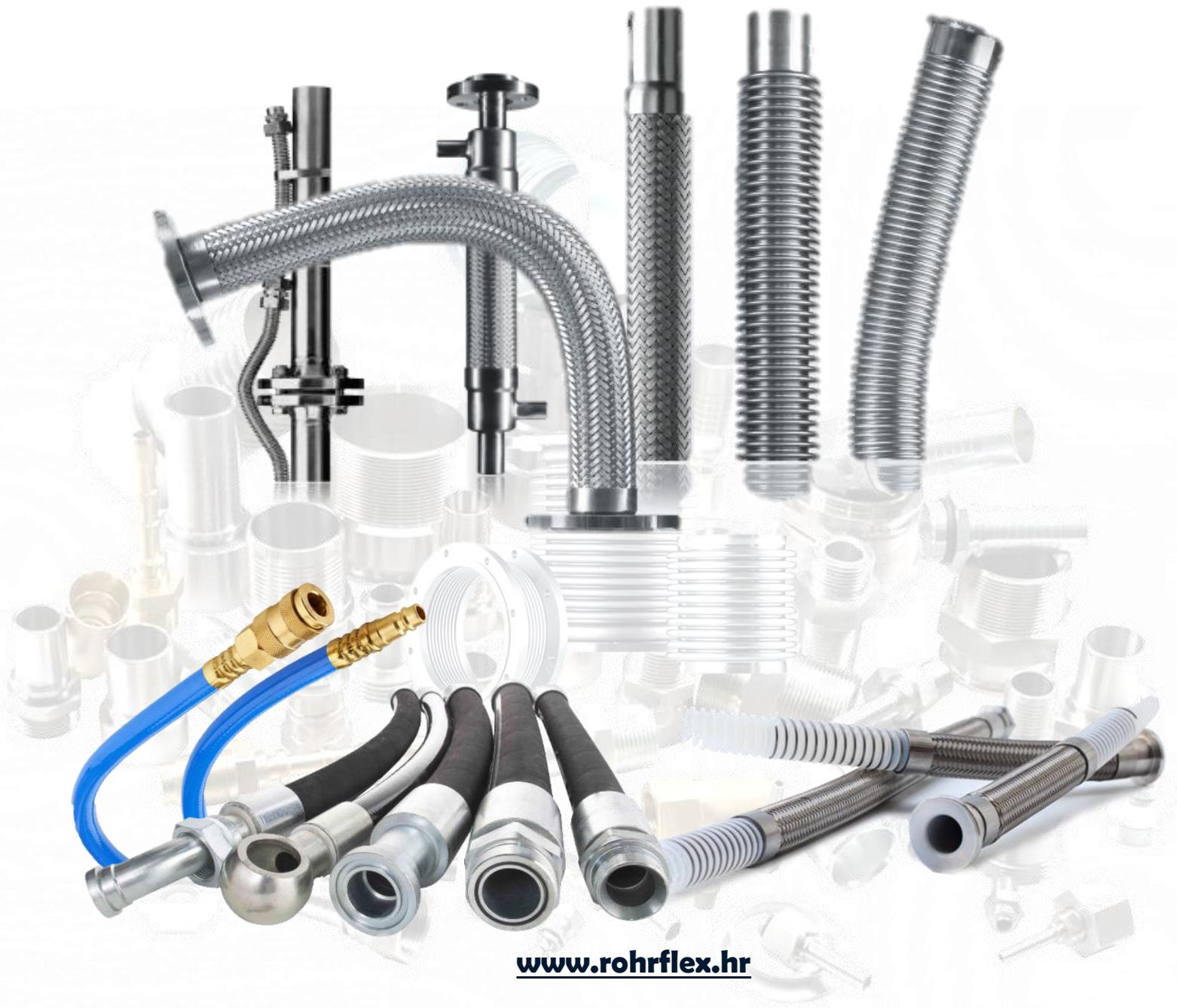




ROHRFLEX

**KATALOG PROIZVODA
PRODUCT CATALOGUE**



www.rohrflex.hr

HYDRA®

Xtraflex



SEMPERIT 

| | |
|--|-----------|
| 1 METALNA FLEKSIBILNA CRIJEVA (METAL FLEXIBLE HOSES) | 1 |
| 1.1 VALOVITA METALNA FLEKSIBILNA CRIJEVA (CORRUGATED HOSES)..... | 1 |
| 1.1.1 RS 330/331 | 2 |
| 1.1.2 RS 321 | 4 |
| 1.1.3 RS 341 | 6 |
| 1.1.4 RS 531 | 8 |
| 1.1.5 RS 430 | 10 |
| 1.1.6 RZ 331 | 12 |
| 1.1.7 RS 351 | 14 |
| 1.2 SPIRALNO PLETENE FLEKSIBILNE CIJEVI (STRIPWOUND HOSES)..... | 15 |
| 1.2.1 SG TYPE WITHOUT COATING | 16 |
| 1.2.2 SG TYPE WITH PVC COATING | 21 |
| 1.2.3 TYPE SD | 24 |
| 1.2.4 TYPE SV | 28 |
| 2 PTFE CRIJEVA (PTFE HOSES) | 30 |
| 2.1 GLATKA PTFE CRIJEVA (SMOOTH PTFE HOSES)..... | 32 |
| 2.1.1 TUBE-FLOW-T (A/T) | 32 |
| 2.1.2 TUBE-FLOW-P (A/P) | 34 |
| 2.1.3 SPEED-FLOW-B (A/B) | 36 |
| 2.1.4 SPEED-FLOW-SI (A/SI) | 38 |
| 2.1.5 SPEED-FLOW-D/1/B (D/1/A/B) | 40 |
| 2.1.6 SPEED-FLOW-S (A/S) | 42 |
| 2.1.7 SPEED-FLOW-S/B1 (A/S/B1) | 44 |
| 2.2 VALOVITA PTFE CRIJEVA (CONVOLUTED PTFE HOSES) | 46 |
| 2.2.1 CONVO-FLOW-S | 46 |
| 2.2.2 CONVO-FLOW-S/B1 | 48 |
| 2.2.3 CONVO-FLOW-S/W1 | 50 |
| 2.2.4 CONVO-FLOW-S/W1/B1 | 52 |
| 2.2.5 CONVO-FLOW-S/W1/B6 | 54 |
| 3 HIDRAULIČNA CRIJEVA (HYDRAULIC HOSES) | 56 |
| 3.1 HIDRAULIČNA CRIJEVA DIN EN 853 | 56 |
| 3.2 HIDRAULIČNA CRIJEVA ZA VRUĆA ULJA (HYDRAULIC HOSES FOR HOT OIL APPLICATION)..... | 59 |
| 3.3 KOMPAKTNA HIDRAULIČNA CRIJEVA (COMPACT HYDRAULIC HOSES) | 60 |
| 3.4 MULTISPIRALNA HIDRAULIČNA CRIJEVA (MULTISPIRALS HYDRAULIC HOSES) | 66 |
| 4 INDUSTRIJSKA CRIJEVA (INDUSTRIAL HOSES) | 69 |
| 4.1 PREHRAMBENE TEKUĆINE (FOOD LIQUIDS)..... | 69 |

| | |
|---|-----------|
| 4.2 CRIJEVA OTPORNA NA HABANJE (ABRASION RESISTANT HOSES)..... | 74 |
| 4.3 TOPLA VODA I VODENA PARA (HOT WATER AND STEAM) | 77 |
| 4.4 CRIJEVA ZA KEMIKALIJE (CHEMICAL PRODUCTS HOSES)..... | 83 |
| 4.5 NAFTA I NAFTNI DERIVATI, HIDRAULIČNO ULJE(PETROLEUM AND PETROLEUM PRODUCTS) | 88 |
| 4.6 ZRAK I PLIN (AIR AND GAS HOSES) | 92 |
| 5 PRIKLJUČNI ELEMENTI (COUPLINGS)..... | 94 |
| 5.1 VISOKOTLAČNI HIDRAULIČNI PRIKLJUČCI (HYDRAULIC HIGH PRESSURE HOSE FITTINGS) | 94 |
| 5.2 PRIKLJUČCI ZA METALNA FLEKSIBILNA CRIJEVA (METAL FLEXIBLE HOSE FITTINGS) | 136 |
| 5.3 BRZE SPOJKE (QUICK RELEASE COUPLINGS) | 140 |
| 5.4 NIPELI I REDUKCIJE (FITTINGS AND REDUCTIONS) | 146 |

1 METALNA FLEKSIBILNA CRIJEVA (METAL FLEXIBLE HOSES)

1.1 Valovita metalna fleksibilna crijeva (Corrugated hoses)

Zbog svoje valovite strukture, metalna crijeva su fleksibilna i otporna na tlak.

Crijeva su nepropusna, otporna na temperaturu i koroziju, kao i na uvijanje i koriste se u sljedećim primjenama:

- za prijenos tekućina i plinova pod tlakom,
- Kao vakuumska cijev i
- Kao ekonomična, fleksibilna veza za apsorpciju gibanja, širenja topline i vibracija.

Kada su ispravno konfigurirana, HYDRA metalna crijeva su robusne komponente koje gotovo ne zahtijevaju održavanje s visokim stupnjem sigurnosti u radu i dugim vijekom trajanja.

Through their corrugated structure, metal hoses are flexible and pressure resistant. They are leakproof, temperature and corrosion resistant as well as torsionally rigid and are used in the following applications:

- For transport of liquids and gases under pressure,
- As vacuum pipe and
- As economic, flexible connection for absorbing movements, heat expansion and vibrations

When configured correctly, HYDRA metal hoses are robust and nearly maintenancefree components with a high degree of operational safety and a long service life.



Slika 1. Valovita metalna fleksibilna crijeva
Corrugated hoses

1.1.1 RS 330/331

- Debljina stijenke: standard
- Valovitost: standard

Izvedbe:

- RS 330 / RS 331 S00 bez opleta
- RS 330 / RS 331 S12 sa jednim opletom

Standardna vrsta materijala:

- Valovite cijevi 1.4404 ili 1.4541
- Oplet 1.4301
- Ostale vrste materijala dostupne su na upit.

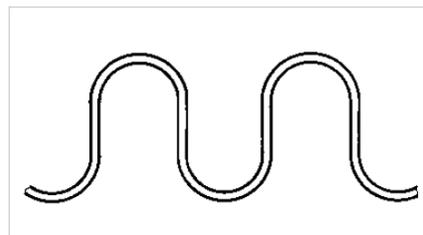
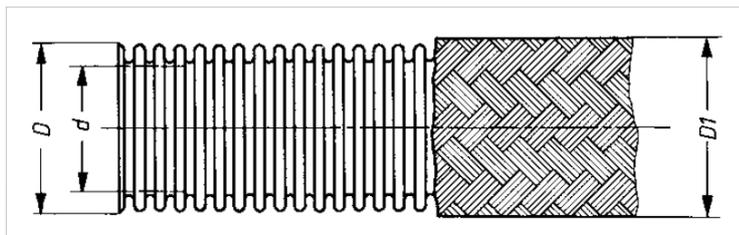
- Wall thickness: standard
- Corrugation: standard

Versions:

- RS 330 / RS 331 S00 without braid
- RS 330 / RS 331 S12 with single braid

Standard materials:

- Annularly corrugated hose 1.4404 or 1.4541, braid 1.4301
- Other materials are available on request



1.1.1 RS 330/331

| DN | Type | Inside diameter | Outside diameter | Permissible deviation | Minimum bending radius Single bend | Nominal bending radius Frequent movements | Permissible static operating pressure at 20 °C SF4 | Nominal pressure ISO 10380 SF4 | Weight approx. | |
|-----|----------|-----------------|------------------|-----------------------|---------------------------------------|--|--|-----------------------------------|----------------|------|
| - | - | d | D,D1 | d,D,D1 | r _{min} | r _n | p _{perm} | PN | - | |
| - | - | mm | mm | mm | mm | mm | bar | - | kg/m | |
| 4 | RS331S00 | 4,3 | 7,1 | ± 0,1 | 15 | 80 | 40 | | 0,06 | |
| | RS331S12 | | 8,2 | | 25 | | 100 | | 0,11 | |
| 6 | RS331S00 | 6,2 | 9,7 | ± 0,2 | 15 | 80 | 28 | | 0,08 | |
| | RS331S12 | | 10,8 | | 25 | | 150 | | 0,14 | |
| 8 | RS331S00 | 8,3 | 12,3 | | 16 | 120 | 20 | | 0,1 | |
| | RS331S12 | | 13,7 | | 32 | | 125 | | 0,21 | |
| 10 | RS331S00 | 10,2 | 14,3 | | 18 | 130 | 16 | | 0,11 | |
| | RS331S12 | | 15,7 | | 38 | | 100 | | 0,23 | |
| 12 | RS331S00 | 12,2 | 16,8 | | 20 | 140 | 10 | | 0,12 | |
| | RS331S12 | | 18,2 | | 45 | | 75 | | 0,25 | |
| 16 | RS331S00 | 16,2 | 21,7 | | 28 | 160 | 8 | | 0,19 | |
| | RS331S12 | | 23,3 | | 58 | | 65 | | 0,4 | |
| 20 | RS331S00 | 20,2 | 26,7 | ± 0,3 | 32 | 170 | 5 | | 0,27 | |
| | RS331S12 | | 28,3 | | 70 | | 40 | | 0,49 | |
| 25 | RS331S00 | 25,5 | 32,2 | | 40 | 190 | 4 | | 0,38 | |
| | RS331S12 | | 34,2 | | 85 | | 65 | | 0,79 | |
| 32 | RS331S00 | 32,2 | 41 | | 50 | 260 | 2,5 | | 0,49 | |
| | RS331S12 | | 43 | | 105 | | 25 | | 0,96 | |
| 40 | RS331S00 | 40,1 | 49,7 | | 60 | 300 | 2,5 | | 0,77 | |
| | RS331S12 | | 52 | | 130 | | 40 | | 1,46 | |
| 50 | RS331S00 | 50,4 | 60,3 | | ± 0,4 | 70 | 320 | 1 | | 0,91 |
| | RS331S12 | | 62,3 | | | 160 | | 30 | | 1,67 |
| 65 | RS331S00 | 65,3 | 78 | 115 | | 460 | 1 | 1 | 1,51 | |
| | RS331S12 | | 81,2 | 200 | | | 35 | 25 | 2,88 | |
| 80 | RS331S00 | 80,2 | 94,8 | 130 | | 660 | 2 | | 2,28 | |
| | RS331S12 | | 98 | 240 | | | 32 | | 4,08 | |
| 100 | RS331S00 | 100 | 116,2 | 160 | | 750 | 1 | | 2,53 | |
| | RS331S12 | | 119,4 | 290 | | | 16 | | 4,54 | |
| 125 | RS330S00 | 126,2 | 145 | ± 0,6 | | 350 | 1000 | 0,5 | | 2,68 |
| | RS330S12 | | 148,2 | | | | | 10 | | 6 |
| 150 | RS330S00 | 151,6 | 171 | ± 1,4 | 400 | 1250 | 0,5 | | 3,41 | |
| | RS330S12 | | 174,2 | | | | 10 | | 6 | 6,48 |



- Debljina stijenke: standard
- Valovitost: usko

Izvedbe:

- RS 321 S00 bez opleta
- RS 321 S12 sa jednim opletom

Standardna vrsta materijala:

- Valovite cijevi 1.4404 ili 1.4541
- Oplet 1.4301
- Ostale vrste materijala dostupne su na upit.

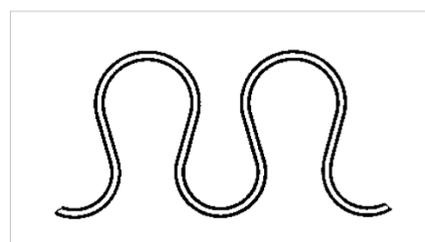
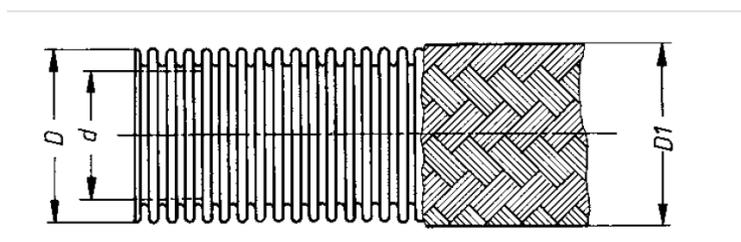
- Wall thickness: standard
- Corrugation: narrow

Versions:

- RS 321 S00 without braid
- RS 321 S12 with single braid

Standard materials:

- Annularly corrugated hose 1.4404 or 1.4541
- braid 1.4301
- Other materials are available on request.



| DN | Type | Inside diameter | Outside diameter | Permissible deviation | Minimum bending radius Single bend | Nominal bending radius Frequent movements | Permissible static operating pressure at 20 °C SF4 | Nominal pressure ISO 10380 SF4 | Weight approx. |
|-----|----------|-----------------|------------------|-----------------------|---------------------------------------|--|--|-----------------------------------|----------------|
| - | - | d | D,D1 | d,D,D1 | r _{min} | r _n | p _{perm} | PN | - |
| - | - | mm | mm | mm | mm | mm | bar | - | kg/m |
| 6 | RS321S00 | 6,1 | 9,9 | ± 0,2 | 20 | 70 | 25 | 0,1 | |
| | RS321S12 | | 11 | | 25 | | 100 | | 0,17 |
| 8 | RS321S00 | 8,2 | 12,5 | | 25 | 80 | 16 | 0,14 | |
| | RS321S12 | | 13,9 | | 30 | | 100 | | 0,25 |
| 10 | RS321S00 | 10,1 | 14,4 | | 30 | 90 | 10 | 0,14 | |
| | RS321S12 | | 15,8 | | 35 | | 80 | | 0,26 |
| 12 | RS321S00 | 12,1 | 17 | | 35 | 100 | 8 | 0,17 | |
| | RS321S12 | | 18,4 | | 40 | | 50 | | 0,3 |
| 16 | RS321S00 | 16,2 | 22 | | 40 | 110 | 6 | 0,26 | |
| | RS321S12 | | 23,6 | | 50 | | 50 | | 0,46 |
| 20 | RS321S00 | 20,2 | 26,8 | | ± 0,3 | 50 | 130 | 4 | 0,31 |
| | RS321S12 | | 28,4 | | | 55 | | 40 | |
| 25 | RS321S00 | 25,5 | 32,2 | 60 | | 150 | 4 | 0,49 | |
| | RS321S12 | | 34,2 | 65 | | | 40 | | 0,9 |
| 32 | RS321S00 | 34,2 | 41 | 70 | | 200 | 2,5 | 0,5 | |
| | RS321S12 | | 43 | 75 | | | 20 | | 0,97 |
| 40 | RS321S00 | 40 | 49,8 | ± 0,4 | | 80 | 210 | 1 | 1,13 |
| | RS321S12 | | 52,1 | | | 90 | | 30 | |
| 50 | RS321S00 | 50,1 | 60,5 | ± 0,5 | | 100 | 240 | 1 | 1,34 |
| | RS321S12 | | 62,8 | | | 110 | | 25 | |
| 65 | RS321S00 | 65 | 78,2 | | | 145 | 280 | 1 | 1,96 |
| | RS321S12 | | 81,4 | | | 200 | | 20 | |
| 80 | RS321S00 | 80 | 95 | | 200 | 400 | 1 | 3,12 | |
| | RS321S12 | | 98,2 | | 240 | | 16 | | 10 |
| 100 | RS321S00 | 99,4 | 116,8 | | ± 0,6 | 240 | 500 | 1 | 3,7 |
| | RS321S12 | | 120 | | | 290 | | 16 | |



- Debljina stijenke: standard
- Valovitost: široka

Izvedbe:

- RS 341 S00 bez opleta
- RS 341 S12 sa jednim opletom

Standardna vrsta materijala:

- Valovite cijevi 1.4404 ili 1.4541
- Oplet 1.4301
- Ostale vrste materijala dostupne su na upit.

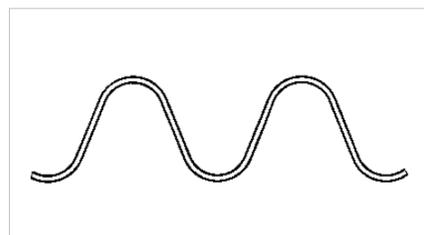
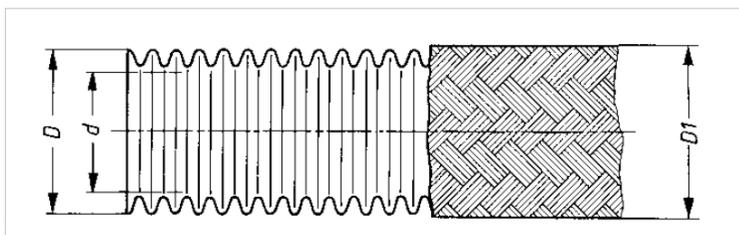
- Wall thickness: standard
- Corrugation: wide

Versions:

- RS 341 S00 without braid
- RS 341 S12 with single braid

Standard materials:

- Annularly corrugated hose 1.4404 or 1.4541
- braid 1.4301
- Other materials are available on request



1.1.3 RS 341

| DN | Type | Inside diameter | Outside diameter | Permissible deviation | Minimum bending radius <i>Single bend</i> | Nominal bending radius <i>Frequent movements</i> | Permissible static operating pressure at 20 °C SF4 | Nominal pressure ISO 10380 SF4 | Weight approx. | |
|-----|----------|-----------------|------------------|-----------------------|--|---|--|---------------------------------------|----------------|------|
| - | - | d | D,D1 | d,D,D1 | r _{min} | r _n | p _{perm} | PN | - | |
| - | - | mm | mm | mm | mm | mm | bar | - | kg/m | |
| 6 | RS341S00 | 6,3 | 9,5 | ± 0,3 | 11 | 110 | 65 | 65 | 0,05 | |
| | RS341S12 | | 10,6 | | 25 | | 135 | 100 | 0,12 | |
| 8 | RS341S00 | 8,5 | 12 | | 15 | 130 | 25 | 25 | 0,07 | |
| | RS341S12 | | 13,4 | | 32 | | 150 | 100 | 0,18 | |
| 10 | RS341S00 | 10,3 | 14,1 | ± 0,2 | 18 | 150 | 16 | 16 | 0,09 | |
| | RS341S12 | | 15,5 | | 38 | | 90 | 65 | 0,2 | |
| 12 | RS341S00 | 12,5 | 16,4 | | 20 | 165 | 18 | 18 | 0,1 | |
| | RS341S12 | | 18 | | 45 | | 80 | 65 | 23 | |
| 16 | RS341S00 | 16,3 | 21,4 | ± 0,3 | 25 | 195 | 13 | 13 | 0,15 | |
| | RS341S12 | | 23 | | 58 | | 65 | 65 | 0,36 | |
| 20 | RS341S00 | 20,7 | 26,5 | | 30 | 225 | 20 | 20 | 0,31 | |
| | RS341S12 | | 28,1 | | 70 | | 40 | 40 | 0,54 | |
| 25 | RS341S00 | 25,8 | 31,7 | ± 0,4 | 35 | 260 | 16 | 16 | 0,39 | |
| | RS341S12 | | 33,7 | | 85 | | 60 | 50 | 0,8 | |
| 32 | RS341S00 | 34,6 | 41 | | ± 0,5 | 40 | 300 | 2,5 | 2,5 | 0,36 |
| | RS341S12 | | 43 | | | 105 | | 35 | 25 | 0,82 |
| 40 | RS341S00 | 40,5 | 49,5 | 50 | | 340 | 3 | 3 | 0,57 | |
| | RS341S12 | | 51,5 | 130 | | | 40 | 40 | 1,26 | |
| 50 | RS341S00 | 50,8 | 60,2 | ± 0,4 | 60 | 390 | 2,5 | 2,5 | 0,71 | |
| | RS341S12 | | 62,5 | | 160 | | 30 | 25 | 1,47 | |
| 65 | RS341S00 | 65,7 | 77,7 | | 75 | 460 | 4 | 4 | 1,07 | |
| | RS341S12 | | 80,9 | | 200 | | 32 | 25 | 2,44 | |
| 80 | RS341S00 | 80,6 | 94,2 | ± 0,5 | 90 | 660 | 4 | 4 | 1,72 | |
| | RS341S12 | | 97,4 | | 240 | | 30 | 25 | 3,52 | |
| 100 | RS341S00 | 100,4 | 115 | | ± 0,6 | 110 | 750 | 3 | 3 | 1,95 |
| | RS341S12 | | 118,2 | | | 290 | | 16 | 16 | 3,94 |



- Debljina stijenke: veća
- Valovitost: standard

Izvedbe:

- RS 531 S00 bez opleta
- RS 531 S12 sa jednim opletom
- RS 531 S22 sa dva opleta

Standardna vrsta materijala:

- Valovite cijevi 1.4404 ili 1.4541
- Oplet 1.4301
- Ostale vrste materijala dostupne su na upit.

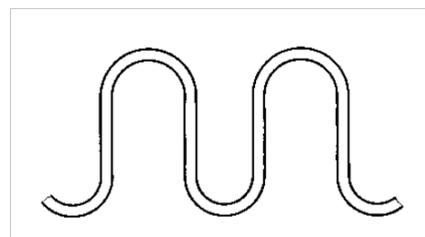
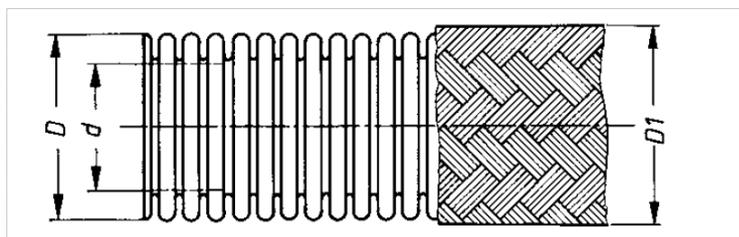
- Wall thickness: increased
- Corrugation: standard

Versions:

- RS 341 S00 without braid
- RS 341 S12 with single braid
- RS 341 S22 with double braid

Standard materials:

- Annularly corrugated hose 1.4404 or 1.4541
- braid 1.4301
- Other materials are available on request



1.1.4 RS 531

| DN | Type | Inside diameter | Outside diameter | Permissible deviation | Minimum bending radius Single bend | Nominal bending radius Frequent movements | Permissible static operating pressure at 20 °C SF4 | Nominal pressure ISO 10380 SF4 | Weight approx. | | |
|----|----------|-----------------|------------------|-----------------------|---|--|--|---------------------------------------|----------------|------|------|
| - | - | d | D,D1 | d,D,D1 | r _{min} | r _n | p _{perm} | PN | - | | |
| - | - | mm | mm | mm | mm | mm | bar | - | kg/m | | |
| 5 | RS531S00 | 5,3 | 9,1 | ±0,2 | 15 | 100 | 25 | 25 | 0,1 | | |
| | RS531S12 | | 10,2 | | 25 | | 150 | 150 | 0,14 | | |
| | RS531S22 | | 11,3 | | 35 | | 200 | 200 | 0,2 | | |
| 6 | RS531S00 | 6,2 | 10,2 | | ±0,2 | 15 | 110 | 50 | 50 | 0,12 | |
| | RS531S12 | | 11,6 | | | 25 | | 200 | 200 | 0,23 | |
| | RS531S22 | | 13 | | | 40 | | 250 | 250 | 0,33 | |
| 8 | RS531S00 | 8 | 12,9 | | | ±0,2 | 20 | 130 | 50 | 50 | 0,2 |
| | RS531S12 | | 14,5 | | | | 32 | | 200 | 200 | 0,35 |
| | RS531S22 | | 16,1 | | | | 50 | | 250 | 250 | 0,49 |
| 10 | RS531S00 | 10 | 15,9 | ±0,3 | | | 25 | 150 | 25 | 25 | 0,29 |
| | RS531S12 | | 17,5 | | | | 38 | | 150 | 150 | 0,48 |
| | RS531S22 | | 19,1 | | | | 60 | | 225 | 225 | 0,66 |
| 12 | RS531S00 | 12,1 | 18,7 | | ±0,3 | | 30 | 165 | 25 | 25 | 0,41 |
| | RS531S12 | | 20,3 | | | | 45 | | 100 | 100 | 0,62 |
| | RS531S22 | | 21,9 | | | | 70 | | 200 | 200 | 0,82 |
| 16 | RS531S00 | 16,1 | 23,8 | | | ±0,3 | 40 | 195 | 20 | 20 | 0,55 |
| | RS531S12 | | 25,8 | | | | 58 | | 150 | 150 | 0,92 |
| | RS531S22 | | 27,8 | | | | 90 | | 200 | 200 | 1,29 |



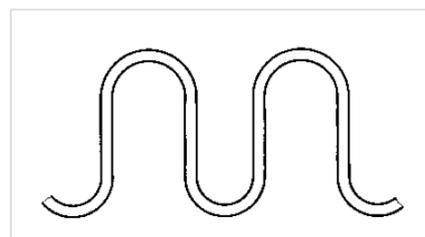
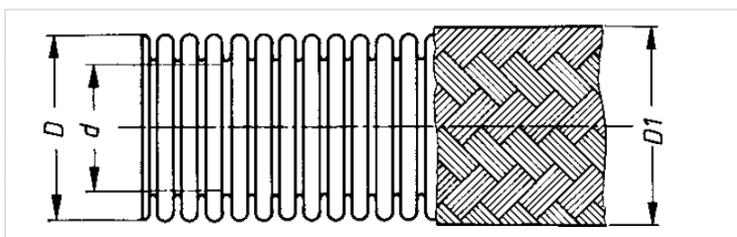
- Debljina stijenke: veća
- Valovitost: standard

Izvedbe:

- RS 430 S00 bez opleta
- RS 430 S12 sa jednim opletom
- RS 430 S22 sa dva opleta
- RS 430 S42 sa jednim opletom, dodatno upleten
- RS 430 S52 sa dva opleta, dodatno upleten
- RS 430 S92 sa dva opleta, oplet specijalne izvedbe

Standardna vrsta materijala:

- Valovite cijevi 1.4404 ili 1.4541
- Oplet 1.4301 standard, dodatno upleteni 1.4306
- Ostale vrste materijala dostupne su na upit.



- Wall thickness: increased
- Corrugation: standard

Versions:

- RS 430 S00 without braid
- RS 430 S12 with single braid
- RS 430 S22 with double braid
- RS 430 S42 with single braid, knurled
- RS 430 S52 with double braid, knurled
- RS 430 S92 with double special braid

Standard materials:

- Annularly corrugated hose 1.4404 or 1.4541
- standard braid 1.4301, knurled 1.4306
- Other materials are available on request

1.1.5 RS 430

| DN | Type | Inside diameter | Outside diameter | Permissible deviation | Minimum bending radius | Nominal bending radius | Permissible static operating pressure at 20 °C SF4 | Nominal pressure | Weight approx. |
|-----|----------|-----------------|------------------|-----------------------|------------------------|------------------------|--|------------------|----------------|
| - | - | d | D,D1 | d,D,D1 | r_{min} | r_n | p_{perm} | PN | - |
| - | - | mm | mm | mm | mm | mm | bar | - | kg/m |
| 20 | RS430S00 | 20,2 | 29,2 | ± 0,3 | 45 | 285 | 6 | 6 | 0,54 |
| | RS430S12 | | 31,2 | | 70 | | 90 | 65 | 0,93 |
| | RS430S22 | | 33,2 | | 70 | | 125 | 100 | 1,31 |
| 25 | RS430S00 | 25,2 | 34,2 | | 50 | 325 | 6 | 6 | 0,65 |
| | RS430S12 | | 36,2 | | 85 | | 65 | 50 | 1,07 |
| | RS430S22 | | 38,2 | | 85 | | 100 | 100 | 1,49 |
| 32 | RS430S00 | 33,7 | 42,7 | | 60 | 380 | 4 | 4 | 0,77 |
| | RS430S12 | | 45 | | 105 | | 65 | 65 | 1,41 |
| | RS430S22 | | 47,2 | | 105 | | 80 | 80 | 2,05 |
| 40 | RS430S00 | 40 | 55 | | 75 | 130 | 2,5 | 2,5 | 1,37 |
| | RS430S12 | | 57,3 | | 130 | | 40 | 40 | 2,09 |
| | RS430S22 | | 59,5 | | 130 | | 65 | 65 | 2,81 |
| 50 | RS430S00 | 50 | 65 | 90 | 190 | 2,5 | 2,5 | 1,616 | |
| | RS430S12 | | 68,2 | 160 | | 50 | 50 | 2,91 | |
| | RS430S22 | | 71,3 | 160 | | 80 | 65 | 4,15 | |
| 65 | RS430S00 | 65 | 81 | 110 | 580 | 0,5 | 0,5 | 2,06 | |
| | RS430S12 | | 84,2 | 200 | | 35 | 25 | 3,46 | |
| | RS430S22 | | 87,3 | 200 | | 50 | 50 | 4,89 | |
| 80 | RS430S00 | 79,8 | 98,3 | 135 | 800 | 0,5 | 0,5 | 2,82 | |
| | RS430S12 | | 101,5 | 240 | | 25 | 16 | 4,64 | |
| | RS430S22 | | 104,6 | 240 | | 50 | 25 | 6,46 | |
| 100 | RS430S00 | 99,8 | 117,8 | 160 | 1000 | 0,5 | 0,5 | 3,59 | |
| | RS430S12 | | 121 | 290 | | 30 | 10 | 5,97 | |
| | RS430S22 | | 124,1 | 290 | | 40 | 16 | 8,25 | |
| 125 | RS430S00 | 125,6 | 146 | 350 | 1250 | 0,5 | 0,5 | 5,23 | |
| | RS430S12 | | 149,2 | 16 | | 10 | 7,8 | | |
| | RS430S22 | | 152,4 | 30 | | 16 | 10,3 | | |
| 150 | RS430S00 | 151,9 | 177,4 | ± 1,4 | 400 | 800 | 0,2 | - | 4,97 |
| | RS430S12 | | 180,6 | | | | 6 | 6 | 8,1 |
| | RS430S42 | | 181,4 | | | | 10 | 10 | 8,27 |
| | RS430S22 | | 183,7 | | | | 12 | 10 | 11,2 |
| | RS430S92 | | 184,6 | | | | 16 | 16 | 11,37 |
| 200 | RS430S00 | 202,2 | 231,4 | ± 1,6 | 520 | 1100 | 0,2 | - | 7,92 |
| | RS430S12 | | 235 | | | | 6 | 6 | 12,32 |
| | RS430S42 | | 236,9 | | | | 10 | 10 | 12,42 |
| | RS430S22 | | 238,5 | | | | 12 | 10 | 16,72 |
| | RS430S92 | | 239,7 | | | | 16 | 16 | 16,82 |
| | RS430S52 | | 242,4 | | | | 16 | 16 | 16,92 |
| 250 | RS430S00 | 248,4 | 284,2 | | 620 | 1350 | 102 | - | 13 |
| | RS430S42 | | 289,7 | | 8 | | 6 | 17,96 | |
| | RS430S52 | | 295,2 | | 12 | | 10 | 22,96 | |
| 300 | RS430S00 | 298,6 | 335,8 | | 1000 | 1600 | 0,1 | - | 17,2 |
| | RS430S42 | | 341,3 | | 4 | | 4 | 23,03 | |
| | RS430S52 | | 346,8 | | 6 | | 6 | 28,83 | |



1.1.6 RZ 331

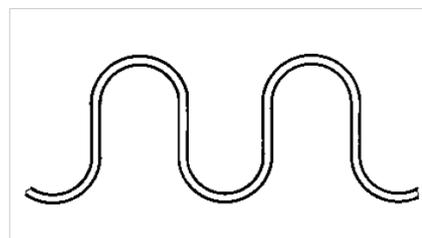
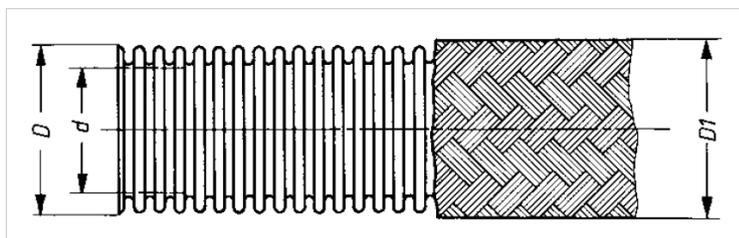
- Debljina stijenke: standard
- Valovitost: standard

Izvedbe:

- RZ 331 S00 bez opleta
- RZ 331 S13 sa jednim opletom

Standardna vrsta materijala:

- Valovite cijevi 2.1010 (CuSn2)
- Oplet 2.1016 (CuSn4)



- Wall thickness: standard
- Corrugation: standard

Versions:

- RZ 331 S00 without braid
- RZ 331 S13 with single braid

Standard materials:

- Annularly corrugated hose 2.1010 (CuSn2)
- standard braid 2.1016 (CuSn4)

| DN | Type | Inside diameter | Outside diameter | Permissible deviation | Minimum bending radius Single bend | Nominal bending radius Frequent movements | Nominal pressure ISO 10380 SF4 | Weight approx. | |
|----|----------|-----------------|------------------|-----------------------|---------------------------------------|--|-----------------------------------|----------------|------|
| - | - | d | D,D1 | d,D,D1 | r _{min} | r _n | PN | - | |
| - | - | mm | mm | mm | mm | mm | - | kg/m | |
| 8 | RZ331S00 | 8,6 | 12,6 | ± 0,2 | 16 | 90 | 6 | 0,11 | |
| | RZ331S13 | | 14 | | 32 | | 60 | 0,23 | |
| 10 | RZ331S00 | 10,7 | 15,1 | | 18 | 130 | 6 | 0,13 | |
| | RZ331S13 | | 16,5 | | 38 | | 45 | 0,27 | |
| 12 | RZ331S00 | 12,7 | 17,7 | | 20 | 150 | 4 | 0,14 | |
| | RZ331S13 | | 19,1 | | 45 | | 35 | 0,31 | |
| 16 | RZ331S00 | 16,7 | 22,2 | | 28 | 170 | 4 | 0,24 | |
| | RZ331S13 | | 23,6 | | 58 | | 32 | 0,47 | |
| 20 | RZ331S00 | 20,6 | 27,1 | | 32 | 200 | 4 | 0,44 | |
| | RZ331S13 | | 28,5 | | 70 | | 30 | 0,71 | |
| 25 | RZ331S00 | 25,6 | 33,2 | | ± 0,3 | 40 | 230 | 2,5 | 0,46 |
| | RZ331S13 | | 35,5 | | | 85 | | 30 | 0,97 |
| 32 | RZ331S00 | 32,6 | 42 | 50 | | 260 | 2,5 | 0,72 | |
| | RZ331S13 | | 44,3 | 105 | | | 30 | 1,43 | |
| 40 | RZ331S00 | 40,5 | 52 | 60 | | 310 | 1,6 | 0,95 | |
| | RZ331S13 | | 54 | 130 | | | 25 | 1,83 | |
| 50 | RZ331S00 | 50,5 | 63 | 70 | 360 | 1,6 | 1,35 | | |
| | RZ331S13 | | 66,2 | 160 | | 28 | 2,77 | | |



1.1.7 RS 351

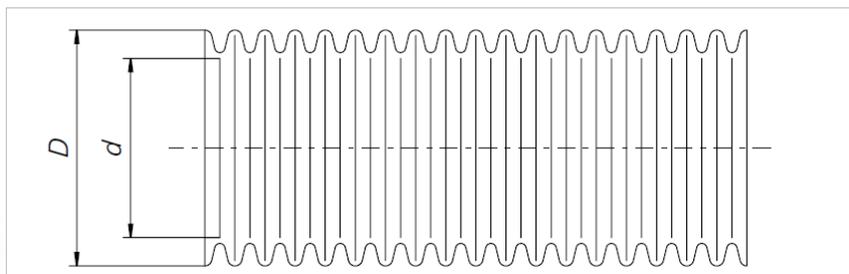
- Debljina stijenke: standard
- Valovitost: vrlo široka

Izvedbe:

- RS 351 S00 bez opleta

Standardna vrsta materijala:

- Valovite cijevi 1.4404



- Wall thickness: standard
- Corrugation: very wide

Versions:

- RS 351 S00 without braid

Standard materials:

- Annularly corrugated hose 1.4404

| DN | Type | Inside diameter | Outside diameter | Permissible deviation | Minimum bending radius Single bend | Permissible static operating | Weight approx. |
|----|----------|-----------------|------------------|-----------------------|---------------------------------------|------------------------------|----------------|
| - | - | d | D | d,D | r_{min} | p_{perm} | - |
| - | - | mm | mm | mm | mm | bar | kg/m |
| 20 | RS351S00 | 12,5 | 16,6 | ± 0,3 | 20 | 18 | 0,095 |
| 25 | RS351S00 | 16,7 | 21,3 | | 16 | 17 | 0,125 |
| 32 | RS351S00 | 20,5 | 26,4 | ± 0,4 | 20 | 9 | 0,165 |
| 40 | RS351S00 | 25,8 | 31,7 | | 35 | 10 | 0,36 |



1.2 SPIRALNO PLETENE FLEKSIBILNE CIJEVI (STRIPWOUND HOSES)

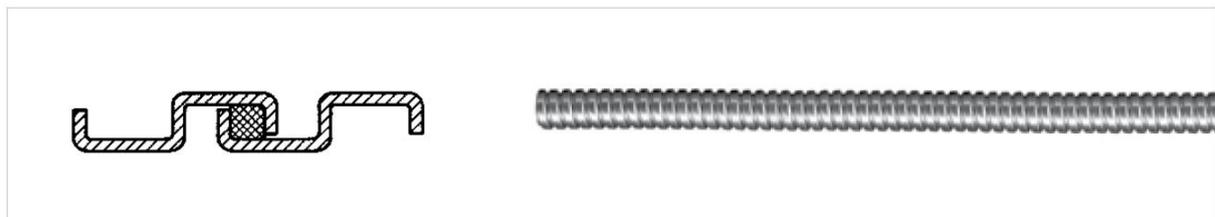
Prednosti spiralno pletenih crijeva su visoka otpornost na napetosti i transverzalni tlak te kemijska i toplinska stabilnost. Koriste se:

- Kao zaštitno crijevo za svjetlosne vodiče i električne instalacije,
- Kao zaštita od prekomjernog savijanja za sklopove valovitog crijeva,
- Kao usisno i transportno crijevo za dim, strugotine i granulate,
- Kao crijevo za ispušne plinove,
- Kao oplet za optimizaciju uvjeta protoka
- U strojarstvu, tehnologiji mjerenja i upravljanja i medicinskoj tehnologiji.
- Za razdvajanje ispušnih sustava automobila i teretnih vozila.

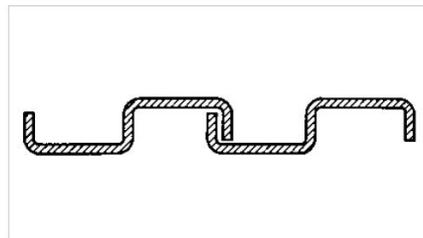


The advantages of stripwound hoses are a high resistance to tension and transversal pressure as well as chemical and thermal stability. They are, for example, used

- As protective hose for light conductors and electrical wiring,
- As over-bending protection for corrugated hose assemblies,
- As suction and conveying hose for smoke, shavings and granulates,
- As exhaust gas hose or
- As liner to optimise flow conditions
- in mechanical engineering, measurement and control technology, communications technology and fibre optics as well as medical technology.
- as a liners in decoupling elements for car and HGV exhaust systems.



1.2.1 SG TIP BEZ PREVLAKA (SG TYPE WITHOUT COATING)



Primjena:

- Zaštitno crijevo prema normi DIN EN ISO 15465
- Standardno zaštitno crijevo za električne instalacije prema normi DIN EN 50086-2-3
- Zaštitno crijevo za gumena i plastična crijeva

Karakteristike:

- Vrlo fleksibilno
- Otporno na napetosti
- Visoka otpornost na drobljenje

Izvedbe:

- Zaštitno crijevo, pocinčani čelik, tip SG-S-O
- Zaštitno crijevo, mesing, tip SG-M-O
- Zaštitno crijevo, kromirani mesing, tip SG-M-C
- Zaštitno crijevo, poniklani mesing tip SG-M-N
- Zaštitno crijevo, nehrđajući čelik, tip SG-E-O

Standardna vrsta materijala:

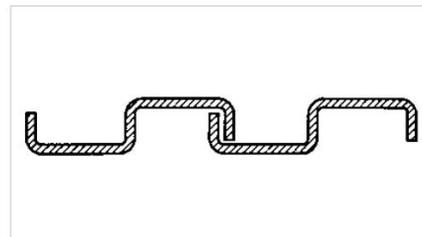
- Pocinčani čelik (1.0330) do DN 18
- Vruće pocinčani čelik (1.0226) od DN 20
- Mesing (2.0321)
- Nehrđajući čelik (1.4301)

Radna temperatura:

- Mesing: 250 °C
- Pocinčani čelik: 400 °C
- Nehrđajući čelik: 600 °C



1.2.1 SG TIP BEZ PREVLAKA (SG TYPE WITHOUT COATING)



Applications:

- Protective hose according to DIN EN ISO 15465 (type SOU)
- Standard protective hose for electrical installations according to DIN EN 50086-2-3
- Protective hose for rubber and plastic hoses

Characteristics:

- Very flexible
- Tension-proof
- With high crushing strength

Types:

- Protective hose, galvanised steel, type SG-S-O
- Protective hose, bright brass, type SG-M-O
- Protective hose, chromium-plated brass, type SG-M-C
- Protective hose, nickel-plated brass, type SG-M-N
- Protective hose, stainless steel, type SG-E-O

Materials:

- Galvanised steel (1.0330) to DN 18
- Hot-dip galvanised steel (1.0226) from DN 20
- Brass (2.0321)
- Stainless steel (1.4301)

Operating temperature:

- Brass: 250 °C
- Zinc-plated steel: 400 °C
- Stainless steel: 600 °C

1.2.1 SG-S-O

| <i>DN</i> | <i>Nominal size</i> | <i>Inside diameter</i> | <i>Outside diameter</i> | <i>Permissible deviation</i> | <i>Minimum bending radius</i> | <i>Weight approx.</i> |
|-----------|---------------------|------------------------|-------------------------|------------------------------|-------------------------------|-----------------------|
| - | PG | d | D | d,D | r_{min} | - |
| - | DIN 40430 | <i>mm</i> | <i>mm</i> | <i>mm</i> | <i>mm</i> | <i>kg/m</i> |
| 3 | - | 3 | 4,6 | ± 0,2 | 18 | 0,028 |
| 4 | - | 4 | 5,8 | ± 0,3 | 19 | 0,035 |
| 5 | - | 5 | 6,8 | ± 0,4 | 20 | 0,045 |
| 6 | - | 6 | 8 | ± 0,3 | 21 | 0,05 |
| 7 | - | 7,1 | 9,1 | ± 0,3 | 23 | 0,06 |
| 8 | 7 | 8 | 10 | ± 0,3 | 25 | 0,065 |
| 9 | - | 9 | 11 | ± 0,3 | 30 | 0,075 |
| 10 | - | 10 | 13 | ± 0,3 | 32 | 0,11 |
| 11 | 9 | 11 | 14 | ± 0,3 | 34 | 0,12 |
| 12 | - | 12 | 15 | ± 0,3 | 36 | 0,13 |
| 13 | - | 13 | 16 | ± 0,3 | 40 | 0,14 |
| 14 | 11 | 13,5 | 16,5 | ± 0,3 | 40 | 0,135 |
| 15 | - | 14 | 17 | ± 0,3 | 40 | 0,145 |
| 16 | 13,5 | 15 | 18 | ± 0,3 | 45 | 0,155 |
| 17 | - | 16 | 19 | ± 0,3 | 45 | 0,165 |
| 18 | 16 | 17 | 20 | ± 0,3 | 50 | 0,175 |
| 19 | - | 18 | 21 | ± 0,3 | 50 | 0,185 |
| 20 | - | 20 | 24 | ± 0,3 | 60 | 0,28 |
| 21 | - | 21 | 25 | ± 0,3 | 62 | 0,295 |
| 22 | - | 21,8 | 25,8 | ± 0,3 | 65 | 0,305 |
| 23 | 21 | 23 | 27 | ± 0,3 | 67 | 0,32 |
| 25 | - | 25 | 29 | ± 0,3 | 75 | 0,345 |
| 28 | - | 28 | 32 | ± 0,3 | 80 | 0,385 |
| 29 | - | 29,2 | 34,2 | ± 0,4 | 85 | 0,415 |
| 30 | - | 30 | 35 | ± 0,4 | 85 | 0,43 |
| 31 | 29 | 31 | 36 | ± 0,4 | 90 | 0,445 |
| 32 | - | 32 | 37 | ± 0,4 | 90 | 0,455 |
| 35 | - | 35 | 40 | ± 0,4 | 95 | 0,495 |
| 36 | - | 36 | 41 | ± 0,4 | 100 | 0,51 |
| 37 | - | 37 | 42 | ± 0,4 | 105 | 0,53 |
| 38 | - | 38,2 | 43,2 | ± 0,4 | 105 | 0,54 |
| 40 | 36 | 40 | 45 | ± 0,4 | 110 | 0,56 |
| 45 | - | 45,2 | 50,2 | ± 0,4 | 120 | 0,63 |
| 47 | 42 | 47 | 52 | ± 0,4 | 125 | 0,66 |
| 48 | - | 48 | 53 | ± 0,5 | 125 | 0,67 |
| 49 | - | 49,2 | 54,2 | ± 0,5 | 125 | 0,68 |
| 50 | - | 50 | 55 | ± 0,5 | 125 | 0,7 |
| 51 | 48 | 51 | 56 | ± 0,5 | 130 | 0,71 |



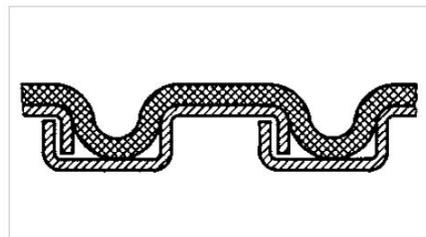
1.2.1 SG-M-C, SG-M-N

| <i>DN</i> | <i>Inside diameter</i> | <i>Outside diameter</i> | <i>Permissible deviation</i> | <i>Minimum bending radius</i> | <i>Weight approx.</i> |
|-----------|------------------------|-------------------------|------------------------------|-------------------------------|-----------------------|
| - | d | D | d,D | r_{min} | - |
| - | <i>mm</i> | <i>mm</i> | <i>mm</i> | <i>mm</i> | <i>kg/m</i> |
| 3 | 2,4 | 3,8 | ± 0,2 | 15 | 0,03 |
| 3 | 2,6 | 3 | ± 0,2 | 15 | 0,03 |
| 3 | 3 | 4,5 | ± 0,2 | 15 | 0,031 |
| 3 | 3,2 | 4,7 | ± 0,2 | 15 | 0,032 |
| 4 | 3,5 | 5 | ± 0,2 | 15 | 0,033 |
| 4 | 4 | 6 | ± 0,2 | 20 | 0,044 |
| 5 | 5 | 7 | ± 0,2 | 20 | 0,05 |
| 6 | 6 | 8 | ± 0,2 | 20 | 0,056 |
| 7 | 7 | 9 | ± 0,2 | 20 | 0,074 |
| 8 | 8 | 9 | ± 0,2 | 25 | 0,084 |
| 9 | 9 | 11 | ± 0,2 | 25 | 0,105 |
| 10 | 10 | 13 | ± 0,3 | 25 | 0,104 |
| 12 | 11,5 | 14 | ± 0,3 | 30 | 0,103 |
| 12 | 12 | 15 | ± 0,3 | 30 | 0,115 |
| 13 | 13 | 16 | ± 0,3 | 35 | 0,119 |
| 14 | 14 | 17,4 | ± 0,3 | 35 | 0,148 |
| 15 | 15 | 18 | ± 0,3 | 40 | 0,157 |
| 16 | 16 | 19,2 | ± 0,3 | 40 | 0,205 |
| 17 | 17 | 20 | ± 0,3 | 45 | 0,218 |
| 18 | 18 | 21,3 | ± 0,3 | 45 | 0,238 |
| 19 | 19 | 22 | ± 0,3 | 45 | 0,268 |
| 20 | 20 | 23 | ± 0,3 | 50 | 0,282 |



| <i>DN</i> | <i>Inside diameter</i> | <i>Outside diameter</i> | <i>Permissible deviation</i> | <i>Minimum bending radius</i> | <i>Weight approx.</i> |
|-----------|------------------------|-------------------------|------------------------------|-------------------------------|-----------------------|
| - | d | D | d,D | r_{min} | - |
| - | <i>mm</i> | <i>mm</i> | <i>mm</i> | <i>mm</i> | <i>kg/m</i> |
| 2 | 1,4 | 3 | ± 0,1 | 16 | 0,02 |
| 3 | 3 | 4,6 | ± 0,2 | 18 | 0,03 |
| 4 | 4 | 5,8 | ± 0,2 | 19 | 0,035 |
| 5 | 5 | 6,8 | ± 0,2 | 20 | 0,04 |
| 6 | 6 | 8 | ± 0,3 | 25 | 0,05 |
| 7 | 7 | 9 | ± 0,3 | 27 | 0,06 |
| 8 | 8 | 10 | ± 0,3 | 29 | 0,065 |
| 9 | 9 | 11 | ± 0,3 | 30 | 0,075 |
| 10 | 10 | 13 | ± 0,3 | 25 | 0,105 |
| 11 | 11 | 14 | ± 0,3 | 30 | 0,115 |
| 12 | 12 | 15 | ± 0,3 | 30 | 0,125 |
| 13 | 13 | 16 | ± 0,3 | 35 | 0,135 |
| 14 | 14 | 17,4 | ± 0,3 | 35 | 0,14 |
| 15 | 15 | 18 | ± 0,3 | 40 | 0,16 |
| 16 | 16 | 19,2 | ± 0,3 | 40 | 0,17 |
| 17 | 17 | 20 | ± 0,3 | 45 | 0,175 |
| 18 | 18 | 21,3 | ± 0,3 | 45 | 0,185 |
| 19 | 19 | 23 | ± 0,3 | 45 | 0,235 |
| 20 | 20 | 24 | ± 0,3 | 50 | 0,25 |
| 20 | 21,5 | 25,5 | ± 0,3 | 50 | 0,265 |
| 22 | 22 | 26 | ± 0,3 | 50 | 0,27 |
| 23 | 23 | 27 | ± 0,3 | 55 | 0,285 |
| 25 | 24,5 | 28,5 | ± 0,3 | 55 | 0,305 |
| 25 | 25 | 29 | ± 0,3 | 60 | 0,315 |
| 26 | 26 | 30 | ± 0,3 | 60 | 0,325 |
| 27 | 27 | 31 | ± 0,3 | 60 | 0,335 |
| 28 | 28 | 32 | ± 0,3 | 60 | 0,35 |

1.2.2 SG TIP SA PVC PREVLAKOM (SG TYPE WITH PVC COATING)



Primjena:

- Standardno zaštitno crijevo za električne instalacije prema normi DIN EN 61386-2-3
- Zaštitno crijevo za gumena i plastična crijeva

Karakteristike:

- Vrlo fleksibilno
- Otporno na napetosti
- Visoka otpornost na drobljenje
- PVC prevlaka

Izvedbe:

- Zaštitno crijevo, pocinčani čelik sa crnom PVC prevlakom, tip SG-S-P

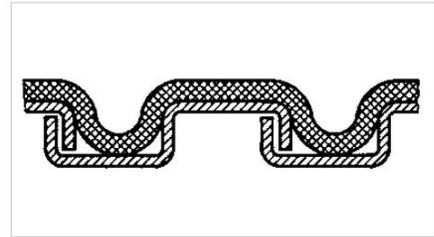
Standardna vrsta materijala:

- Pocinčani čelik (1.0330) do DN 18
- Vruće pocinčani čelik (1.0226) od DN 20

Radna temperatura:

- Pocinčani čelik sa PVC prevlakom: -20 do 80 °C

1.2.2 SG TIP SA PVC PREVLAKOM (SG TYPE WITH PVC COATING)



Applications:

- Standard protective hose for electrical installations according to DIN EN 61386-2-3
- Protective hose for rubber and plastic hoses

Characteristics:

- Very flexible
- Tension-proof
- With high crushing strength
- Liquid-tight
- With PVC coating

Types:

- Protective hose, zinc-plated steel with black PVC coating, type SG-S-P

Materials:

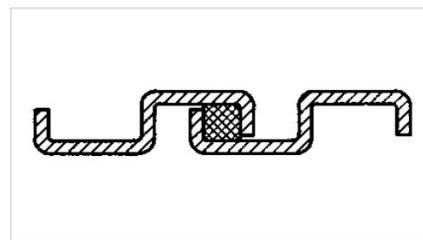
- Galvanised steel (1.0330) to DN 18
- Hot-dip galvanised steel (1.0226) from DN 20

Operating temperature:

- Galvanised steel with PVC coating: -20 to 80 °C

| <i>DN</i> | <i>Nominal size</i> | <i>Inside diameter</i> | <i>Outside diameter</i> | <i>Permissible deviation</i> | <i>Minimum bending radius</i> | <i>Weight approx.</i> |
|-----------|---------------------|------------------------|-------------------------|------------------------------|-------------------------------|-----------------------|
| - | PG | d | D | d,D | r_{min} | - |
| - | DIN 40430 | <i>mm</i> | <i>mm</i> | <i>mm</i> | <i>mm</i> | <i>kg/m</i> |
| 4 | - | 4 | 6,6 | ± 0,2 | 23 | 0,05 |
| 5 | - | 5 | 7,6 | ± 0,3 | 25 | 0,055 |
| 6 | - | 6 | 8,8 | ± 0,3 | 28 | 0,7 |
| 7 | 7 | 7,1 | 9,9 | ± 0,3 | 30 | 0,75 |
| 8 | - | 8 | 10,8 | ± 0,3 | 34 | 0,85 |
| 9 | - | 9 | 11,8 | ± 0,3 | 38 | 0,95 |
| 10 | 9 | 10 | 14 | ± 0,3 | 42 | 0,14 |
| 11 | - | 11 | 15 | ± 0,3 | 46 | 0,155 |
| 12 | - | 12 | 16 | ± 0,3 | 48 | 0,165 |
| 13 | 11 | 13 | 17 | ± 0,3 | 51 | 0,175 |
| 14 | - | 13,5 | 17,5 | ± 0,3 | 51 | 0,185 |
| 14 | - | 14 | 18,2 | ± 0,3 | 53 | 0,195 |
| 15 | 13,5 | 15 | 19,2 | ± 0,3 | 56 | 0,21 |
| 16 | - | 16 | 20,2 | ± 0,3 | 58 | 0,22 |
| 17 | 16 | 17 | 21,2 | ± 0,3 | 60 | 0,235 |
| 18 | - | 18 | 22,2 | ± 0,3 | 64 | 0,245 |
| 20 | - | 20 | 25,4 | ± 0,3 | 69 | 0,37 |
| 21 | - | 21 | 26,4 | ± 0,3 | 74 | 0,385 |
| 22 | 21 | 21,8 | 27,2 | ± 0,3 | 75 | 0,4 |
| 23 | - | 23 | 28,4 | ± 0,3 | 77 | 0,42 |
| 25 | - | 25 | 30,4 | ± 0,3 | 82 | 0,45 |
| 28 | - | 28 | 33,4 | ± 0,3 | 90 | 0,5 |
| 29 | 29 | 29,2 | 35,8 | ± 0,4 | 93 | 0,56 |
| 30 | - | 30 | 36,6 | ± 0,4 | 96 | 0,58 |
| 31 | - | 31 | 37,6 | ± 0,4 | 98 | 0,6 |
| 32 | - | 32 | 38,6 | ± 0,4 | 101 | 0,615 |
| 35 | - | 35 | 41,6 | ± 0,4 | 109 | 0,665 |
| 36 | - | 36 | 42,6 | ± 0,4 | 112 | 0,685 |
| 38 | 36 | 38,2 | 44,8 | ± 0,4 | 117 | 0,73 |
| 40 | - | 40 | 46,6 | ± 0,4 | 122 | 0,765 |
| 45 | 42 | 45,2 | 51,8 | ± 0,4 | 136 | 0,85 |
| 47 | - | 47 | 53,8 | ± 0,4 | 138 | 0,905 |
| 48 | - | 48 | 54,8 | ± 0,5 | 142 | 0,92 |
| 49 | 48 | 49,2 | 56 | ± 0,5 | 145 | 0,95 |
| 50 | - | 50 | 56,8 | ± 0,5 | 148 | 0,955 |
| 51 | - | 51 | 57,8 | ± 0,5 | 151 | 0,975 |

1.2.3 TYPE SD



Primjena:

- Univerzalno zaštitno crijevo s brtvom, također se može koristiti kao crijevo za odvod i ispušne plinove

Karakteristike:

- Vrlo fleksibilno
- Otporno na napetosti
- Visoka otpornost na drobljenje

Izvedbe:

- Usisno crijevo, pocinčani čelik, tip SD-S-B
- Usisno crijevo, nehrđajući čelik, tip SD-E-K

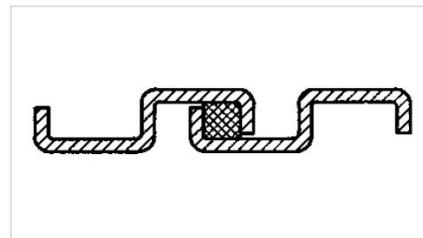
Standardna vrsta materijala:

- Pocinčani čelik (1.0330) do DN 18
- Vruće pocinčani čelik (1.0226) od DN 20
- Nehrđajući čelik (1.4301)

Radna temperatura:

- Pocinčani čelik: 350 °C
- Nehrđajući čelik: 600 °C

1.2.3 TYPE SD



Applications:

- Universal protective hose with gasket, also usable as extraction and exhaust gas hose

Characteristics:

- Very flexible
- Tension-proof
- With high crushing strength

Types:

- Extraction hose, zinc-plated steel, type SD-S-B
- Extraction hose, stainless steel, type SD-E-K

Materials:

- Galvanised steel (1.0330) to DN 18
- Hot-dip galvanised steel (1.0226) from DN 20
- Stainless steel (1.4301)

Operating temperature:

- Zinc-plated steel: 350°C
- Stainless steel: 600 °C

1.2.3 TYPE SD

| DN | Inside diameter | Outside diameter | Permissible deviation | Minimum bending radius | Weight approx. |
|----|-----------------|------------------|-----------------------|------------------------|----------------|
| - | d | D | d,D | r _{min} | - |
| - | mm | mm | mm | mm | kg/m |
| 3 | 3 | 5 | ± 0,2 | 40 | 0,06 |
| 4 | 4 | 6 | ± 0,2 | 40 | 0,07 |
| 5 | 5 | 7 | ± 0,2 | 40 | 0,085 |
| 6 | 6 | 8 | ± 0,2 | 35 | 0,095 |
| 7 | 7 | 9 | ± 0,2 | 35 | 0,105 |
| 8 | 8 | 10 | ± 0,2 | 40 | 0,115 |
| 9 | 9 | 11 | ± 0,2 | 40 | 0,14 |
| 10 | 10 | 13 | ± 0,2 | 45 | 0,18 |
| 11 | 10,5 | 13 | ± 0,2 | 45 | 0,19 |
| 11 | 11 | 14 | ± 0,2 | 55 | 0,2 |
| 12 | 12 | 15 | ± 0,2 | 55 | 0,21 |
| 13 | 13 | 16 | ± 0,2 | 60 | 0,215 |
| 14 | 14 | 17,4 | ± 0,2 | 60 | 0,22 |
| 15 | 15 | 18 | ± 0,2 | 70 | 0,24 |
| 16 | 16 | 18,7 | ± 0,2 | 70 | 0,26 |
| 16 | 16 | 19,2 | ± 0,2 | 70 | 0,265 |
| 17 | 17 | 20 | ± 0,2 | 80 | 0,28 |
| 18 | 18 | 21,3 | ± 0,3 | 80 | 0,29 |
| 19 | 19 | 23 | ± 0,3 | 80 | 0,315 |
| 20 | 20 | 24 | ± 0,3 | 90 | 0,335 |
| 22 | 21,5 | 25,5 | ± 0,3 | 90 | 0,37 |
| 23 | 23 | 27 | ± 0,3 | 95 | 0,395 |
| 25 | 24,5 | 28,5 | ± 0,3 | 95 | 0,415 |
| 25 | 25 | 29 | ± 0,4 | 105 | 0,43 |
| 26 | 26 | 30 | ± 0,4 | 105 | 0,46 |
| 30 | 30 | 34 | ± 0,4 | 110 | 0,525 |
| 31 | 30,5 | 34,5 | ± 0,4 | 110 | 0,54 |
| 32 | 31,5 | 35,7 | ± 0,4 | 120 | 0,57 |
| 32 | 32 | 36 | ± 0,4 | 120 | 0,58 |
| 34 | 34 | 38,5 | ± 0,4 | 125 | 0,585 |
| 35 | 35 | 39,5 | ± 0,4 | 130 | 0,6 |
| 36 | 36 | 41,5 | ± 0,4 | 130 | 0,64 |
| 37 | 37 | 42,5 | ± 0,4 | 140 | 0,68 |
| 38 | 38 | 43,5 | ± 0,4 | 145 | 0,72 |
| 39 | 38,5 | 44 | ± 0,4 | 145 | 0,76 |
| 40 | 40 | 45 | ± 0,4 | 150 | 0,83 |
| 41 | 40,5 | 45,7 | ± 0,4 | 150 | 0,68 |
| 44 | 44 | 49,5 | ± 0,4 | 170 | 1,01 |
| 45 | 45 | 50,5 | ± 0,4 | 175 | 1,03 |
| 47 | 46,5 | 52,5 | ± 0,4 | 180 | 1,07 |
| 48 | 48 | 53,5 | ± 0,5 | 190 | 1,1 |

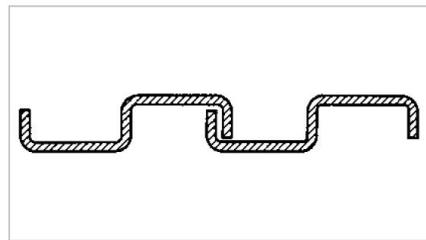


1.2.3 TYPE SD

| <i>DN</i> | <i>Inside diameter</i> | <i>Outside diameter</i> | <i>Permissible deviation</i> | <i>Minimum bending radius</i> | <i>Weight approx.</i> |
|-----------|------------------------|-------------------------|------------------------------|-------------------------------|-----------------------|
| - | d | D | d,D | r_{min} | - |
| - | <i>mm</i> | <i>mm</i> | <i>mm</i> | <i>mm</i> | <i>kg/m</i> |
| 50 | 50 | 56 | ± 0,5 | 200 | 1,16 |
| 52 | 52 | 58 | ± 0,5 | 210 | 1,3 |
| 53 | 53 | 59 | ± 0,5 | 220 | 1,35 |
| 55 | 55 | 61 | ± 0,5 | 250 | 1,4 |
| 60 | 60 | 66 | ± 0,6 | 260 | 1,59 |
| 65 | 65 | 72 | ± 0,6 | 270 | 1,95 |
| 70 | 70 | 77 | ± 0,6 | 280 | 2,1 |
| 75 | 75 | 82 | ± 0,6 | 290 | 2,25 |
| 80 | 80 | 87 | ± 0,6 | 300 | 2,4 |
| 90 | 90 | 100 | ± 0,7 | 315 | 2,62 |
| 100 | 100 | 110,5 | ± 0,7 | 330 | 2,85 |
| 110 | 110 | 120,5 | ± 0,7 | 360 | 3,11 |
| 120 | 120 | 131,5 | ± 0,7 | 400 | 3,4 |
| 125 | 125 | 136,5 | ± 0,7 | 400 | 3,45 |



1.2.4 TYPE SV



Primjena:

- Zaštitno crijevo za energetske vodiče, hidraulične vodove te kao transportno crijevo

Karakteristike:

- Vrlo fleksibilno
- Otporno na napetosti
- Visoka otpornost na poprečni tlak

Izvedbe:

- Pravokutno zaštitno crijevo, pocinčani čelik bez brtve, tip SV-S-O
- Pravokutno zaštitno crijevo, pocinčani čelik sa gumenom brtvom, tip SV-S-O
- Pravokutno zaštitno crijevo, pocinčani čelik sa pamučnom brtvom, tip SV-S-B

Standardna vrsta materijala:

- Pocinčani čelik (1.0333)

Applications:

- Protective hose for energy guide chains, hydraulic lines and as conveying hose

Characteristics:

- Very flexible
- Tension-proof
- Resistant to transversal pressure

Types:

- Rectangular protective hose, zinc-plated steel without seal, type SV-S-O
- Rectangular protective hose, zinc-plated steel with rubber joint, type SV-S-G
- Rectangular protective hose, zinc-plated steel with cotton packing, type SV-S-B

Materials:

- Galvanised steel (1.0333)



1.2.4 TYPE SV

| Nominal size | | Outside diameter | | Inside diameter | | Minimum bending radius | | Weight approx. |
|--------------|---------------------------------|-----------------------|---------------------------------|-----------------------|------------------|------------------------|------|----------------|
| NS | D ₁ , D ₂ | Permissible deviation | d ₁ , d ₂ | Permissible deviation | r _{min} | Permissible deviation | - | |
| mm | mm | mm | mm | mm | mm | mm | kg/m | |
| 15 | 30 x 50 | ± 1 | 27 x 47 | ± 1 | 70 | -10 | 0,64 | |
| 25 | 50 x 50 | ± 1 | 46,8 x 46,8 | ± 1 | 120 | -10 | 0,82 | |
| 38 | 45 x 85 | ± 1 | 40,8 x 81 | ± 1 | 100 | -10 | 1,28 | |
| 42 | 65 x 65 | ± 1 | 60,8 x 60,8 | ± 1 | 130 | -10 | 1,26 | |
| 51 | 60 x 85 | ± 1 | 55,8 x 81 | ± 1 | 130 | -10 | 1,44 | |
| 69 | 60 x 115 | ± 1 | 54,8 x 110,2 | ± 1 | 130 | -20 | 2,37 | |
| 92 | 80 x 115 | ± 1 | 74,6 x 110 | ± 1 | 170 | -20 | 2,66 | |
| 126 | 90 x 140 | ± 1 | 84,6 x 135 | ± 1 | 180 | -20 | 3,15 | |
| 140 | 80 x 175 | ± 1 | 74,4 x 169,8 | ± 1 | 170 | -20 | 3,54 | |
| 154 | 110 x 140 | ± 1 | 104,2 x 135,2 | ± 1 | 250 | -20 | 3,6 | |
| 193 | 110 x 175 | ± 1 | 104,2 x 169,6 | ± 1 | 250 | -20 | 3,97 | |
| 242 | 110 x 220 | ± 1,5 | 104,4 x 214,4 | ± 1,5 | 250 | -20 | 4,6 | |



2. PTFE CRIJEVA (PTFE HOSES)

Metalna crijeva nisu prikladna za svaku industriju ili svako okruženje. PTFE crijeva su, naprotiv, savršena za gotovo sve tekuće, krute i plinovite medije. Crijeva od PTFE-a imaju izvrsnu kemijsku otpornost, bit će bez mirisa i okusa (važno za odobrenje FDA) i nizak koeficijent trenja tako da se medij ne može pričvrstiti na crijevo. Ostale prednosti uključuju širok raspon temperatura, otpornost na UV-svjetlo i habanje te antistatička svojstva.

Važna svojstva:

- Izvrsna otpornost na kemikalije i koroziju
- Širok raspon temperature i tlaka
- Nizak koeficijent trenja
- Bez okusa i mirisa
- Otporan na udarce
- Antistatička svojstva
- Odobrenje FDA

Primjena:

- Prigušivači vibracija
- Sustavi goriva i hlađenja
- Prijenos medija u prehrambenoj i farmaceutskoj industriji
- Izolacijska cijev u električnim primjenama

U našem programu nudimo:

- Glatka PTFE crijeva
- Valovita PTFE crijeva



2. PTFE CRIJEVA (PTFE HOSES)

Metal hoses aren't fit for every industry or every environment. PTFE hoses, on the contrary, are the perfect fit for almost all liquid, solid and gaseous media. Hoses out of PTFE will have an excellent chemical resistance, will be odorless and tasteless (important for FDA approval) and will exhibit a low coefficient of friction so media cannot attach itself to the hose.

Other benefits include the wide temperature range, the resistance to UV-light and wear and the anti-static properties.

Key properties:

- Excellent chemical and corrosion resistance
- Wide temperature and pressure range
- Low coefficient of friction
- Tasteless and odorless
- Shock resistant
- Anti-static properties
- FDA approval

Applications:

- Vibration dampers
- Fuel and cooling systems
- Transporting media in food and pharmaceutical industry
- Cryogenic media
- Insulating tube in electrical applications

In our program we offer:

- Smooth PTFE hoses
- Convuluted PTFE hoses



2.1 GLATKA PTFE CRIJEVA (SMOOTH PTFE HOSES)

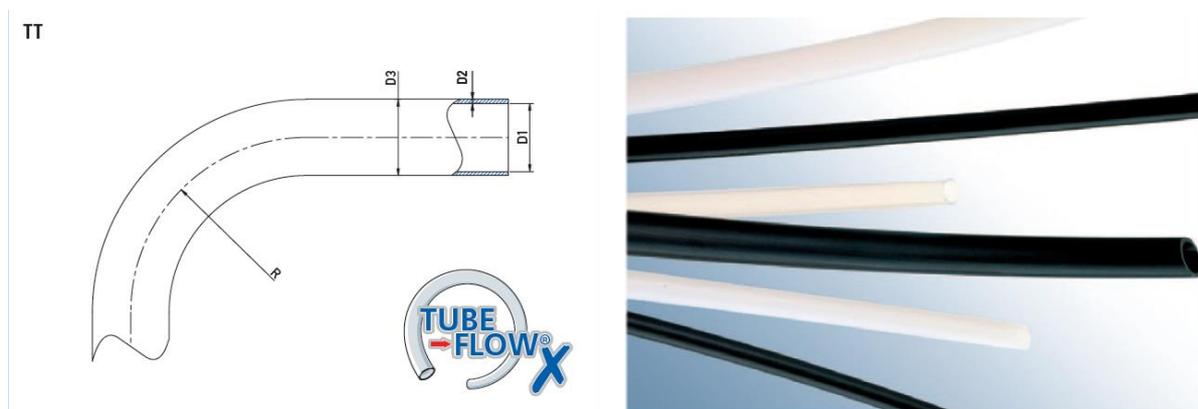
2.1.1 Tube-Flow-T (A/T)

PTFE tankoslojna cijev

PTFE (politetrafluoroetilenske) cijevi standardne debljine stijenke za prijenos proizvoda visoke čistoće, kemikalija, mliječnih i kozmetičkih proizvoda. Prikladan i za izmjenjivače topline i kao zaštitni sloj za kabele.

Radna temperatura: od $-70\text{ }^{\circ}\text{C}$ do $260\text{ }^{\circ}\text{C}$.

Ostale vrste materijala: na upit.



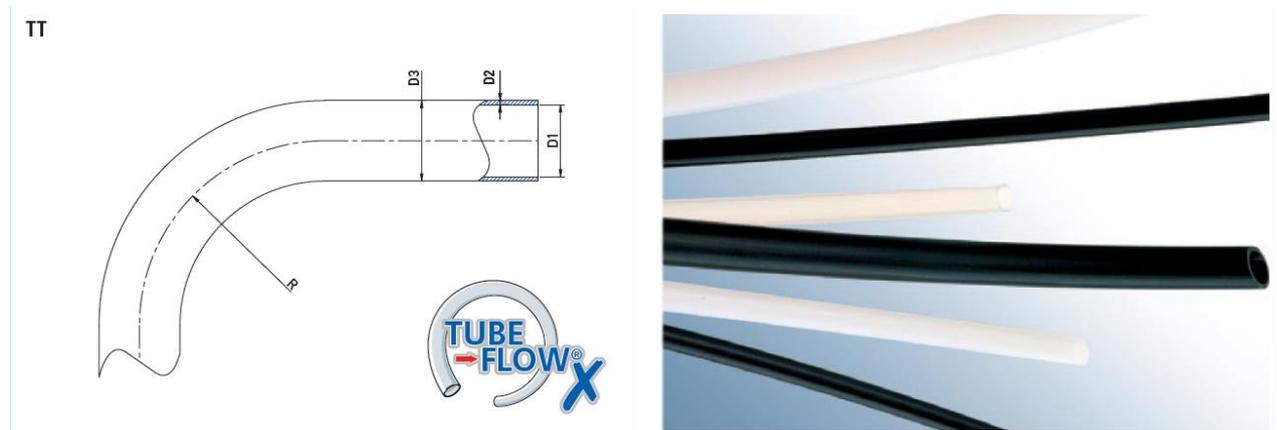
PTFE thin wall tube

Standard wall PTFE (polytetrafluorethylene) tubing for transfer of high purity products, chemicals, dairy and cosmetic products. Also suitable for heat exchangers and as protective sleeve for cables.

Operating temperature: from $-70\text{ }^{\circ}\text{C}$ to $260\text{ }^{\circ}\text{C}$.

Other materials: on request.

2.1.1 Tube-Flow-T (A/T)



| D1 | Max | D2 | D3 | Max | L _{max} | WP bar 20 °C |
|----|-------|-----|----|-------|------------------|-----------------|
| mm | mm | mm | mm | mm | m | mm |
| 1 | 1,2 | 1 | 3 | 3,15 | 100 | 30 |
| 2 | 2,2 | 1 | 4 | 4,15 | 100 | 23 |
| 3 | 3,2 | 1 | 5 | 5,15 | 100 | 18 |
| 4 | 4,2 | 1 | 6 | 6,15 | 250 | 15 |
| 5 | 5,25 | 1 | 7 | 7,15 | 225 | 13 |
| 6 | 6,25 | 1 | 8 | 8,15 | 200 | 11 |
| 8 | 8,3 | 1 | 10 | 10,15 | 150 | 9 |
| 10 | 10,3 | 1 | 12 | 12,15 | 125 | 8 |
| 12 | 12,35 | 1 | 14 | 14,15 | 100 | 7 |
| 14 | 14,35 | 1 | 16 | 16,15 | 85 | 6 |
| 16 | 16,4 | 1 | 18 | 18,15 | 75 | 5 |
| 18 | 18,4 | 1 | 20 | 20,15 | 70 | 5 |
| 20 | 20,4 | 1 | 22 | 22,2 | 60 | 4 |
| 22 | 22,5 | 1,5 | 25 | 25,2 | 35 | 6 |
| 25 | 25,5 | 1,5 | 28 | 28,2 | 33 | 5 |
| 26 | 26,5 | 1 | 28 | 28,2 | 20 | 3 |
| 30 | 30,5 | 2 | 34 | 34,2 | 20 | 6 |
| 32 | 32,5 | 2 | 36 | 36,2 | 20 | 5 |
| 38 | 38,5 | 2 | 42 | 42,2 | 20 | 4 |
| 40 | 40,5 | 2 | 44 | 44,2 | 20 | 4 |
| 44 | 44,5 | 3 | 50 | 50,2 | 20 | 6 |
| 48 | 48,5 | 2 | 52 | 52,2 | 20 | 4 |
| 50 | 50,5 | 2 | 54 | 54,2 | 15 | 3 |

2.1.2 Tube-Flow-P (A/P)

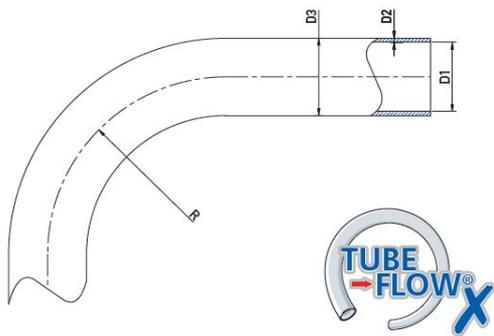
PFA tankoslojna cijev

PFA cijevi standardne debljine stijenke za prijenos proizvoda visoke čistoće, kemikalija, mliječnih i kozmetičkih proizvoda. Prikladan i za izmjenjivače topline i kao zaštitni omot za kabele.

Radna temperatura: od $-70\text{ }^{\circ}\text{C}$ do $260\text{ }^{\circ}\text{C}$.

Ostale vrste materijala: na upit.

PT



PFA thin wall tube

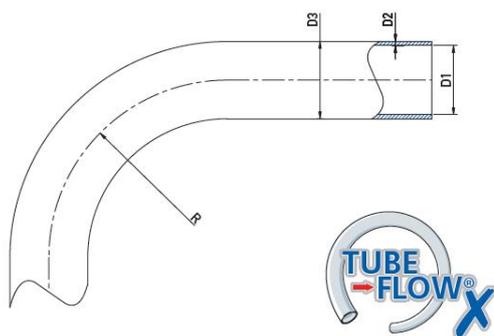
Standard wall PFA tubing for transfer of high purity products, chemicals, dairy and cosmetic products. Also suitable for heat exchangers and as protective sleeve for cables.

Operating temperature: from $-70\text{ }^{\circ}\text{C}$ to $260\text{ }^{\circ}\text{C}$.

Other materials: on request.

2.1.2 Tube-Flow-P (A/P)

PT



| D1 | Max | D2 | D3 | Max | L _{max} | WP bar 20 °C |
|----|-------|-----|----|------|------------------|-----------------|
| mm | mm | mm | mm | mm | m | mm |
| 1 | 1,2 | 1 | 3 | 4 | 100 | 30 |
| 2 | 2,2 | 1 | 4 | 5 | 100 | 23 |
| 3 | 3,2 | 1 | 5 | 6 | 100 | 18 |
| 4 | 4,2 | 1 | 6 | 7 | 250 | 15 |
| 5 | 5,25 | 1 | 7 | 8 | 225 | 13 |
| 6 | 6,25 | 1 | 8 | 9 | 200 | 11 |
| 8 | 8,3 | 1 | 10 | 11 | 150 | 9 |
| 10 | 10,3 | 1 | 12 | 13 | 125 | 8 |
| 12 | 12,35 | 1 | 14 | 15 | 100 | 7 |
| 14 | 14,35 | 1 | 16 | 17 | 85 | 6 |
| 16 | 16,4 | 1 | 18 | 19 | 75 | 5 |
| 18 | 18,4 | 1 | 20 | 21 | 70 | 5 |
| 20 | 20,4 | 1 | 22 | 23 | 60 | 4 |
| 22 | 22,5 | 1,5 | 25 | 26,5 | 35 | 6 |
| 25 | 25,5 | 1,5 | 28 | 29,5 | 33 | 5 |

2.1.3 Speed-Flow-B (A/B)

Glatko PTFE crijevo velikog provrta s opletom od nehrđajućeg čelika – standardna debljina stijenke

Speed-Flow-B izražen je od čistog PTFE (politetrafluoretilena) s opletom od nehrđajućeg čelika AISI 304 visoke vlačne čvrstoće.

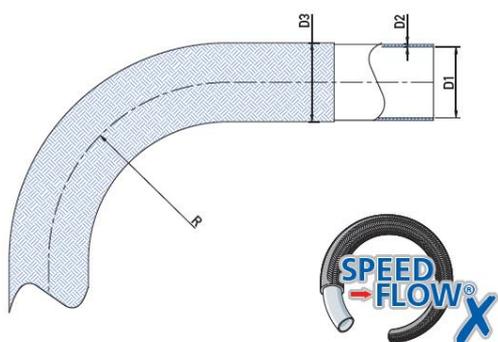
Priključci:

- Hidraulični priključci
- Industrijske spojke

Radna temperatura: od -70 °C do 260 °C.

Ostale vrste materijala: na upit.

T1B



Smooth, big bore PTFE hose, with stainless steel braid - standard wall

Speed-Flow-B is manufactured from virgin PTFE (polytetrafluorethylene) resin with AISI 304 stainless steel, high tensile braid.

Fittings:

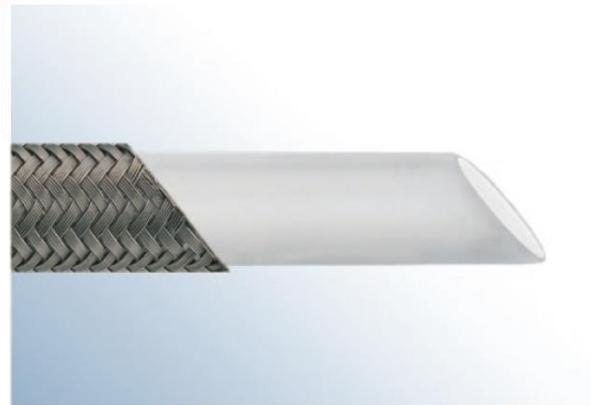
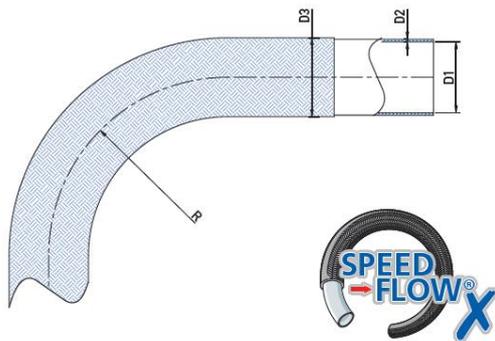
- Fittings with Hydraulic Tail
- Industrial couplings

Operating temperature: from -70 °C to 260 °C.

Other materials: on request.

2.1.3 Speed-Flow-B (A/B)

T1B



| Size | D1 | | D2 | D3 | | R | WP | BP | Weight |
|------|-------|-------|------|-------|-------|-----|-----|-----|--------|
| | min | max | min | min | max | | | | |
| 4,9 | 4,65 | 5,16 | 0,9 | 7,32 | 8,43 | 51 | 276 | 828 | 90 |
| 5,1 | 4,85 | 5,36 | 0,9 | 7,49 | 8,61 | 64 | 264 | 793 | 94 |
| 6,7 | 6,45 | 6,96 | 0,75 | 8,83 | 9,86 | 76 | 224 | 672 | 92 |
| 8,4 | 8,15 | 8,66 | 0,65 | 10,54 | 11,56 | 102 | 207 | 621 | 141 |
| 10,3 | 9,93 | 10,64 | 0,65 | 12,78 | 14,1 | 133 | 183 | 552 | 148 |
| 13,4 | 13,06 | 13,36 | 0,9 | 15,88 | 17,22 | 152 | 161 | 483 | 249 |
| 16,6 | 16,1 | 17,12 | 0,9 | 18,95 | 20,57 | 178 | 114 | 345 | 290 |
| 19,8 | 19,3 | 20,32 | 1 | 22,15 | 23,77 | 203 | 103 | 310 | 339 |
| 22,1 | 21,59 | 22,61 | 1 | 24,46 | 26,09 | 229 | 92 | 276 | 382 |
| 26,1 | 25,6 | 26,62 | 1,2 | 28,45 | 30,07 | 305 | 80 | 241 | 461 |



2.1.4 Speed-Flow-SI (A/SI)

Glatko PTFE crijevo velikog provtra, s opletom od nehrđajućeg čelika prekriveno ekstrudiranom slikonskom gumom – standardna debljina stijenke

Speed-Flow-SI proizveden je od čiste PTFE (politetrafluoretilenske) smole s opletom od nehrđajućeg čelika AISI 304 visoke vlačne čvrstoće. Oplet je presvučen ekstrudiranom silikonskom gumom koja osigurava visoku fleksibilnost i lako čišćenje. Silikonski poklopac je bijeli, usklađen s FDA-om i platinasto polimeriziran.

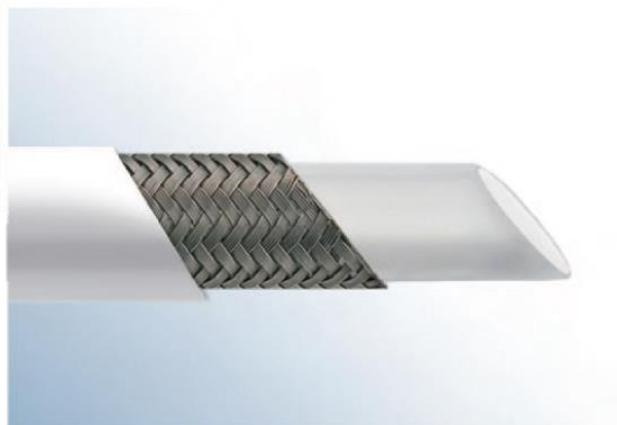
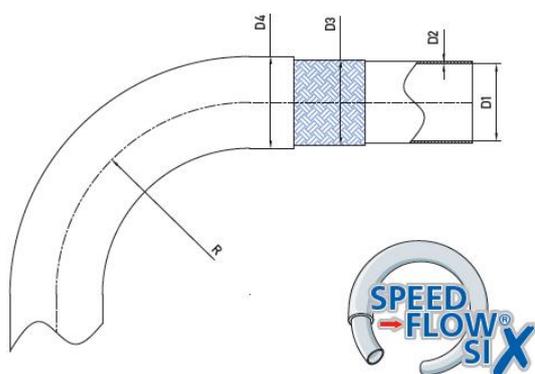
Priključci:

- Hidraulični priključci
- Industrijske spojke
- Za montažu pomoću posebnih ferula

Radna temperatura: od -70 °C do 200 °C.

Ostale vrste materijala: na upit.

T1BSI



Smooth, big bore PTFE hose, stainless steel braid covered with extruded silicone rubber – standard wall

Speed Flow-SI® is manufactured from virgin PTFE (polytetrafluorethylene) resin with AISI 304 stainless steel, high tensile braid. The braid is overlaid with extruded Silicone rubber, which ensures a high flexibility and easy cleanability. The Silicon cover is white, FDA compliant and platinum cured.

Fittings:

- Fittings with Hydraulic Tail
- Industrial couplings
- To be assembled with special ferrules

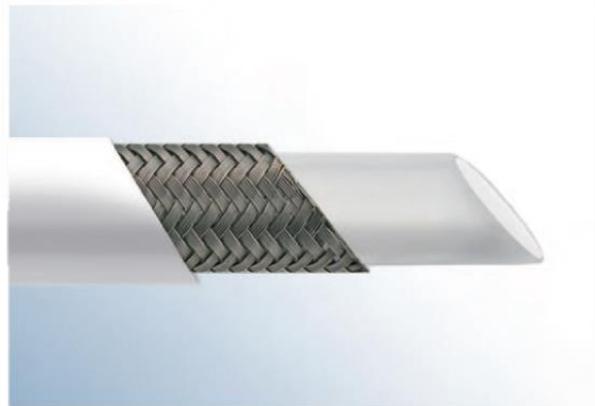
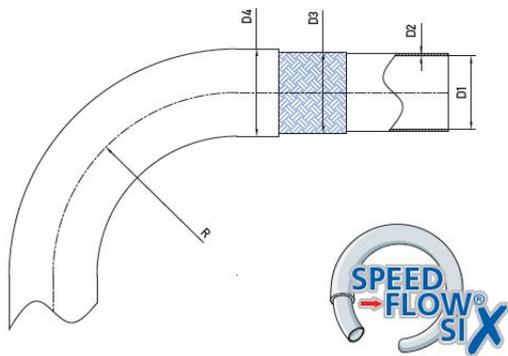
Operating temperature: from -70 °C to 200 °C.

Other materials: on request.



2.1.4 Speed-Flow-SI (A/SI)

T1BSI



| Size | Size | D1 | D2 | D3 | D4 | R | WP | BP | Weight |
|-------|------|-------|------|-------|-------|-----|-----------|-----|--------|
| inch | mm | mm | mm | mm | mm | mm | bar 20 °C | | gr/m |
| 1/4" | 6.7 | 6,71 | 0,75 | 9,35 | 15,35 | 76 | 224 | 672 | 252 |
| 5/16" | 8.4 | 8,41 | 0,65 | 11,05 | 17,05 | 102 | 207 | 621 | 323 |
| 3/8" | 10.3 | 10,29 | 0,65 | 13,44 | 19,44 | 133 | 183 | 552 | 361 |
| 1/2" | 13.4 | 13,3 | 0,9 | 16,55 | 22,55 | 152 | 161 | 483 | 503 |
| 5/8" | 16.6 | 16,76 | 0,9 | 19,76 | 24,76 | 178 | 114 | 345 | 531 |
| 3/4" | 19.8 | 19,81 | 1,00 | 22,96 | 27,96 | 203 | 103 | 310 | 614 |
| 7/8" | 22.1 | 22,1 | 1,00 | 25,28 | 30,28 | 229 | 92 | 276 | 683 |
| 1" | 26.1 | 26,11 | 1,20 | 29,26 | 34,26 | 305 | 80 | 241 | 805 |



2.1.5 Speed-Flow-D/1/B (D/1/A/B)

Glatko PTFE crijevo velikog provrta, dvostruki oplet od nehrđajućeg čelika – standardna debljina stijenke

Speed-Flow-D/1/B proizveden je od čiste PTFE (politetrafluoretilenske) smole s dvostrukim opletom od nehrđajućeg čelika AISI 304, koji odgovara hidraučkim armaturama u primjeni pri visokim tlakom.

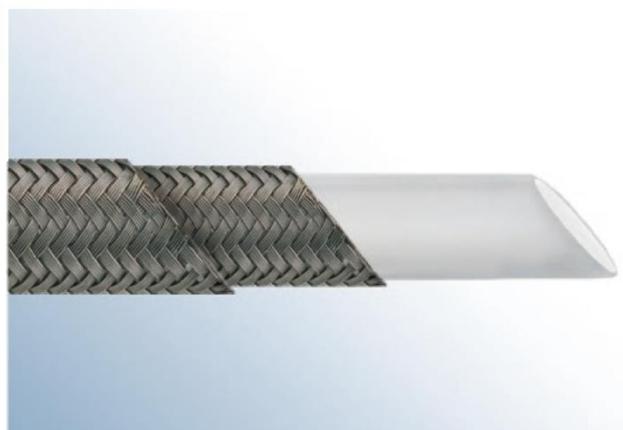
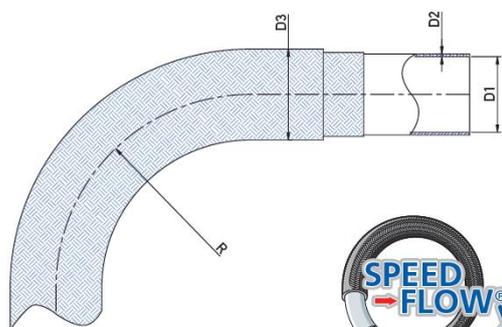
Priključci:

- Hidraučni priključci
- Industrijske spojke

Radna temperatura: od -70 °C do 260 °C.

Ostale vrste materijala: na upit.

TD1B



Smooth big bore PTFE hose, double stainless steel braid – standard wall

Speed-Flow-D/1/B is manufactured from virgin PTFE (polytetrafluorethylene) resin with a double AISI 304 stainless steel, high tensile braid to suit hydraulic fittings in high pressure applications.

Fittings:

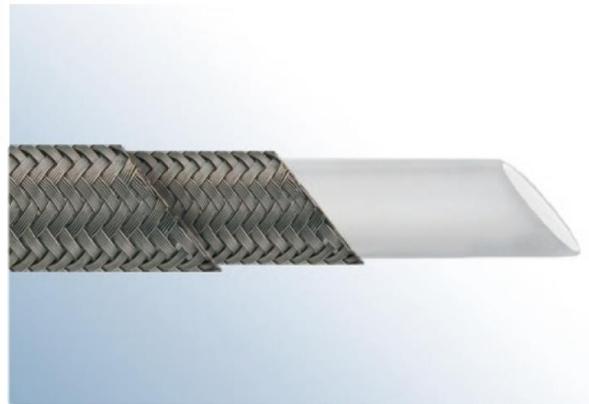
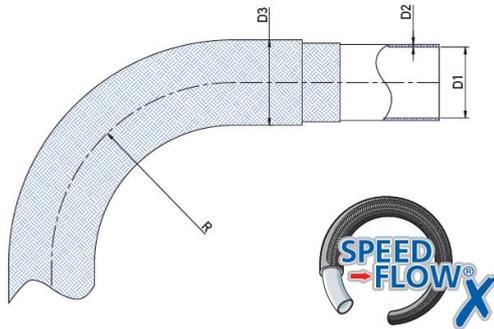
- Fittings with Hydraulic Tail
- Industrial couplings

Operating temperature: from -70 °C to 260 °C.

Other materials: on request.

2.1.5 Speed-Flow-D/1/B (D/1/A/B)

TD1B



| Size | D1 | | D2 | D3 | R | WP | BP | Weight |
|------|-------|-------|------|-------|-----|-----------|-----|--------|
| | min | max | min | min | mm | bar 20 °C | | |
| 4,9 | 4,65 | 5,16 | 0,9 | 8,89 | 75 | 322 | 966 | 150 |
| 5,1 | 4,85 | 5,36 | 0,9 | 9,07 | 75 | 310 | 931 | 152 |
| 6,7 | 6,45 | 6,96 | 0,76 | 10,47 | 85 | 253 | 759 | 179 |
| 8,4 | 8,15 | 8,66 | 0,64 | 12,57 | 130 | 237 | 710 | 241 |
| 10,3 | 9,93 | 10,64 | 0,9 | 14,68 | 135 | 206 | 621 | 311 |
| 13,4 | 13,06 | 13,36 | 0,9 | 18,09 | 165 | 189 | 566 | 411 |
| 16,6 | 16,1 | 17,12 | 0,9 | 20,88 | 195 | 133 | 414 | 470 |
| 19,8 | 19,3 | 20,32 | 1 | 25,54 | 225 | 126 | 379 | 551 |
| 22,1 | 21,59 | 22,61 | 1 | 26,8 | 230 | 115 | 345 | 623 |
| 26,1 | 25,6 | 26,62 | 1,2 | 30,79 | 305 | 93 | 280 | 732 |



2.1.6 Smooth-Flow-S (A/S)

Fleksibilno PTFE crijevo glatkog provrta sa spiralom od nehrđajućeg čelika – standardna debljina stijenke

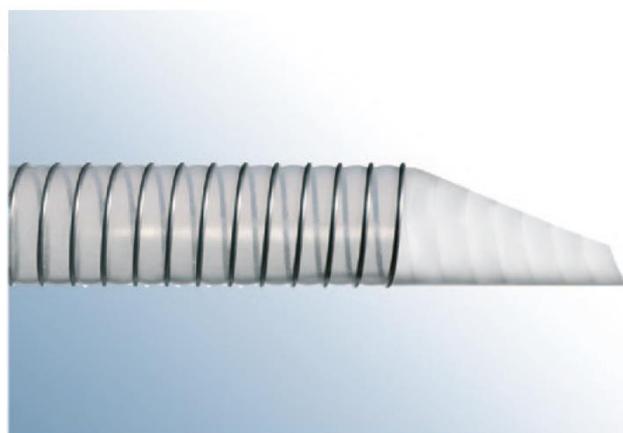
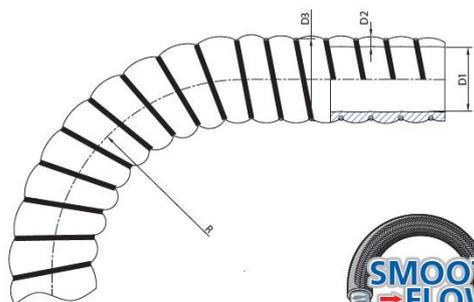
Ultra higijensko PTFE (politetrafluoretilen) crijevo sa spiralom od nehrđajućeg čelika. Crijevo ima iznimno dobra svojstva otpornosti na vakuum i savijanje za ekstremne performanse.

Smooth-Flow-S izvodi se za primjene u kojima je imperativ ultra higijensko crijevo i visoka fleksibilnost, npr. Prehrambena, bio, farmaceutska i kozmetička industrija. Dostupno samo u potpunom obliku crijeva.

Radna temperatura: od -70 °C do 260 °C.

Ostale vrste materijala: na upit.

TWFS



Ultra hygienic non-convoluted PTFE (polytetrafluorethylene) liner with stainless steel helix. The hose has exceptionally good vacuum and kink resistance properties for extreme performance.

Smooth-Flow-S should be specified for applications where Ultra hygienic non-convoluted hose and high flexibility are imperative, e.g. Food, Bio, Pharmaceutical and Cosmetic industry. Only available in complete hose assembly form.

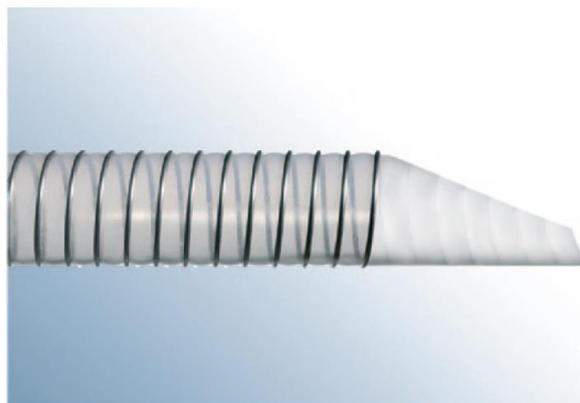
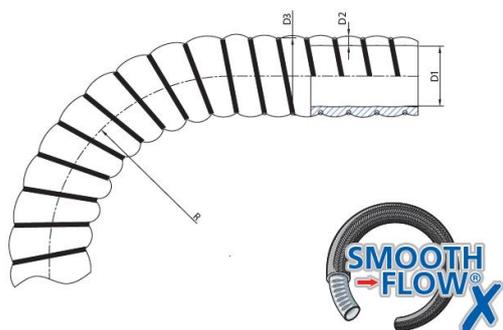
Operating temperature: from -70 °C to 260 °C.

Other materials: on request.



2.1.6 Smooth-Flow-S (A/S)

TWFS



| Size | D ₁ | D ₂ | D ₃ | R | WP | BP | Weight |
|--------|----------------|----------------|----------------|-----|-----------|----|--------|
| inch | min | min | min | mm | bar 20 °C | | gr/m |
| 1/2" | 11,5 | 1,25 | 16,2 | 38 | 7 | 28 | 150 |
| 5/8" | 15,5 | 1,25 | 20,2 | 42 | 5 | 20 | 180 |
| 3/4" | 20 | 1,5 | 25,2 | 50 | 5 | 20 | 200 |
| 1" | 22,8 | 1,5 | 28 | 70 | 5 | 20 | 360 |
| 1 1/4" | 30,5 | 1,5 | 35,7 | 85 | 5 | 20 | 450 |
| 1 1/2" | 36,5 | 2,00 | 44,5 | 100 | 5 | 20 | 660 |
| 2" | 48,5 | 2,00 | 56,5 | 140 | 5 | 20 | 950 |



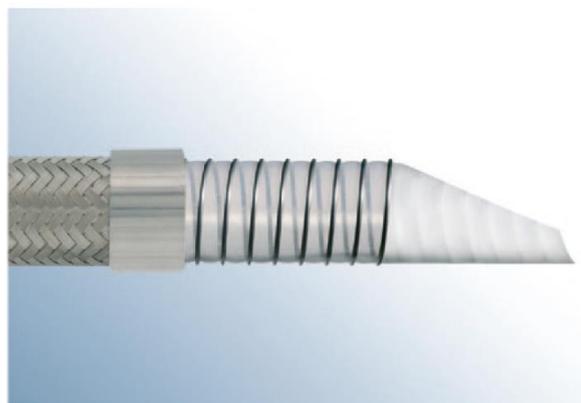
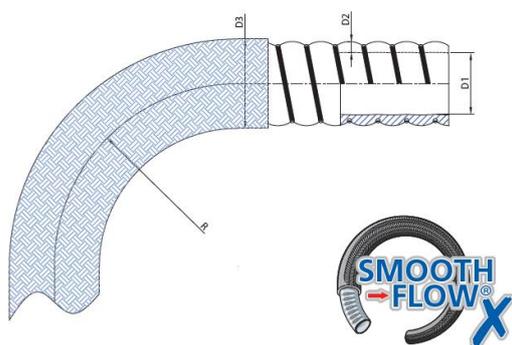
2.1.7 Smooth-Flow-S/B1 (A/S/B1)

Fleksibilno PTFE crijevo glatkog provrta, sa spiralom i opletom od nehrđajućeg čelika – standardna debljina stijenke

Ultra higijensko PTFE (politetrafluoretilensko) crijevo sa spiralom i AISI 304 opletom od nehrđajućeg čelika. Iznimno dobra svojstva otpornosti na vakuum i savijanje za ekstremne performanse.

Smooth-Flow-S/B1 izvodi se za primjene u kojima je imperativ ultra higijensko crijevo i visoka fleksibilnost, npr. prehrambena, bio, farmaceutska i kozmetička industrija. Dostupno samo u potpunom obliku crijeva.

TWFSB1



Smooth bore flexible PTFE hose with stainless steel helix and high tensile stainless steel braid - standard wall

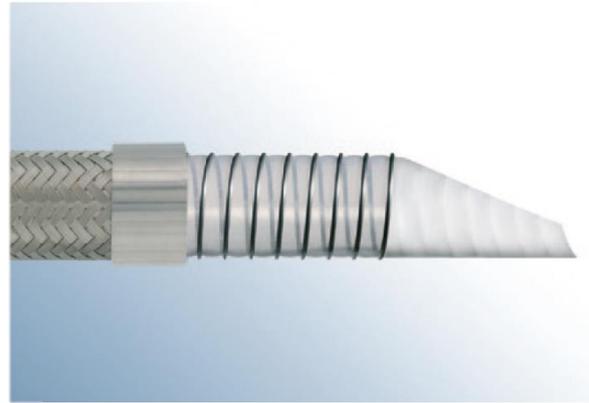
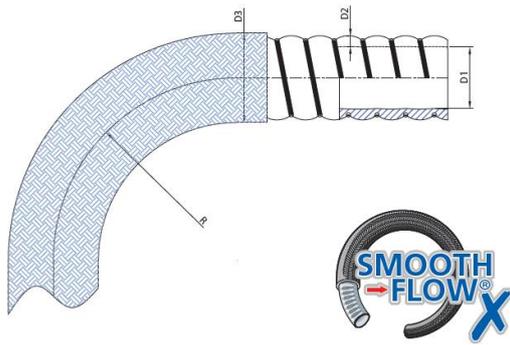
Ultra hygienic non-convoluted PTFE (polytetrafluorethylene) liner with stainless steel helix and a AISI 304 high tensile, stainless steel braid.

The hose has exceptionally good vacuum- and kink resistance properties for extreme performance.

Smooth-Flow-S/B1 should be specified for applications where Ultra hygienic non-convoluted hose and high flexibility are imperative, e.g. Food, Bio, Pharmaceutical and Cosmetic industry. Only available in complete hose assembly form.

2.1.7 Smooth-Flow-S/B1 (A/S/B1)

TWFSB1



| Size | D ₁ | D ₂ | D ₃ | R | WP | BP | Weight |
|-------------|----------------|----------------|----------------|-----------|------------------|-----|-------------|
| <i>inch</i> | <i>average</i> | <i>min</i> | <i>average</i> | <i>mm</i> | <i>bar 20 °C</i> | | <i>gr/m</i> |
| 1/2" | 11,5 | 1,25 | 15,8 | 38 | 50 | 250 | 290 |
| 5/8" | 15,5 | 1,25 | 20,5 | 42 | 50 | 250 | 360 |
| 3/4" | 18,5 | 1 | 23,6 | 50 | 60 | 290 | 430 |
| 1" | 22,8 | 1 | 27,7 | 70 | 40 | 210 | 650 |
| 1 1/4" | 30,5 | 1,5 | 36,8 | 85 | 45 | 210 | 750 |
| 1 1/2" | 36,5 | 1,50 | 43,1 | 100 | 40 | 175 | 800 |
| 2" | 48,5 | 1,65 | 55,2 | 140 | 25 | 135 | 950 |

2.2 Valovita PTFE crijeva (Convolute PTFE hoses)

2.2.1 Convo-Flow-S

Valovito PTFE crijevo – standardna debljina stijenke

Spiralno zavijeno PTFE (politetrafluoretilen) niskotlačno crijevo, daje dobru fleksibilnost i otpornost na savijanje

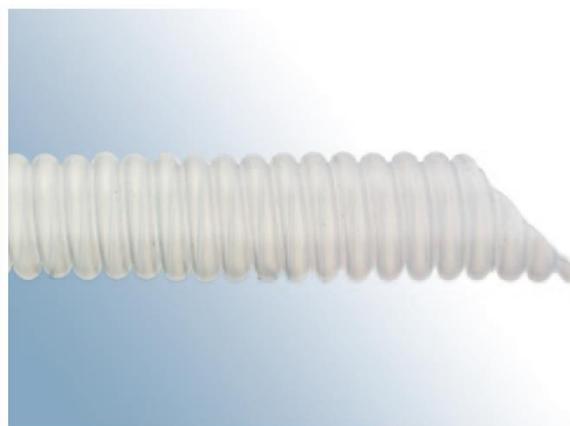
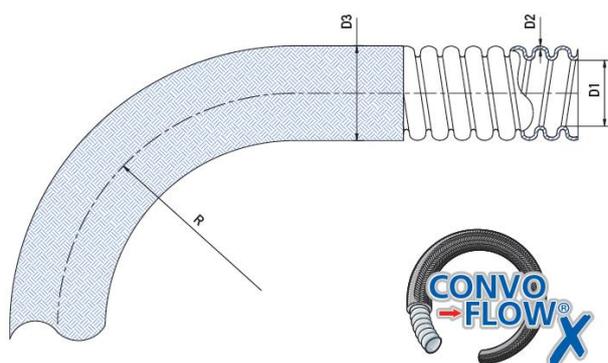
Priključci:

- Priključci sa PTFE nogicom
- Pruključci sa hidrauličnom nogicom
- Industrijski priključci

Radna temperatura: od $-70\text{ }^{\circ}\text{C}$ do $260\text{ }^{\circ}\text{C}$.

Ostale vrste materijala: na upit.

TCSB1



Convoluted PTFE hose – standard wall

A helically convoluted PTFE (polytetrafluorethylene) low pressure hose giving good flexibility and kink resistance.

Fittings:

- Hose fittings with PTFE tail
- Hose fittings with Hydraulic
- Industrial fittings

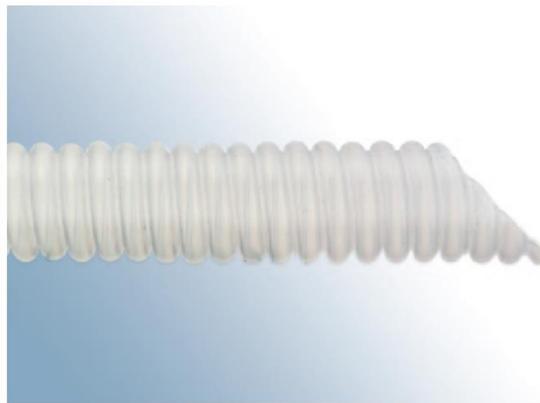
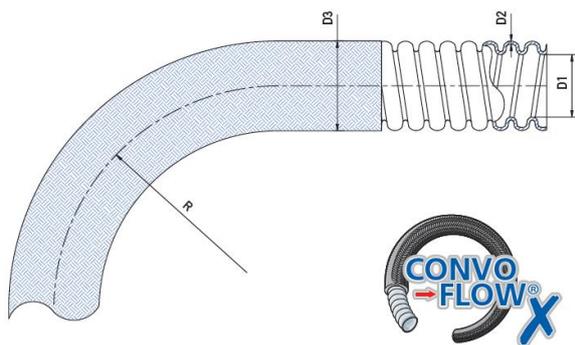
Operating temperature: from $-70\text{ }^{\circ}\text{C}$ to $260\text{ }^{\circ}\text{C}$

Other materials: on request



2.2.1 Convo-Flow-S

TCSB1



| Size | D1 | | D2 | D3 | | R | WP | BP | Vacuum | L _{max} |
|--------|------|------|------|------|------|-----|-----------|----|------------|------------------|
| inch | min | max | min | min | max | mm | bar 20 °C | | mbar 20 °C | m |
| 3/4" | 18,1 | 20,3 | 0,72 | 25,6 | 27,6 | 75 | 1,5 | 6 | 744 | 160 |
| 1" | 24,3 | 26,3 | 1 | 30,5 | 32,5 | 100 | 1,5 | 6 | 744 | 125 |
| 1 1/4" | 31,1 | 33,1 | 1 | 40,8 | 45,2 | 125 | 1,5 | 6 | 744 | 100 |
| 1 1/2" | 37,2 | 39,1 | 1 | 46,5 | 51,5 | 150 | 1,5 | 6 | 744 | 70 |
| 1 3/4" | 44,1 | 46,2 | 1 | 53,2 | 58,8 | 160 | 1,5 | 6 | 744 | 60 |
| 2" | 49,2 | 51,3 | 1 | 57,1 | 63,1 | 175 | 1,5 | 6 | 744 | 50 |



2.2.2 Convo-Flow-S/B1

Valovito PTFE tlačno crijevo s opletom od nehrđajućeg čelika – standardna debljina stijenke

Spiralno zavijena PTFE (politetrafluoretilen) unutarnja cijev s vanjskim opletom od AISI304 nehrđajućeg čelika.

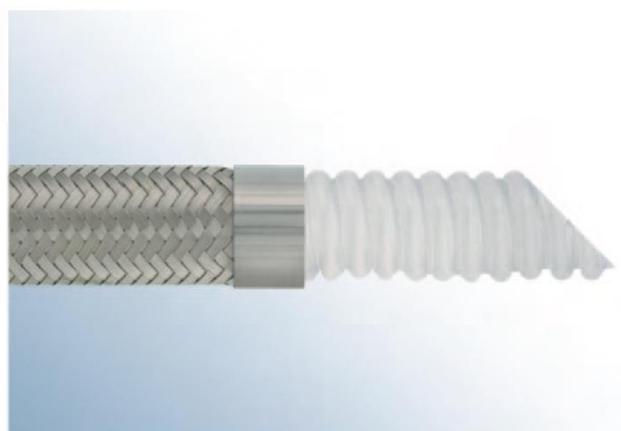
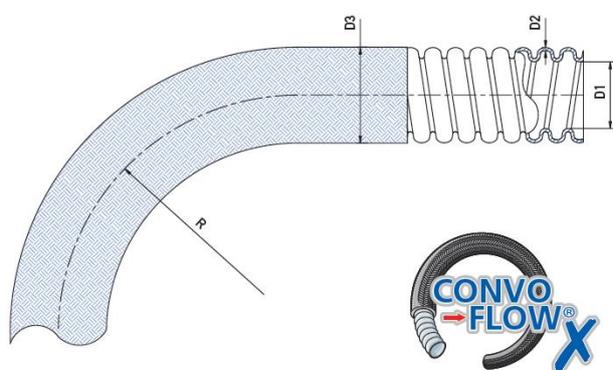
Priključci:

- Priključci sa PTFE nogicom
- Priključci sa hidrauličnom nogicom
- Industrijski priključci

Radna temperatura: od -70 °C do 260 °C.

Ostale vrste materijala: na upit.

TCSB1



Convoluted PTFE pressure hose with stainless steel braid – standard wall

A helically convoluted PTFE (polytetrafluorethylene) inner tube, with an outer cover of AISI304 high tensile stainless steel braid.

Fittings:

- Hose fittings with PTFE tail
- Hose fittings with Hydraulic
- Industrial fittings

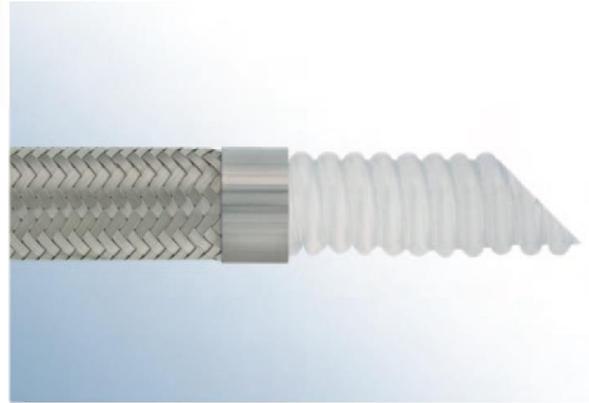
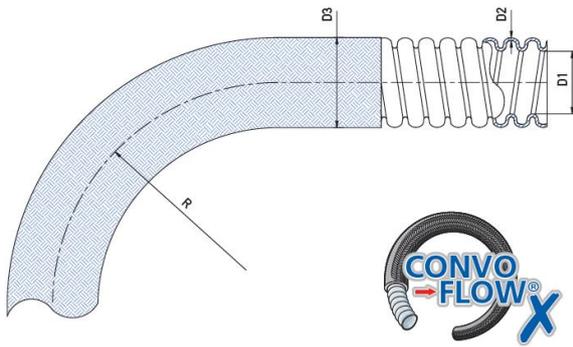
Operating temperature: from -70 °C to 260 °C

Other materials: on request



2.2.2 Convo-Flow-S/B1

TCSB1



| Size | D ₁ | | D ₂ | D ₃ | | R | WP | BP | Vacuum | L _{max} | Weight | |
|--------|----------------|------|----------------|----------------|------|------|-----|----|--------|------------------|--------|------|
| | inch | min | max | min | max | | | | | | | mm |
| 3/4" | | 19,5 | 20,5 | 0,72 | 28,6 | 31,4 | 50 | 60 | 290 | 744 | 20 | 390 |
| 1" | | 24,5 | 25,5 | 1 | 34,2 | 38,2 | 60 | 40 | 210 | 744 | 20 | 540 |
| 1 1/4" | | 31,5 | 32,5 | 1 | 41,9 | 46,1 | 80 | 45 | 210 | 744 | 20 | 680 |
| 1 1/2" | | 36,5 | 37,5 | 1 | 47,2 | 49,9 | 100 | 40 | 175 | 744 | 20 | 1110 |
| 1 3/4" | | 44,5 | 45,5 | 1 | 55,8 | 61,4 | 120 | 25 | 135 | 744 | 20 | 1650 |
| 2" | | 49,5 | 50,5 | 1 | 60,5 | 66,7 | 125 | 25 | 135 | 744 | 20 | 1710 |



2.2.3 Convo-Flow-S/W1

Valovito PTFE crijevo sa vakuumskom žicom – standardna debljina stijenke

Spiralno zavijeno PTFE (politetrafluoretilen) usisno crijevo. Vanjska žica od nehrđajućeg čelika AISI 304 garantira visoku otpornost na vakuum, dobru fleksibilnost i otpornost na savijanje.

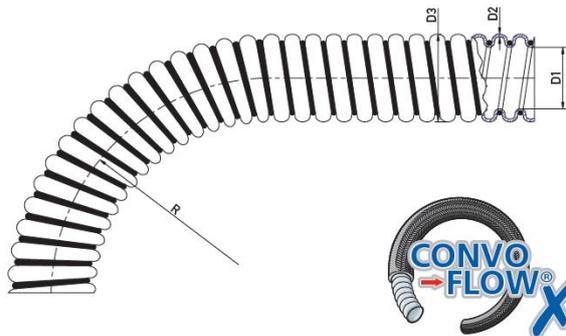
Priključci:

- Priključci sa PTFE nogicom
- Priključci sa hidrauličnom nogicom
- Industrijski priključci

Radna temperatura: od -70 °C do 260 °C.

Ostale vrste materijala: na upit.

TCSW1



Convoluted PTFE hose with vacuum wire – standard wall

A helically convoluted PTFE (polytetrafluorethylene) suction hose- The external AISI 304 wire support guarantees high vacuum resistance, good flexibility and extreme kink resistance.

Fittings:

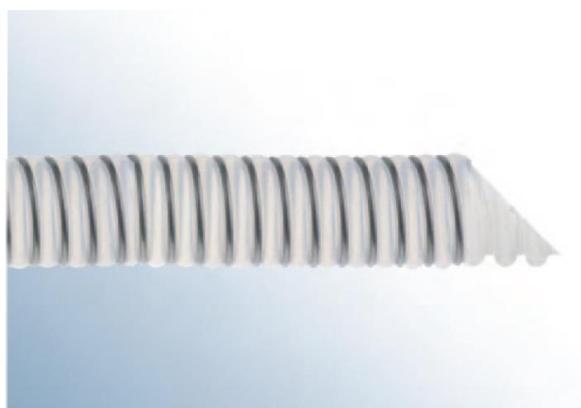
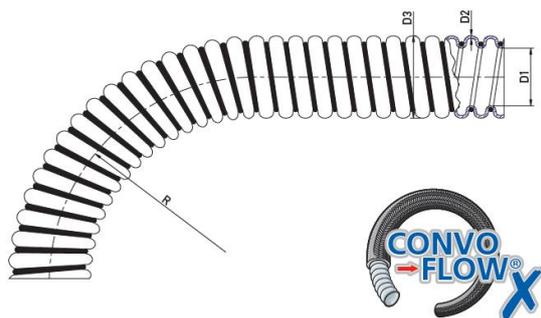
- Hose fittings with PTFE tail
- Hose fittings with Hydraulic
- Industrial fittings

Operating temperature: from -70 °C to 260 °C

Other materials: on request

2.2.3 Convo-Flow-S/W1

TCSW1



| Size | D1 | | D2 | D3 | | R | WP | BP | Vacuum | L _{max} |
|--------|------|------|------|------|------|-----|-----------|----|------------|------------------|
| inch | min | max | min | min | max | mm | bar 20 °C | | mbar 20 °C | m |
| 3/4" | 18,1 | 20,3 | 0,72 | 25,6 | 27,6 | 75 | 1,5 | 6 | 744 | 10 |
| 1" | 24,3 | 26,3 | 1 | 30,5 | 32,5 | 100 | 1,5 | 6 | 744 | 10 |
| 1 1/4" | 31,1 | 33,1 | 1 | 40,8 | 45,2 | 125 | 1,5 | 6 | 744 | 10 |
| 1 1/2" | 37,2 | 39,1 | 1 | 46,5 | 51,5 | 150 | 1,5 | 6 | 744 | 10 |
| 1 3/4" | 44,1 | 46,2 | 1 | 53,2 | 58,8 | 160 | 1,5 | 6 | 744 | 10 |
| 2" | 49,2 | 51,3 | 1 | 57,1 | 63,1 | 175 | 1,5 | 6 | 744 | 10 |



2.2.4 Convo-Flow-S/W1/B1

Valovito PTFE crijevo sa vakuumskom žicom i opletom od nehrđajućeg čelika – standardna debljina stijenke

Spiralno zavijeno PTFE (politetrafluoretilen) usisno crijevo. Vanjska žica i oplet od nehrđajućeg čelika AISI 304 garantira visoku otpornost na vakuum, dobru fleksibilnost i otpornost na savijanje.

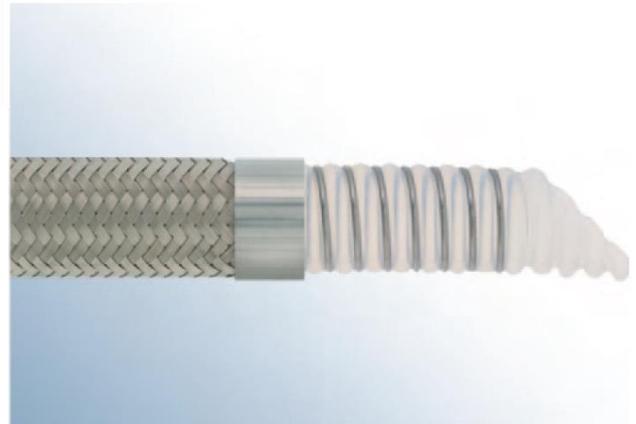
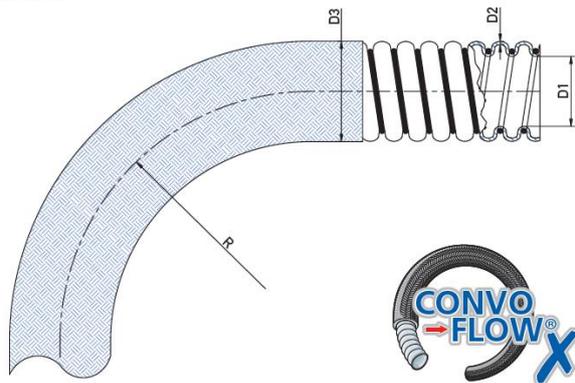
Priključci:

- Priključci sa PTFE nogicom
- Pruključci sa hidrauličnom nogicom
- Industrijski priključci

Radna temperatura: od -70 °C do 260 °C.

Ostale vrste materijala: na upit.

TCSW1B1



Convoluted PTFE hose with vacuum wire and stainless steel braid – standard wall

A helically convoluted PTFE (polytetrafluorethylene) suction/pressure hose. The external AISI 304 wire support and braid guarantees high vacuum resistance, good flexibility and extreme kink resistance.

Fittings:

- Hose fittings with PTFE tail
- Hose fittings with Hydraulic
- Industrial fittings

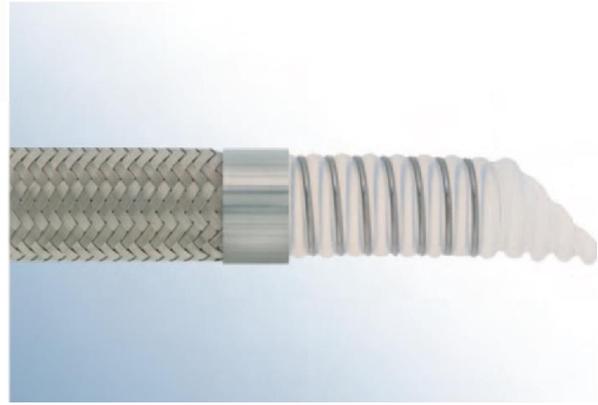
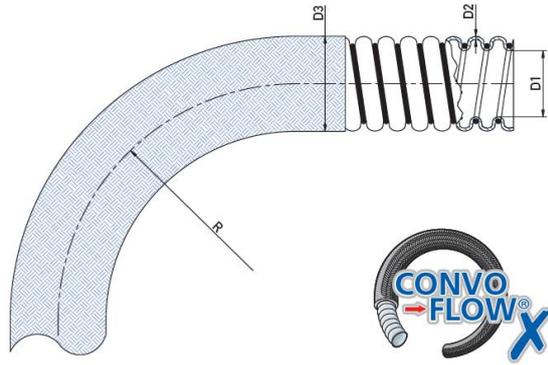
Operating temperature: from -70 °C to 260 °C

Other materials: on request



2.2.4 Convo-Flow-S/W1/B1

TCSW1B1



| Size | D ₁ | | D ₂ | D ₃ | | R | WP | BP | Vacuum | L _{max} | Weight |
|--------|----------------|------|----------------|----------------|------|-----|-----------|-----|------------|------------------|--------|
| inch | min | max | min | min | max | mm | bar 20 °C | | mbar 20 °C | m | gr/m |
| 3/4" | 19,5 | 20,5 | 0,72 | 28,6 | 31,4 | 50 | 60 | 290 | 887 | 10 | 540 |
| 1" | 24,5 | 25,5 | 1 | 34,2 | 38,2 | 60 | 40 | 210 | 887 | 10 | 890 |
| 1 1/4" | 31,5 | 32,5 | 1 | 41,9 | 46,1 | 80 | 45 | 210 | 887 | 10 | 1180 |
| 1 1/2" | 36,5 | 37,5 | 1 | 47,2 | 49,9 | 100 | 40 | 175 | 887 | 10 | 1710 |
| 1 3/4" | 44,5 | 45,5 | 1 | 55,8 | 61,4 | 120 | 25 | 135 | 887 | 10 | 2450 |
| 2" | 49,5 | 50,5 | 1 | 60,5 | 66,7 | 125 | 25 | 135 | 887 | 10 | 2610 |



2.2.5 Convo-Flow-S/W1/B6

Valovito PTFE crijevo s vakuumskom žicom i polipropilenskim opletom – standardna debljina stijenke

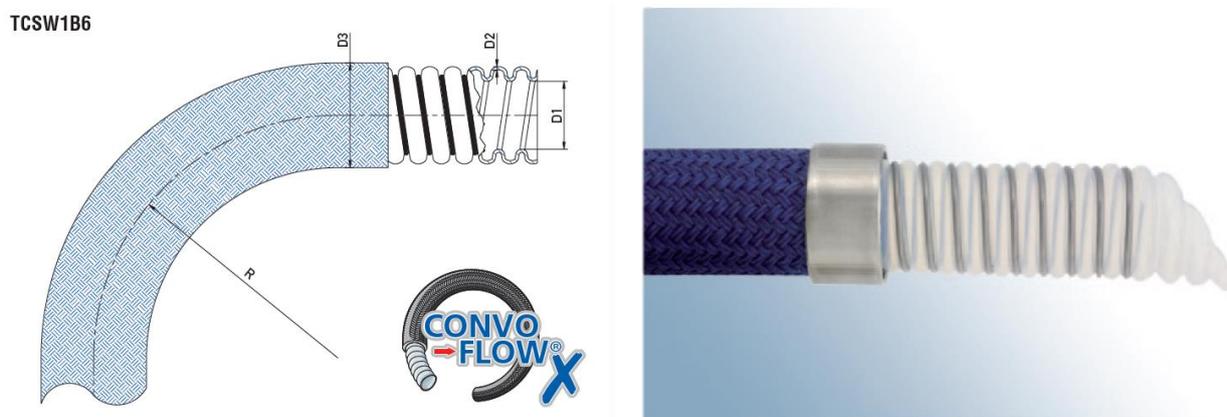
Spiralno zavijeno PTFE (politetrafluoretilen) usisno/tlačno crijevo, s vanjskom vakuumskom žicom i polipropilenskim opletom

Priključci:

- Priključci sa PTFE nogicom
- Priključci sa hidrauličnom nogicom
- Industrijski priključci

Radna temperatura: od -70 °C do 90 °C.

Ostale vrste materijala: na upit.



Convoluted PTFE hose with vacuum wire and polypropylene braid – standard wall

A helically convoluted PTFE (polytetrafluorethylene) suction/pressure hose, with external vacuum wire and polypropylene yarn braid.

Fittings:

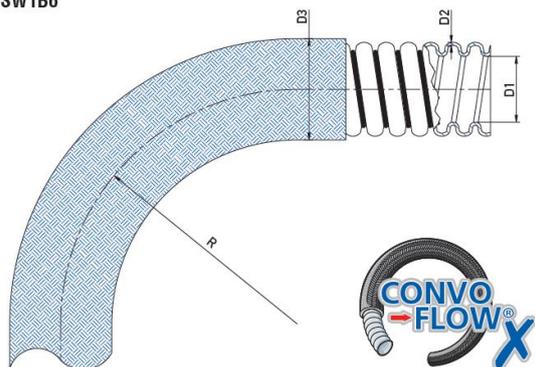
- Hose fittings with PTFE tail
- Hose fittings with Hydraulic
- Industrial fittings

Operating temperature: from -70 °C to 90 °C

Other materials: on request

2.2.5 Convo-Flow-S/W1/B6

TCSW1B6



| Size | D1 | | D2 | D3 | | R | WP | BP | Vacuum | L _{max} | Weight |
|--------|------|------|------|------|------|-----|-----------|----|------------|------------------|--------|
| inch | min | max | min | min | max | mm | bar 20 °C | | mbar 20 °C | m | gr/m |
| 3/4" | 19,5 | 20,5 | 0,72 | 31,1 | 33,9 | 50 | 10 | 40 | 887 | 10 | 490 |
| 1" | 24,5 | 25,5 | 1 | 36,7 | 40,7 | 60 | 10 | 40 | 887 | 10 | 810 |
| 1 1/4" | 31,5 | 32,5 | 1 | 44,4 | 48,6 | 80 | 10 | 40 | 887 | 10 | 1070 |
| 1 1/2" | 36,5 | 37,5 | 1 | 49,7 | 52,4 | 100 | 10 | 40 | 887 | 10 | 1310 |
| 1 3/4" | 44,5 | 45,5 | 1 | 58,3 | 63,9 | 120 | 10 | 40 | 887 | 10 | 1850 |
| 2" | 49,5 | 50,5 | 1 | 62,5 | 69,2 | 125 | 10 | 40 | 887 | 10 | 2050 |



3. Hidraulična crijeva (Hydraulic hoses)

3.1 Hidraulična crijeva prema DIN EN 853

1 SN (DIN EN 853 SAE 100 R1S)

Cijev: sintetička guma otporna na ulje

Ojačanje: oplet od čelične žice visoke čvrstoće

Presvlaka: sintetička guma otporna na abraziju, ozon i vremenske uvjete

Raspon temperature: -40 °C do 100 °C (120 °C max)



Tube: oil resistant synthetic rubber

Reinforcement: one high tensile steel wire braid

Cover: abrasion, ozone and weather resistant synthetic rubber

Temperature range: -40 °C to 100 °C (120 °C max)

| Inside ϕ | | | | Braid ϕ | | Outside ϕ | | Working pressure | | Test pressure | Burst pressure | Bend radius | Weight |
|---------------|--------|------|------|--------------|------|----------------|------|------------------|------|---------------|----------------|-------------|--------|
| DN | inch | min | max | min | max | min | max | bar | psi | bar | bar | mm | kg/m |
| 6 | 1/4" | 6,5 | 6,9 | 10,6 | 11,2 | 12,5 | 13,4 | 225 | 3265 | 540 | 900 | 100 | 0,21 |
| 8 | 5/16" | 8 | 8,5 | 12,1 | 12,8 | 14,3 | 15,2 | 215 | 3120 | 510 | 850 | 115 | 0,24 |
| 10 | 3/8" | 9,6 | 10,1 | 14,5 | 15,2 | 16,2 | 17,1 | 180 | 2610 | 430 | 720 | 125 | 0,33 |
| 12 | 1/2" | 12,8 | 13,4 | 17,5 | 18,3 | 19,4 | 20,4 | 160 | 2320 | 385 | 640 | 180 | 0,41 |
| 16 | 5/8" | 16 | 16,7 | 20,6 | 21,4 | 22,6 | 23,6 | 130 | 1885 | 310 | 520 | 200 | 0,45 |
| 19 | 3/4" | 19,1 | 19,8 | 24,6 | 25,5 | 26,4 | 27,6 | 105 | 1525 | 250 | 420 | 240 | 0,58 |
| 25 | 1" | 25,5 | 26,4 | 32,5 | 33,3 | 34,3 | 35,7 | 88 | 1275 | 210 | 350 | 300 | 0,88 |
| 31 | 1.1/4" | 32 | 33 | 37,3 | 40,5 | 41,8 | 43,2 | 63 | 915 | 150 | 250 | 420 | 1,23 |
| 38 | 1.1/2" | 38,2 | 39,3 | 45,9 | 47,4 | 48,7 | 51,4 | 60 | 725 | 120 | 200 | 500 | 1,51 |
| 51 | 2" | 50,6 | 51,6 | 59,3 | 60,8 | 62,7 | 65,4 | 40 | 580 | 96 | 160 | 630 | 1,97 |

3.3 Kompaktna hidraulična crijeva (Compact hydraulic hoses)

2 SN (DIN EN 853 SAE 100 R2S)

Cijev: sintetička guma otporna na ulje

Ojačanje: oplet od čelične žice visoke čvrstoće

Presvlaka: sintetička guma otporna na abraziju, ozon i vremenske uvjete

Raspon temperature: -40 °C do 100 °C (120 °C max)



Tube: oil resistant synthetic rubber

Reinforcement: one high tensile steel wire braid

Cover: abrasion, ozone and weather resistant synthetic rubber

Temperature range: -40 °C to 100 °C (120 °C max)

| DN | Inside ϕ | | Braid ϕ | | Outside ϕ | | Working pressure | | Test pressure | Burst pressure | Bend radius | Weight | |
|----|---------------|------|--------------|------|----------------|------|------------------|-----|---------------|----------------|-------------|--------|------|
| | inch | min | max | min | max | min | max | bar | psi | bar | bar | mm | kg/m |
| 6 | 1/4" | 6,5 | 6,9 | 12,1 | 12,7 | 13,8 | 14,8 | 400 | 5800 | 960 | 1600 | 100 | 0,33 |
| 8 | 5/16" | 8 | 6,5 | 13,7 | 14,4 | 15,4 | 16,4 | 350 | 5075 | 840 | 1400 | 115 | 0,39 |
| 10 | 3/8" | 9,6 | 10,1 | 16,1 | 16,8 | 17,8 | 18,8 | 330 | 4785 | 790 | 1320 | 125 | 0,5 |
| 12 | 1/2" | 12,8 | 13,4 | 19 | 19,8 | 20,8 | 21,8 | 275 | 3990 | 660 | 1100 | 180 | 0,59 |
| 16 | 5/8" | 16 | 16,7 | 22,2 | 23 | 24 | 25 | 250 | 3625 | 600 | 1000 | 200 | 0,71 |
| 19 | 3/4" | 19,1 | 19,8 | 26,2 | 27,1 | 27,9 | 29,1 | 215 | 3120 | 515 | 850 | 240 | 0,86 |
| 25 | 1" | 25,5 | 26,4 | 34,1 | 25 | 36,4 | 37,8 | 165 | 2395 | 395 | 650 | 300 | 1,28 |
| 31 | 1.1/4" | 32 | 33,0 | 43,3 | 44,5 | 45,9 | 47,5 | 125 | 1815 | 300 | 500 | 420 | 2,02 |
| 38 | 1.1/2" | 38,2 | 39,3 | 50,5 | 21,7 | 53,1 | 55,8 | 90 | 1605 | 215 | 360 | 500 | 2,2 |
| 51 | 2" | 50,6 | 51,6 | 32,3 | 63,5 | 65,6 | 68,3 | 80 | 1160 | 190 | 320 | 630 | 2,85 |

3.3 Kompaktna hidraulična crijeva (Compact hydraulic hoses)

2 ST (DIN EN 853 SAE 100 R2S)

Cijev: sintetička guma otporna na ulje

Ojačanje: oplet od čelične žice visoke čvrstoće

Presvlaka: sintetička guma otporna na abraziju, ozon i vremenske uvjete

Raspon temperature: -40 °C do 100 °C (120 °C max)



Tube: oil resistant synthetic rubber

Reinforcement: one high tensile steel wire braid

Cover: abrasion, ozone and weather resistant synthetic rubber

Temperature range: -40 °C to 100 °C (120 °C max)

| DN | Inside ϕ | | Braid ϕ | Outside ϕ | Working pressure | | Test pressure | Burst pressure | Bend radius | Weight |
|----|---------------|------|--------------|----------------|------------------|------|---------------|----------------|-------------|--------|
| | inch | mm | mm | mm | bar | psi | bar | bar | mm | kg/m |
| 6 | 1/4" | 6,4 | 12,7 | 17,5 | 400 | 5805 | 960 | 1600 | 100 | 0,41 |
| 8 | 5/16" | 7,9 | 14,3 | 19,1 | 350 | 5080 | 840 | 1400 | 115 | 0,47 |
| 10 | 3/8" | 9,5 | 16,7 | 21,5 | 330 | 4790 | 795 | 1320 | 130 | 0,6 |
| 12 | 1/2" | 12,7 | 19,8 | 24,6 | 275 | 3990 | 660 | 1100 | 180 | 0,7 |
| 16 | 5/8" | 15,9 | 23 | 27,8 | 250 | 3625 | 600 | 1000 | 200 | 0,83 |
| 19 | 3/4" | 19 | 27 | 31,8 | 215 | 3120 | 510 | 850 | 240 | 1,02 |
| 25 | 1" | 25,4 | 34,9 | 39,7 | 165 | 2395 | 390 | 850 | 300 | 1,38 |
| 31 | 1.1/4" | 31,8 | 44,5 | 50,8 | 125 | 1815 | 300 | 500 | 420 | 2,23 |
| 38 | 1.1/2" | 38,1 | 50,8 | 52,7 | 90 | 1305 | 220 | 360 | 500 | 2,46 |
| 51 | 2" | 50,8 | 63,5 | 69,8 | 80 | 1160 | 195 | 320 | 630 | 3,14 |

3.3 Kompaktna hidraulična crijeva (Compact hydraulic hoses)

1 SN EHT (DIN EN 853)

Cijev: sintetička guma otporna na ulje

Ojačanje: oplet od čelične žice visoke čvrstoće

Presvlaka: sintetička guma otporna na abraziju, ozon i vremenske uvjete, crni dizajn, MSHA kvaliteta

Preporučeni mediji: mineralna i sintetička ulja, glikol i poliglikol, emulzije vode/ulja do 100 °C

Raspon temperature: -40 °C do 135 °C (150 °C max)



Tube: oil resistant synthetic rubber

Reinforcement: one high tensile steel wire braid

Cover: heat, abrasion, ozone and weather resistant synthetic rubber, black, MSHA approved

Recommended fluids: mineral and synthetic oils, glycols and polyglycols, aqueous oil emulsions (up to 100°C)

Temperature range (medium): -40°C to +135°C (max 150°C)

| DN | Inside ϕ | | Braid ϕ | | Outside ϕ | | Working pressure | | Test pressure | Burst pressure | Bend radius | Weight | |
|----|---------------|------|--------------|------|----------------|------|------------------|-----|---------------|----------------|-------------|--------|------|
| | inch | min | max | min | max | min | max | bar | psi | bar | bar | mm | kg/m |
| 6 | 1/4" | 6,5 | 6,9 | 10,6 | 11,6 | 13,1 | 13,9 | 225 | 3265 | 540 | 900 | 100 | 0,21 |
| 8 | 5/16" | 8 | 8,5 | 12,1 | 13,3 | 14,7 | 15,5 | 215 | 3120 | 510 | 850 | 115 | 0,24 |
| 10 | 3/8" | 9,6 | 10,1 | 14,5 | 15,7 | 17,1 | 17,9 | 180 | 2610 | 430 | 720 | 125 | 0,33 |
| 12 | 1/2" | 12,8 | 13,4 | 17,5 | 19,1 | 20,2 | 21 | 160 | 2320 | 385 | 640 | 180 | 0,41 |
| 16 | 5/8" | 16 | 16,7 | 20,6 | 22,2 | 23,1 | 23,9 | 130 | 1885 | 310 | 520 | 200 | 0,45 |
| 19 | 3/4" | 19,1 | 19,8 | 24,6 | 26,2 | 27,3 | 28,3 | 105 | 1525 | 250 | 420 | 240 | 0,58 |
| 25 | 1" | 25,5 | 26,4 | 32,5 | 34,1 | 35,1 | 36,1 | 88 | 1275 | 210 | 350 | 300 | 0,88 |
| 31 | 1.1/4" | 32 | 33 | 39,3 | 41,7 | 41,2 | 43,2 | 63 | 915 | 150 | 250 | 420 | 1,23 |
| 38 | 1.1/2" | 38,2 | 39,3 | 45,9 | 48 | 50,1 | 52,5 | 50 | 725 | 120 | 200 | 500 | 1,51 |
| 51 | 2" | 50,6 | 51,6 | 59,3 | 61,7 | 62,1 | 65,4 | 40 | 580 | 96 | 160 | 630 | 1,97 |

3.3 Kompaktna hidraulična crijeva (Compact hydraulic hoses)

1 SC (DIN EN 857)

Cijev: sintetička guma otporna na ulje

Ojačanje: oplet od čelične žice visoke čvrstoće

Presvlaka: sintetička guma otporna na abraziju, ozon i vremenske uvjete

Raspon temperature: -40 °C do 100 °C (120 °C max)



Tube: oil resistant synthetic rubber

Reinforcement: one high tensile steel wire braid

Cover: abrasion, ozone and weather resistant synthetic rubber

Temperature range: -40 °C to 100 °C (120 °C max)

| Inside ϕ | | | | Braid ϕ | | Outside ϕ | | Working pressure | | Test pressure | Burst pressure | Bend radius | Weight |
|---------------|-------|------|------|--------------|------|----------------|------|------------------|------|---------------|----------------|-------------|--------|
| DN | inch | min | max | min | max | min | max | bar | psi | bar | bar | mm | kg/m |
| 6 | 1/4" | 6,5 | 6,9 | 9,6 | 10,2 | 11,5 | 12,2 | 225 | 3265 | 540 | 900 | 75 | 0,18 |
| 8 | 5/16" | 8 | 8,5 | 10,9 | 11,7 | 13,1 | 14 | 215 | 3120 | 520 | 860 | 85 | 0,21 |
| 10 | 3/8" | 9,6 | 10,1 | 12,7 | 13,5 | 15,1 | 16,2 | 180 | 2610 | 430 | 720 | 90 | 0,28 |
| 12 | 1/2" | 12,8 | 13,4 | 16,1 | 16,9 | 18,9 | 19,9 | 160 | 2320 | 385 | 640 | 130 | 0,33 |
| 16 | 5/8" | 16 | 16,7 | 19,8 | 20,7 | 21,7 | 22,7 | 130 | 1885 | 310 | 520 | 150 | 0,41 |
| 19 | 3/4" | 19,1 | 19,8 | 23,4 | 24,4 | 25,4 | 26,5 | 105 | 1525 | 250 | 420 | 180 | 0,52 |
| 25 | 1" | 25,5 | 26,4 | 30,7 | 31,4 | 32,6 | 33,7 | 88 | 1275 | 210 | 352 | 230 | 0,78 |



3.3 Kompaktna hidraulična crijeva (Compact hydraulic hoses)

2 SC (DIN EN 857)

Cijev: sintetička guma otporna na ulje

Ojačanje: oplet od čelične žice visoke čvrstoće

Presvlaka: sintetička guma otporna na abraziju, ozon i vremenske uvjete

Raspon temperature: -40 °C do 100 °C (120 °C max)



Tube: oil resistant synthetic rubber

Reinforcement: one high tensile steel wire braid

Cover: abrasion, ozone and weather resistant synthetic rubber

Temperature range: -40 °C to 100 °C (120 °C max)

| DN | Inside ϕ | | Braid ϕ | | Outside ϕ | | Working pressure | | Test pressure | Burst pressure | Bend radius | Weight | |
|----|---------------|------|--------------|------|----------------|------|------------------|-----|---------------|----------------|-------------|--------|------|
| | inch | min | max | min | max | min | max | bar | psi | bar | bar | mm | kg/m |
| 6 | 1/4" | 6,5 | 6,9 | 10,6 | 11,3 | 12,6 | 13,4 | 400 | 5800 | 960 | 1600 | 75 | 0,28 |
| 8 | 5/16" | 8 | 8,5 | 12,1 | 12,9 | 14 | 15 | 350 | 5075 | 840 | 1400 | 85 | 0,33 |
| 10 | 3/8" | 9,6 | 10,1 | 14,4 | 15,1 | 16 | 16,9 | 330 | 4785 | 790 | 1320 | 90 | 0,42 |
| 12 | 1/2" | 12,8 | 13,4 | 17,5 | 18,4 | 19,4 | 20,4 | 275 | 3990 | 660 | 1100 | 130 | 0,52 |
| 16 | 5/8" | 16 | 16,7 | 21,3 | 22,3 | 23,3 | 24,3 | 250 | 3625 | 600 | 1000 | 170 | 0,61 |
| 19 | 3/4" | 19,1 | 19,8 | 25,1 | 26 | 26,9 | 28,1 | 215 | 3120 | 515 | 860 | 200 | 0,79 |
| 25 | 1" | 25,5 | 26,4 | 32,5 | 33,4 | 34,9 | 36,1 | 165 | 2395 | 395 | 660 | 250 | 1,1 |



3.3 Kompaktna hidraulična crijeva (Compact hydraulic hoses)

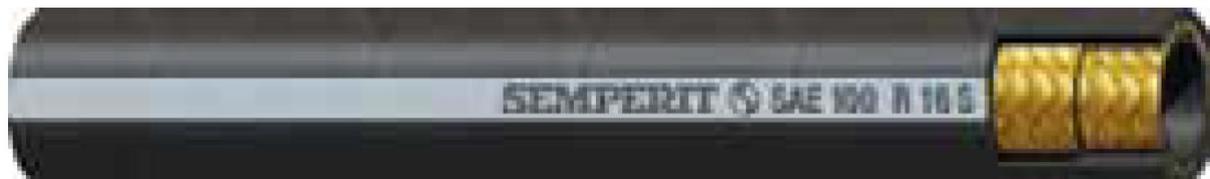
SAE 100 R16S (SAE J517)

Cijev: sintetička guma otporna na ulje

Ojačanje: oplet od čelične žice visoke čvrstoće

Presvlaka: sintetička guma otporna na abraziju, ozon i vremenske uvjete

Raspon temperature: -40 °C do 100 °C (120 °C max)



Tube: oil resistant synthetic rubber

Reinforcement: one high tensile steel wire braid

Cover: abrasion, ozone and weather resistant synthetic rubber

Temperature range: -40 °C to 100 °C (120 °C max)

| DN | Inside ϕ | | Braid ϕ | | Outside ϕ | | Working pressure | | Test pressure | Burst pressure | Bend radius | Weight | |
|----|---------------|------|--------------|------|----------------|------|------------------|-----|---------------|----------------|-------------|--------|------|
| | inch | min | max | min | max | min | max | bar | psi | bar | mm | kg/m | |
| 6 | 1/4" | 6,5 | 6,9 | 11,3 | 12 | 13,3 | 14,1 | 400 | 5800 | 960 | 1600 | 50 | 0,26 |
| 8 | 5/16" | 7,9 | 7,9 | 13,3 | 13,3 | 15,7 | 15,7 | 350 | 5075 | 840 | 1400 | 55 | 0,31 |
| 10 | 3/8" | 9,6 | 10,1 | 14,7 | 15,4 | 16,5 | 17,4 | 330 | 4780 | 790 | 1320 | 65 | 0,4 |
| 12 | 1/2" | 12,8 | 13,4 | 18 | 18,6 | 20 | 20,9 | 275 | 3980 | 660 | 1100 | 90 | 0,48 |
| 16 | 5/8" | 16 | 16,7 | 21,5 | 22,3 | 23,4 | 24,3 | 250 | 3620 | 600 | 1000 | 100 | 0,55 |
| 19 | 3/4" | 19,1 | 19,8 | 25,1 | 25,9 | 27,1 | 28,3 | 215 | 3110 | 515 | 860 | 120 | 0,71 |
| 25 | 1" | 25,5 | 26,4 | 32,3 | 33,3 | 34,8 | 35,8 | 165 | 2390 | 395 | 660 | 150 | 1 |

3.3 Kompaktna hidraulična crijeva (Compact hydraulic hoses)

SAE 100 R 17 (SAE J 517)

Cijev: sintetička guma otporna na ulje

Ojačanje: do DN 12 jedan oplet, od DN 16 dupli oplet sa čeličnom žicom visoke čvrstoće

Presvlaka: sintetička guma otporna na abraziju, ozon i vremenske uvjete

Raspon temperature: -40 °C do 100 °C (120 °C max)



Tube: oil resistant synthetic rubber

Reinforcement: up to 1/2" one, from 5/8" two high tensile steel wire braids

Cover: abrasion, ozone and weather resistant synthetic rubber

Temperature range: -40 °C to 100 °C (120 °C max)

| DN | Inside ϕ | | Braid ϕ | | Outside ϕ | | Working pressure | | Test pressure | Burst pressure | Bend radius | Weight | |
|----|---------------|------|--------------|------|----------------|------|------------------|-----|---------------|----------------|-------------|--------|------|
| | inch | min | max | min | max | min | max | bar | psi | bar | bar | mm | kg/m |
| 6 | 1/4" | 6,5 | 6,9 | 10 | 10,7 | 11,9 | 12,7 | 210 | 3045 | 420 | 840 | 50 | 0,19 |
| 8 | 5/16" | 8 | 8,5 | 11,6 | 12,3 | 13,7 | 14,5 | 210 | 3045 | 420 | 840 | 55 | 0,22 |
| 10 | 3/8" | 9,6 | 10,1 | 13,5 | 14,4 | 15,4 | 16,3 | 210 | 3045 | 420 | 840 | 65 | 0,27 |
| 12 | 1/2" | 12,8 | 13,4 | 17,1 | 18 | 19 | 19,9 | 210 | 3045 | 420 | 840 | 90 | 0,46 |
| 16 | 5/8" | 16 | 16,7 | 21,3 | 22 | 23,2 | 24,2 | 210 | 3045 | 420 | 840 | 100 | 0,57 |
| 19 | 3/4" | 19,1 | 19,8 | 25,1 | 25,9 | 26,9 | 28,1 | 210 | 3045 | 420 | 840 | 120 | 0,78 |
| 25 | 1" | 25,5 | 26,4 | 33,4 | 34,5 | 35,5 | 36,7 | 210 | 3045 | 420 | 840 | 150 | 1,4 |

3.3 Kompaktna hidraulična crijeva (Compact hydraulic hoses)

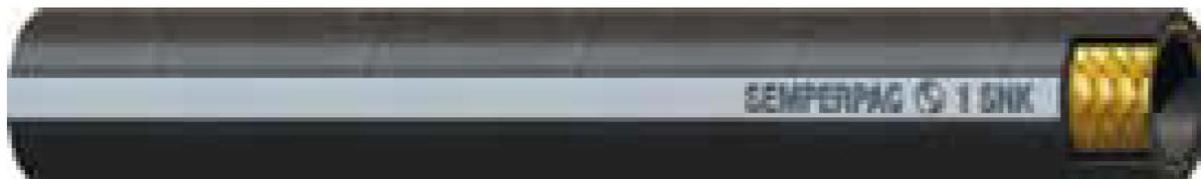
SEMPERPAC 1 SN-K

Cijev: sintetička guma otporna na ulje

Ojačanje: oplet od čelične žice visoke čvrstoće

Presvlaka: sintetička guma otporna na abraziju, ozon i vremenske uvjete

Raspon temperature: -40 °C do 100 °C (120 °C max)



Tube: oil resistant synthetic rubber

Reinforcement: one high tensile steel wire braid

Cover: abrasion, ozone and weather resistant synthetic rubber

Temperature range: -40 °C to 100 °C (120 °C max)

| DN | Inside ϕ | | | Braid ϕ | | Outside ϕ | | Working pressure | | Test pressure | Burst pressure | Bend radius | Weight |
|----|---------------|------|------|--------------|------|----------------|------|------------------|------|---------------|----------------|-------------|--------|
| | inch | min | max | min | max | min | max | bar | psi | bar | bar | mm | kg/m |
| 6 | 1/4" | 6,5 | 6,9 | 9,8 | 10,3 | 11,6 | 12,3 | 290 | 4205 | 700 | 1160 | 40 | 0,18 |
| 8 | 5/16" | 8 | 8,5 | 11,1 | 11,7 | 13,1 | 13,8 | 250 | 3625 | 600 | 1000 | 55 | 0,22 |
| 10 | 3/8" | 9,6 | 10,1 | 13,2 | 13,8 | 15,4 | 16,3 | 230 | 3335 | 550 | 920 | 65 | 0,29 |
| 12 | 1/2" | 12,8 | 13,4 | 16,5 | 17,1 | 18,7 | 19,4 | 200 | 2900 | 480 | 800 | 80 | 0,35 |
| 16 | 5/8" | 16 | 16,7 | 19,8 | 20,7 | 21,7 | 22,7 | 150 | 2175 | 360 | 600 | 105 | 0,43 |
| 19 | 3/4" | 19,1 | 19,8 | 23,3 | 24,2 | 25,5 | 26,5 | 125 | 1815 | 300 | 500 | 120 | 0,57 |
| 25 | 1" | 25,5 | 26,4 | 30,7 | 31,4 | 32,6 | 33,7 | 110 | 1595 | 265 | 440 | 160 | 0,82 |
| 31 | 1.1/4" | 32 | 33 | 39,6 | 40,8 | 42,8 | 44,3 | 100 | 1450 | 240 | 400 | 300 | 1,28 |



3.3 Kompaktna hidraulična crijeva (Compact hydraulic hoses)

SEMPERPAC 2 SN-K

Cijev: sintetička guma otporna na ulje

Ojačanje: dupli oplet od čelične žice visoke čvrstoće

Presvlaka: sintetička guma otporna na abraziju, ozon i vremenske uvjete

Raspon temperature: -40 °C do 100 °C (120 °C max)



Tube: oil resistant synthetic rubber

Reinforcement: two high tensile steel wire braid

Cover: abrasion, ozone and weather resistant synthetic rubber

Temperature range: -40 °C to 100 °C (120 °C max)

| Inside ϕ | | | | Braid ϕ | | Outside ϕ | | Working pressure | | Test pressure | Burst pressure | Bend radius | Weight |
|---------------|--------|------|------|--------------|------|----------------|------|------------------|------|---------------|----------------|-------------|--------|
| DN | inch | min | max | min | max | min | max | bar | psi | bar | bar | mm | kg/m |
| 6 | 1/4" | 6,5 | 6,9 | 11,2 | 11,8 | 12,9 | 13,7 | 450 | 6525 | 1080 | 1800 | 45 | 0,29 |
| 8 | 5/16" | 8 | 8,5 | 12,7 | 13,4 | 14,5 | 15,3 | 420 | 6090 | 1000 | 1680 | 60 | 0,34 |
| 10 | 3/8" | 9,6 | 10,1 | 14,6 | 15,2 | 16,6 | 17,3 | 385 | 5585 | 925 | 1540 | 70 | 0,44 |
| 12 | 1/2" | 12,8 | 13,4 | 18,4 | 19 | 20,3 | 21 | 345 | 5000 | 830 | 1380 | 90 | 0,54 |
| 16 | 5/8" | 16 | 16,7 | 21,2 | 22 | 23,2 | 24,2 | 290 | 4205 | 695 | 1160 | 130 | 0,63 |
| 19 | 3/4" | 19,1 | 19,8 | 25,3 | 26 | 27,2 | 28,3 | 280 | 4060 | 670 | 1120 | 160 | 0,84 |
| 25 | 1" | 25,5 | 26,4 | 32,5 | 33,4 | 35,1 | 36,3 | 200 | 2900 | 480 | 800 | 210 | 1,14 |
| 31 | 1.1/4" | 32 | 33 | 39,8 | 41,2 | 42,2 | 44,6 | 175 | 2540 | 420 | 700 | 300 | 1,52 |



3.4 Multispiralna hidraulična crijeva (Multispirals hydraulic hoses)

4 SP (DIN EN 856)

Cijev: sintetička guma otporna na ulje

Ojačanje: četiri spiralna sloja čelične žice visoke čvrstoće

Presvlaka: sintetička guma otporna na abraziju, ozon i vremenske uvjete

Raspon temperature: -40 °C do 100 °C (120 °C max)



Tube: oil resistant synthetic rubber

Reinforcement: four high tensile steel wire spiral layers

Cover: abrasion, ozone and weather resistant synthetic rubber

Temperature range: -40 °C to 100 °C (120 °C max)

| DN | Inside ϕ | | | Braid ϕ | | Outside ϕ | | Working pressure | | Test pressure | Burst pressure | Bend radius | Weight |
|----|---------------|------|------|--------------|------|----------------|-------|------------------|------|---------------|----------------|-------------|--------|
| | inch | min | max | min | max | min | max | bar | psi | bar | bar | mm | kg/m |
| 6 | 1/4" | 6 | 6 | 14,7 | 14,7 | 17,56 | 17,56 | 485 | 7030 | | 2400 | 100 | 0,605 |
| 10 | 3/8" | 9,6 | 10,1 | 17 | 17,8 | 20,6 | 21,4 | 445 | 6455 | 1070 | 1780 | 180 | 0,78 |
| 12 | 1/2" | 12,8 | 13,4 | 20,1 | 21 | 23,8 | 24,6 | 425 | 6165 | 1020 | 1700 | 230 | 0,93 |
| 16 | 5/8" | 16 | 16,7 | 23,8 | 24,6 | 27,4 | 28,2 | 350 | 5075 | 840 | 1400 | 250 | 1,17 |
| 19 | 3/4" | 19,1 | 19,8 | 27,4 | 28,4 | 31,4 | 32,2 | 350 | 5075 | 840 | 1400 | 300 | 1,48 |
| 25 | 1" | 25,5 | 26,4 | 34,5 | 35,6 | 38,5 | 39,3 | 280 | 4060 | 370 | 1120 | 340 | 2,02 |
| 31 | 1.1/4" | 32 | 33 | 45,3 | 49,5 | 49,7 | 51,3 | 210 | 3045 | 500 | 840 | 460 | 3,05 |
| 38 | 1.1/2" | 38,2 | 39,3 | 51,4 | 52,7 | 56 | 57,6 | 185 | 2685 | 445 | 740 | 560 | 3,52 |
| 51 | 2" | 50,6 | 51,6 | 64,7 | 66 | 69,2 | 71,2 | 165 | 2395 | 395 | 660 | 660 | 5,2 |

3.4 Multispiralna hidraulična crijeva (Multispirals hydraulic hoses)

4 SH (DIN EN 856)

Cijev: sintetička guma otporna na ulje

Ojačanje: četiri spiralna sloja čelične žice visoke čvrstoće

Presvlaka: sintetička guma otporna na abraziju, ozon i vremenske uvjete

Raspon temperature: -40 °C do 100 °C (120 °C max)



Tube: oil resistant synthetic rubber

Reinforcement: four high tensile steel wire spiral layers

Cover: abrasion, ozone and weather resistant synthetic rubber

Temperature range: -40 °C to 100 °C (120 °C max)

| DN | Inside ϕ | | Braid ϕ | | Outside ϕ | | Working pressure | | Test pressure | Burst pressure | Bend radius | Weight | |
|----|---------------|------|--------------|------|----------------|------|------------------|-----|---------------|----------------|-------------|--------|------|
| | inch | min | max | min | max | min | max | bar | psi | bar | bar | mm | kg/m |
| 19 | 3/4" | 19,1 | 19,8 | 27,6 | 28,5 | 31,4 | 32,4 | 420 | 6090 | 1000 | 1680 | 280 | 1,53 |
| 25 | 1" | 25,5 | 26,4 | 34,8 | 35,9 | 37,5 | 39 | 380 | 5510 | 910 | 1520 | 340 | 2,06 |
| 31 | 1.1/4" | 32 | 33 | 40,9 | 42,1 | 44,6 | 45,8 | 345 | 5000 | 830 | 1380 | 460 | 2,46 |
| 38 | 1.1/2" | 38,2 | 39,3 | 48,4 | 49,6 | 52,2 | 53,5 | 290 | 4205 | 695 | 1160 | 560 | 3,35 |
| 51 | 2" | 50,6 | 51,6 | 62,5 | 63,8 | 67,5 | 69,5 | 250 | 3625 | 660 | 1000 | 700 | 4,55 |



3.4 Multispiralna hidraulična crijeva (Multispirals hydraulic hoses)

SAE 100 R13 (DIN EN 856)

Cijev: sintetička guma otporna na ulje

Ojačanje: četiri/šest spiralna sloja čelične žice visoke čvrstoće

Presvlaka: sintetička guma otporna na abraziju, ozon i vremenske uvjete

Raspon temperature: -40 °C do 100 °C (120 °C max)



Tube: oil resistant synthetic rubber

Reinforcement: four/six high tensile steel wire spiral layers

Cover: abrasion, ozone and weather resistant synthetic rubber

Temperature range: -40 °C to 100 °C (120 °C max)

| DN | Inside ϕ | | Braid ϕ | | Outside ϕ | | Working pressure | | Test pressure | Burst pressure | Bend radius | Weight | |
|----|---------------|------|--------------|------|----------------|------|------------------|-----|---------------|----------------|-------------|--------|------|
| | inch | min | max | min | max | min | max | bar | psi | bar | mm | kg/m | |
| 19 | 3/4" | 19,1 | 19,8 | 28,2 | 29 | 31,5 | 33 | 350 | 5075 | 700 | 1400 | 240 | 1,65 |
| 25 | 1" | 25,5 | 26,4 | 34,9 | 36 | 38 | 39,8 | 350 | 5075 | 700 | 1400 | 300 | 2,25 |
| 31 | 1.1/4" | 31,4 | 33 | 45,6 | 48 | 48,3 | 51,3 | 350 | 5075 | 700 | 1400 | 420 | 3,6 |
| 38 | 1.1/2" | 37,7 | 39,3 | 53,1 | 55,5 | 55,8 | 58,8 | 350 | 5075 | 700 | 1400 | 500 | 4,75 |
| 51 | 2" | 50,4 | 52 | 66,9 | 69,3 | 69,5 | 72,7 | 350 | 5075 | 700 | 1400 | 630 | 6,9 |



4 Industrijska crijeva (Industrial hoses)

4.1 Prehrambene tekućine (Food liquids)

Agrafarm



Cijev: glatka NBR guma bijele boje, prikladna za sterilizaciju parom niske temperature

Ojačanje: tekstilna mreža visoke čvrstoće

Presvlaka: hrpapava guma crvene boje otporna na habanje i atmosferske utjecaje

Raspon temperature: -40 °C do 80 °C (max 120 °C)

Primjena: tlak vina, piva, likera, voćnih sokova, octa, pitke vode (posjeduje certifikat za protok prehrambenih tekućina)

Tube: smooth NBR white rubber, suitable for low temperature steam sterilization

Reinforcement: high-strength textile mesh

Cover: rough red rubber resistant to wear and weathering

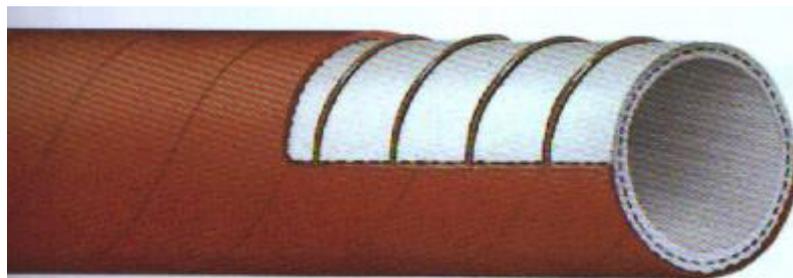
Temperature range: -40 °C to 80 °C (120 °C max)

Applications: pressure of wine, beer, liqueur, fruit juices, vinegar, drinking water (has a certificate for the flow of food liquids)

| Inside ϕ | Outside ϕ | Working pressure | Burst pressure | Bend radius | Weight |
|---------------|----------------|------------------|----------------|-------------|--------|
| mm | mm | bar | bar | mm | kg/m |
| 19 | 32 | 10 | 30 | 190 | 0.73 |
| 25 | 35 | 10 | 30 | 250 | 0.66 |
| 30 | 41 | 10 | 30 | 300 | 0.86 |
| 32 | 46 | 10 | 30 | 320 | 1,2 |
| 35 | 48 | 10 | 30 | 350 | 1,19 |
| 38 | 50 | 10 | 30 | 380 | 1,37 |
| 40 | 52 | 10 | 30 | 400 | 1,43 |
| 45 | 61 | 10 | 30 | 450 | 1,86 |
| 51 | 69 | 10 | 30 | 510 | 2,31 |
| 60 | 74 | 10 | 30 | 600 | 3,2 |
| 63 | 82 | 10 | 30 | 635 | 2,96 |
| 70 | 91 | 10 | 30 | 700 | 3,72 |
| 76 | 93 | 10 | 30 | 760 | 3,16 |
| 80 | 101 | 10 | 30 | 800 | 3,58 |
| 90 | 108 | 10 | 30 | 900 | 3,92 |
| 100 | 121 | 10 | 30 | 1000 | 5,11 |
| 120 | 140 | 10 | 30 | 1200 | 5,72 |

4.1 Prehrambene tekućine (Food liquids)

Agrared



Cijev: glatka NBR guma bijele boje, prikladna za sterilizaciju parom niske temperature

Ojačanje: tekstilna mreža visoke čvrstoće i čelična spirala

Presvlaka: hrapava guma crvene boje otporna na habanje i atmosferske utjecaje

Raspon temperature: -40 °C do 80 °C (max 120 °C)

Primjena: tlak vina, piva, likera, voćnih sokova, bezalkoholnih pića, octa, pitke vode (posjeduje certifikat za protok prehrambenih tekućina)

Tube: smooth NBR white rubber, suitable for low temperature steam sterilization

Reinforcement: high-strength textile mesh and steel spiral wire

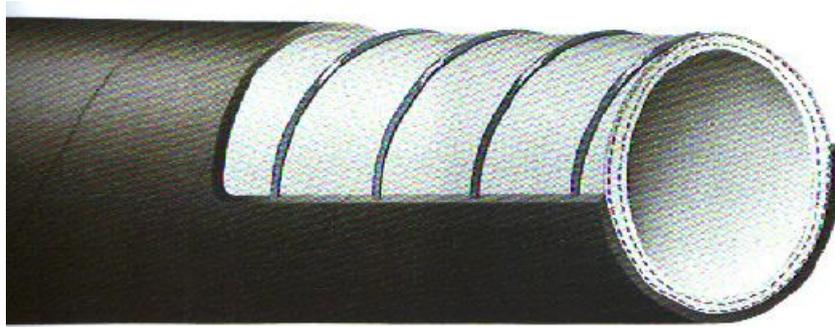
Cover: rough red rubber resistant to wear and weathering

Temperature range: -40 °C to 80 °C (120 °C max)

Applications: pressure of wine, beer, liqueur, fruit juices, vinegar, drinking water (has a certificate for the flow of food liquids)

| Inside ϕ | Outside ϕ | Working pressure | Burst pressure | Bend radius | Weight |
|---------------|----------------|------------------|----------------|-------------|--------|
| mm | mm | bar | bar | mm | kg/m |
| 25 | 38 | 10 | 30 | 200 | 0.92 |
| 30 | 44 | 10 | 30 | 240 | 1.16 |
| 32 | 42 | 8 | 24 | 256 | 0.83 |
| 35 | 49 | 10 | 30 | 280 | 1.32 |
| 38 | 50 | 10 | 30 | 304 | 1.00 |
| 40 | 52 | 10 | 30 | 320 | 1.46 |
| 45 | 59 | 10 | 30 | 360 | 1.63 |
| 51 | 65 | 10 | 30 | 400 | 2.05 |
| 60 | 74 | 10 | 30 | 480 | 2.55 |
| 63 | 76 | 10 | 30 | 508 | 1.96 |
| 70 | 87 | 10 | 30 | 560 | 2.99 |
| 76 | 88 | 10 | 30 | 608 | 2.21 |
| 80 | 97 | 10 | 30 | 640 | 3.37 |
| 90 | 107 | 10 | 30 | 720 | 3.76 |
| 100 | 120 | 10 | 30 | 800 | 4.93 |
| 110 | 129 | 10 | 30 | 880 | 5.09 |
| 120 | 141 | 10 | 30 | 960 | 6.15 |

Agraspir



Cijev: glatka NR/SBR guma bijele boje

Ojačanje: tekstilna mreža visoke čvrstoće i čelična spirala

Presvlaka: hrapava guma crne boje otporna na habanje i atmosferske utjecaje

Raspon temperature: -30 °C do 80 °C

Primjena: usis i tlak brašna, šećera, žitarica, stočne i druge hrane u granulatu, melase, te drugih prehrambenih proizvoda

Tube: smooth NR/SBR white rubber

Reinforcement: high-strength textile mesh and steel spiral wire

Cover: rough black rubber resistant to wear and weathering

Temperature range: -30 °C to 80 °C

Applications: suction and pressure of flour, sugar, cereals, animal feed and other granular foods, molasses, and other food products

| Inside ϕ | Outside ϕ | Working pressure | Burst pressure | Bend radius | Weight |
|---------------|----------------|------------------|----------------|-------------|--------|
| mm | mm | bar | bar | mm | kg/m |
| 50 | 65 | 4 | 12 | 400 | 1.93 |
| 76 | 93 | 4 | 12 | 450 | 3.10 |
| 80 | 93 | 4 | 12 | 650 | 2.95 |
| 90 | 102 | 4 | 12 | 730 | 3.31 |
| 100 | 118 | 4 | 12 | 800 | 3.88 |
| 110 | 128 | 4 | 12 | 880 | 4.23 |
| 120 | 135 | 4 | 12 | 930 | 4.96 |
| 125 | 143 | 4 | 12 | 1000 | 5.41 |
| 150 | 168 | 4 | 12 | 1200 | 6.42 |
| 180 | 197 | 4 | 12 | 1080 | 6.26 |
| 200 | 217 | 4 | 12 | 1200 | 7.07 |

4.1 Prehrambene tekućine (Food liquids)

Cristalflex

Cijev: prozirni atoksični plastificirani PVC bez ftalata

Ojačanje: tvrdi PVC žute boje otporan na gaženje

Raspon temperature: -10 °C do 60 °C

Primjena: usis i tlak pitke vode, mlijeka, vina, voćnih sokova i drugih prehrambenih tekućina

Tube: transparent atoxic plasticized phthalate-free PVC

Reinforcement: hard yellow PVC tread resistant

Temperature range: -10 °C to 60 °C

Applications: suction and pressure of drinking water, milk, wine, fruit juices and other food liquids



| Diameter | Working pressure | Burst pressure | Vacuum | Bend radius | Weight |
|----------|------------------|----------------|--------|-------------|--------|
| mm | bar | bar | bar | mm | kg/m |
| 20 | 7 | 21 | 0.7 | 70 | 0.230 |
| 25 | 7 | 21 | 0.7 | 110 | 0.280 |
| 30 | 7 | 21 | 0.7 | 140 | 0.350 |
| 32 | 7 | 21 | 0.7 | 150 | 0.370 |
| 35 | 7 | 21 | 0.7 | 160 | 0.425 |
| 38 | 6 | 18 | 0.6 | 170 | 0.450 |
| 40 | 6 | 18 | 0.6 | 180 | 0.510 |
| 45 | 6 | 18 | 0.6 | 200 | 0.640 |
| 51 | 6 | 18 | 0.6 | 230 | 0.760 |
| 55 | 6 | 18 | 0.6 | 310 | 0.860 |
| 60 | 5 | 15 | 0.5 | 280 | 0.900 |
| 63 | 5 | 15 | 0.5 | 300 | 0.970 |
| 70 | 5 | 15 | 0.4 | 310 | 1.120 |
| 76 | 5 | 15 | 0.4 | 340 | 1.270 |
| 80 | 5 | 15 | 0.3 | 350 | 1.450 |
| 90 | 3 | 9 | 0.4 | 450 | 1.850 |
| 102 | 3 | 9 | 0.4 | 500 | 2.200 |
| 110 | 3 | 9 | 0.3 | 550 | 2.500 |
| 120 | 3 | 9 | 0.3 | 700 | 2.800 |
| 127 | 3 | 9 | 0.3 | 750 | 3.200 |
| 152 | 2 | 6 | 0.3 | 850 | 4.300 |
| 200 | 2 | 6 | 0.3 | 1000 | 6.500 |
| 250 | 1.5 | 4.5 | 0.3 | 1800 | 8.500 |
| 300 | 1 | 3 | 0.3 | 2000 | 11.000 |



4.1 Prehrambene tekućine (Food liquids)

Food 500

Cijev: PE folije velike molekularne težine ojaane poliesterskom mrežom i unutarnjom spiralom (inox)

Presvlaka: impregnirani ojačani poliester plave boje otporan na habanje i atmosferske utjecaje s vanjskom spiralom (inox)

Raspon temperature: -40 °C do 100 °C

Primjena: usis i tlak svih vrsta prehrambenih tekućina (alkoholna pića, vino, pivo, mlijeko, ulje) i granulata (šećer, brašno, žitarice)

Tube: High molecular weight PE films reinforced with polyester mesh and inner spiral (stainless steel)

Cover: impregnated reinforced blue polyester resistant to wear and atmospheric influences with external spiral (stainless steel)

Temperature range: -40 °C to 100 °C

Applications: suction and pressure of all types of food liquids (alcoholic beverages, wine, beer, milk, oil) and granules (sugar, flour, cereals)



| Diameter | Working pressure | Burst pressure | Bend radius | Weight | Max Length |
|----------|------------------|----------------|-------------|--------|------------|
| mm | bar | bar | mm | kg/m | m |
| 20 | 15 | 75 | 50 | 0.700 | 20 |
| 25 | 15 | 75 | 75 | 0.900 | 20 |
| 32 | 15 | 75 | 80 | 1 | 20 |
| 40 | 15 | 75 | 85 | 1,2 | 20 |
| 50 | 15 | 75 | 125 | 1,8 | 20 |
| 63 | 15 | 75 | 150 | 2,5 | 20 |
| 76 | 15 | 75 | 185 | 3 | 20 |
| 100 | 15 | 75 | 275 | 4,2 | 20 |



4.2 Crijeva otporna na abraziju (Abrasion resistant hoses)

Abracem



Cijev: glatka NR guma crne boje otporna na abrazivne materijale

Ojačanje: tekstilna mreža visoke čvrstoće

Presvlaka: antistatička hrapava NR guma crne boje otporna na habanje, atmosferske utjecaje i ozon

Raspon temperature: -40 °C do 90 °C

Primjena: tlak cementne prašine, šljunka, stočne hrane, zraka – koriste se za pretovar autocisterni i silosa

Tube: smooth NR black rubber resistant to abrasive materials

Reinforcement: high-strength textile mesh

Cover: antistatic rough black rubber resistant to wear, weathering and ozone

Temperature range: -40 °C to 90 °C

Applications: pressure of cement dust, gravel, fodder, air - used for transshipment of tank trucks and silos

| Inside ϕ | Outside ϕ | Working pressure | Burst pressure | Bend radius | Weight |
|---------------|----------------|------------------|----------------|-------------|--------|
| mm | mm | bar | bar | mm | kg/m |
| 50 | 64 | 10 | 30 | 500 | 1,57 |
| 60 | 74 | 10 | 30 | 600 | 1,84 |
| 63 | 83 | 10 | 30 | 630 | 2,89 |
| 70 | 84 | 10 | 30 | 700 | 2,12 |
| 75 | 90 | 10 | 30 | 750 | 2,28 |
| 80 | 93 | 10 | 30 | 800 | 2,21 |
| 90 | 108 | 10 | 30 | 900 | 3,6 |
| 102 | 120 | 10 | 30 | 1000 | 3,85 |
| 110 | 128 | 10 | 30 | 1100 | 4,05 |
| 120 | 138 | 10 | 30 | 1200 | 4,56 |

Abraspir



4.2 Crijeva otporna na abraziju (Abrasion resistant hoses)



Cijev: antistatička glatka NR guma crne boje otporna na abrazivne materijale

Ojačanje: tekstilna mreža visoke čvrstoće i čelična spirala

Presvlaka: antistatička hrapava NR guma crne boje otporna na habanje i atmosferske utjecaje

Raspon temperature: -40 °C do 70 °C

Primjena: usis i tlak suhog cementa, sitnog šljunka i drugih abrazivnih materijala

Tube: antistatic smooth NR black rubber resistant to abrasive materials

Reinforcement: high-strength textile mesh and steel spiral wire

Cover: antistatic rough black rubber resistant to wear and weathering

Temperature range: -40 °C to 70 °C

Applications: suction and pressure of dry cement, fine gravel and other abrasive materials

| Inside ϕ | Outside ϕ | Working pressure | Burst pressure | Bend radius | Weight |
|---------------|----------------|------------------|----------------|-------------|--------|
| mm | mm | bar | bar | mm | kg/m |
| 50 | 64 | 10 | 30 | 300 | 1,83 |
| 60 | 74 | 10 | 30 | 360 | 2,16 |
| 65 | 79 | 10 | 30 | 390 | 2,32 |
| 70 | 84 | 10 | 30 | 420 | 2,47 |
| 75 | 90 | 10 | 30 | 450 | 2,63 |
| 80 | 95 | 10 | 30 | 480 | 2,8 |
| 90 | 107 | 10 | 30 | 540 | 3,7 |
| 100 | 117 | 10 | 30 | 600 | 4,06 |
| 110 | 127 | 10 | 30 | 660 | 4,48 |
| 125 | 143 | 10 | 30 | 750 | 5,43 |
| 150 | 170 | 10 | 30 | 1050 | 7,3 |

Abracorr hot



4.2 Crijeva otporna na abraziju (Abrasion resistant hoses)



Cijev: antistatička ($R < 1 \text{ M}\Omega$) glatka EPDM guma crne boje otporna na abraziju

Ojačanje: tekstilna mreža visoke čvrstoće i čelična spirala

Presvlaka: hrapava vodljiva ($R < 1 \text{ M}\Omega$) valovita EPDM guma crne boje, otporna na habanje i atmosferske utjecaje

Raspon temperature: $-30 \text{ }^\circ\text{C}$ do $100 \text{ }^\circ\text{C}$

Primjena: usis i tlak vrućih prašnjastih i zrnatih abrazivnih materijala - koriste se naročito u cementarama

Tube: antistatic ($R < 1 \text{ M}\Omega$) smooth black abrasion resistant EPDM rubber

Reinforcement: high-strength textile mesh and steel spiral wire

Cover: rough conductive ($R < 1 \text{ M}\Omega$) corrugated EPDM black rubber, resistant to wear and weathering

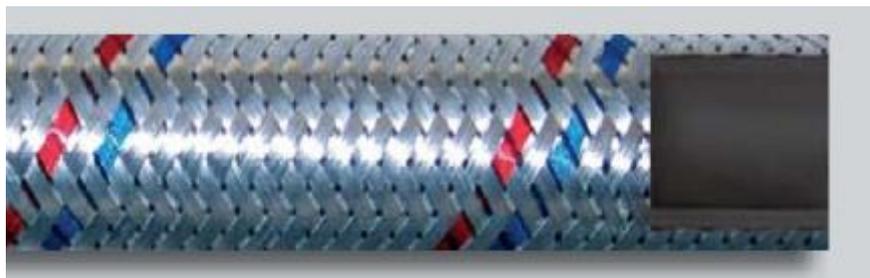
Temperature range: $-30 \text{ }^\circ\text{C}$ to $100 \text{ }^\circ\text{C}$

Applications: suction and pressure of hot powder and granular abrasive materials - used especially in cement plants

| Inside ϕ | Outside ϕ | Working pressure | Burst pressure | Bend radius | Weight |
|---------------|----------------|------------------|----------------|-------------|-------------|
| <i>mm</i> | <i>mm</i> | <i>bar</i> | <i>bar</i> | <i>mm</i> | <i>kg/m</i> |
| 38 | 52 | 4 | 12 | 240 | 1,24 |
| 51 | 65 | 4 | 12 | 300 | 1,51 |
| 63 | 77 | 4 | 12 | 360 | 1,85 |
| 70 | 84 | 4 | 12 | 420 | 2,06 |
| 80 | 94 | 4 | 12 | 480 | 2,29 |
| 90 | 106 | 4 | 12 | 540 | 3,15 |
| 102 | 118 | 4 | 12 | 600 | 3,54 |
| 152 | 174 | 4 | 12 | 910 | 7,33 |

4.3 Topla voda i vodena para (Hot water and steam)

AC



Materijal cijevi: netoksična glatka EPDM guma crne boje

Oplet: pocinčana čelična žica AISI 1008 (paralelne crvena i plava pruga)

Raspon temperature: max 100 °C

Primjena: tlak tople vode i nekorozivnih tekućina - koriste se naročito za pumpe i autoklave

Hose material: non-toxic smooth black EPDM rubber

Braid: galvanized steel wire AISI 1008 (parallel red and blue stripe)

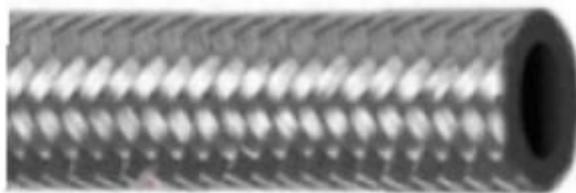
Temperature range: max 100 °C

Application: pressure of hot water and corrosive liquids - used especially for pumps and autoclaves

| Inside ϕ | Outside ϕ | Working pressure | Burst pressure | Bend radius |
|---------------|----------------|------------------|----------------|-------------|
| <i>mm</i> | <i>mm</i> | <i>bar</i> | <i>bar</i> | <i>mm</i> |
| 10 | 15 | 15 | 75 | 40 |
| 13 | 20 | 15 | 75 | 60 |
| 16 | 22 | 12 | 70 | 70 |
| 19 | 27 | 10 | 60 | 80 |
| 25 | 34 | 10 | 50 | 100 |
| 32 | 44 | 10 | 45 | 160 |
| 40 | 54 | 6 | 40 | 180 |
| 50 | 64 | 6 | 40 | 230 |
| 60 | 74 | 6 | 30 | 350 |
| 70 | 84 | 6 | 30 | 500 |

4.3 Topla voda i vodena para (Hot water and steam)

LS



Materijal cijevi: netoksična glatka EPDM guma crne boje

Oplet: aluminijska žica

Raspon temperature: max 100 °C

Primjena: tlak pitke hladne i tople vode - koriste se za bojlere i vodokotlice

Hose material: non-toxic smooth black EPDM rubber

Braid: aluminium wire

Temperature range: max 90 °C

Application: drinking cold and hot water pressure - used for boilers and cisterns

| Inside ϕ | Outside ϕ | Working pressure | Burst pressure | Bend radius |
|---------------|----------------|------------------|----------------|-------------|
| <i>mm</i> | <i>mm</i> | <i>bar</i> | <i>bar</i> | <i>mm</i> |
| 8 | 12 | 10 | 70 | 45 |
| 10 | 14 | 10 | 70 | 55 |
| 13 | 17 | 10 | 60 | 65 |



4.3 Topla voda i vodena para (Hot water and steam)

Calorflat



Cijev: glatka SBR guma crne boje

Ojačanje: sintetska mreža

Presvlaka: hrapava NBR guma crne boje otporna na habanje, toplinu i ulje

Raspon temperature: -40 °C do 100 °C

Primjena: tlak tople vode, rashladnih tekućina i sredstava protiv zamrzavanja (glycol) - koriste se kod automobilskih hladnjaka i za ispuste

Tube: smooth SBR black rubber

Reinforcement: syntetic mesh

Cover: rough NBR black rubber resistant to wear, heat and oil

Temperature range: -40 °C to 100 °C

Applications: pressure of hot water, coolants and antifreeze (glycol) - used in car refrigerators and drains

| Inside ϕ | Outside ϕ | Working pressure | Burst pressure | Bend radius | Weight |
|---------------|----------------|------------------|----------------|-------------|--------|
| mm | mm | bar | bar | mm | kg/m |
| 10 | 16 | 3 | 10 | 60 | 0.21 |
| 12 | 18 | 3 | 10 | 120 | 0.21 |
| 13 | 19 | 3 | 10 | 130 | 0.21 |
| 14 | 20 | 3 | 10 | 140 | 0.22 |
| 15 | 21 | 3 | 10 | 150 | 0.23 |
| 18 | 24 | 3 | 10 | 180 | 0.25 |
| 20 | 26 | 3 | 10 | 200 | 0.27 |
| 22 | 28 | 3 | 10 | 220 | 0.29 |
| 25 | 32 | 3 | 10 | 250 | 0.39 |
| 28 | 36 | 3 | 10 | 280 | 0.50 |
| 30 | 38 | 3 | 10 | 300 | 0.53 |
| 32 | 40 | 3 | 10 | 320 | 0.57 |
| 35 | 43 | 3 | 10 | 350 | 0.61 |
| 38 | 47 | 3 | 10 | 380 | 0.75 |
| 40 | 49 | 3 | 10 | 400 | 0.79 |
| 42 | 51 | 3 | 10 | 420 | 0.82 |
| 45 | 54 | 3 | 10 | 450 | 0.87 |
| 48 | 57 | 3 | 10 | 480 | 0.96 |
| 51 | 61 | 3 | 10 | 500 | 1,1 |
| 55 | 65 | 3 | 10 | 550 | 1,2 |
| 60 | 70 | 3 | 10 | 600 | 1,25 |
| 65 | 75 | 3 | 10 | 650 | 1,42 |
| 70 | 81 | 3 | 10 | 700 | 1,75 |
| 76 | 87 | 3 | 10 | 760 | 1,84 |
| 80 | 92 | 3 | 10 | 800 | 2,03 |
| 90 | 102 | 3 | 10 | 900 | 2,32 |
| 100 | 113 | 3 | 10 | 1000 | 2,72 |



Calorsteam



Cijev: glatka EPDM guma crne boje otporna na toplinu

Ojačanje: tekstilna mreža velike čvrstoće

Presvlaka: hrapava EPDM guma crne boje, izvedbe koja onemogućava stvaranje mjehurića, otporna na toplinu, starenje i atmosferske utjecaje - za prehrambenu industriju se vanjski sloj izrađuje u boji

Raspon temperature: -40 °C do 170 °C

Primjena: tlak zasićene pare - naročito se koriste za čišćenje i sterilizaciju spremnika i cjevovoda u industrijskim postrojenjima (nisu predviđene za kontinuirani 8 satni rad za što se preporučuju fleksibilne visokotlačne metalne cijevi)

Tube: smooth black heat-resistant EPDM rubber

Reinforcement: high-strength textile mesh

Cover: rough EPDM black rubber, bubble-proof, heat-resistant, aging and weather-resistant - for the food industry, the outer layer is made in color

Temperature range: -40 °C to 100 °C

Applications: saturated vapor pressure - especially used for cleaning and sterilization of tanks and pipelines in industrial plants (not intended for continuous 8-hour operation for which flexible high-pressure metal pipes are recommended)

| Inside ϕ | Outside ϕ | Working pressure | Burst pressure | Bend radius | Weight |
|---------------|----------------|------------------|----------------|-------------|--------|
| mm | mm | bar | bar | mm | kg/m |
| 13 | 24 | 7 | 60 | 130 | 0.40 |
| 16 | 26 | 7 | 60 | 160 | 0.61 |
| 19 | 31 | 7 | 60 | 190 | 0.59 |
| 25 | 37 | 7 | 60 | 250 | 0.73 |
| 28 | 40 | 7 | 60 | 280 | 0.79 |
| 30 | 45 | 7 | 60 | 300 | 1,1 |
| 32 | 47 | 7 | 60 | 320 | 1,16 |
| 35 | 50 | 7 | 60 | 350 | 1,25 |
| 38 | 53 | 7 | 60 | 380 | 1,34 |
| 40 | 54 | 7 | 60 | 400 | 1,51 |
| 45 | 64 | 7 | 60 | 450 | 2,03 |
| 51 | 68 | 7 | 60 | 500 | 2 |
| 60 | 82 | 7 | 60 | 600 | 3,07 |
| 63 | 83 | 7 | 60 | 630 | 2,89 |
| 76 | 95 | 7 | 60 | 760 | 3,19 |

4.3 Topla voda i vodena para (Hot water and steam)

Calorflex



Cijev: glatka sintetska EPDM guma crne boje otporna na toplinu

Ojačanje: tekstilna mreža velike čvrstoće i čelična spirala

Presvlaka: spiralno "izbrazdana" sintetska guma otporna na habanje, more i atmosferske utjecaje

Raspon temperature: -40 °C do 120 °C

Primjena: usis i tlak tople vode - narocito se koristi za ispuh brodskih motora (mješavina povišene temperature ulja, nafte, morske vode)

Tube: smooth synthetic black heat-resistant EPDM rubber

Reinforcement: high-strength textile mesh and steel spiral wire

Cover: spirally "grooved" synthetic rubber resistant to wear, sea and atmospheric influences

Temperature range: -40 °C to 120 °C

Applications: hot water suction and pressure - especially used for marine engine exhaust (mixture of elevated oil, oil, seawater temperature)

| Inside ϕ | Outside ϕ | Working pressure | Burst pressure | Bend radius | Weight |
|---------------|----------------|------------------|----------------|-------------|--------|
| mm | mm | bar | bar | mm | kg/m |
| 20 | 28 | 5 | 15 | 70 | 0.52 |
| 25 | 33 | 5 | 15 | 85 | 0.58 |
| 28 | 36 | 5 | 15 | 95 | 0.64 |
| 30 | 38 | 5 | 15 | 100 | 0.68 |
| 32 | 40 | 5 | 15 | 105 | 0.76 |
| 35 | 45 | 5 | 15 | 115 | 0.84 |
| 38 | 48 | 5 | 15 | 130 | 0.95 |
| 40 | 50 | 5 | 15 | 135 | 1.00 |
| 45 | 55 | 5 | 15 | 150 | 1,2 |
| 51 | 61 | 5 | 15 | 165 | 1,3 |
| 55 | 65 | 5 | 15 | 180 | 1,5 |
| 60 | 70 | 5 | 15 | 200 | 1,7 |
| 65 | 75 | 5 | 15 | 315 | 1,35 |
| 70 | 79 | 5 | 15 | 340 | 1,45 |
| 75 | 86 | 5 | 15 | 390 | 1,62 |
| 80 | 90 | 5 | 15 | 400 | 1,67 |
| 90 | 100 | 5 | 15 | 450 | 1,87 |
| 100 | 110 | 5 | 15 | 490 | 2,32 |
| 125 | 135 | 5 | 15 | 625 | 2,83 |



4.3 Topla voda i vodena para (Hot water and steam)

Calormaster



Standard: BS 5342 tip 2

Cijev: glatka EPDM guma velike otpornosti na toplinu

Ojačanje: čelična mreža (2 sloja)

Presvlaka: hrapava EPDM guma crne boje otporna na toplinu, habanje i atmosferske utjecaje; njeno mikroperforiranje onemogućava stvaranje potencijalno opasnih mjehurića - po posebnom zahtjevu se vanjski sloj izrađuje u boji

Raspon temperature: -40 °C do 210 °C

Primjena: tlak zasićene pare - koristi se u kemijskim i petrokemijskim postrojenjima (nisu predviđene za kontinuirani 8 satni rad za što se preporučuju fleksibilne visokotlačne metalne cijevi)

Standard: BS 5342 type 2

Tube: smooth EPDM rubber with high heat resistance

Reinforcement: steel mesh (2 layers)

Cover: rough EPDM black rubber resistant to heat, wear and weathering; its microperforation prevents the formation of potentially dangerous bubbles - on special request, the outer layer is made in color

Temperature range: -40 °C to 210 °C

Applications: saturated vapor pressure - used in chemical and petrochemical plants (not intended for continuous 8-hour operation, for which flexible high-pressure metal pipes are recommended)

| Inside ϕ | Outside ϕ | Working pressure | Burst pressure | Bend radius | Weight |
|---------------|----------------|------------------|----------------|-------------|--------|
| mm | mm | bar | bar | mm | kg/m |
| 10 | 22 | 17 | 170 | 100 | 0.40 |
| 13 | 25 | 17 | 170 | 130 | 0.52 |
| 16 | 28 | 17 | 170 | 160 | 0.60 |
| 19 | 32 | 17 | 170 | 190 | 0.75 |
| 25 | 38 | 17 | 170 | 250 | 0.91 |
| 32 | 46 | 17 | 170 | 320 | 1,24 |
| 38 | 54 | 17 | 170 | 380 | 1,65 |
| 40 | 56 | 17 | 170 | 400 | 1,75 |
| 51 | 67 | 17 | 170 | 510 | 2,15 |
| 60 | 79 | 17 | 170 | 600 | 3,01 |
| 63 | 83 | 17 | 170 | 630 | 3,42 |
| 76 | 96 | 17 | 170 | 750 | 3,87 |
| 102 | 124 | 17 | 170 | 1000 | 5,1 |

Chemigen – EPDM



Standard: BS 2050

Cijev: glatka ekstrudirana antistatička EPDM guma crne boje otporna na toplinu

Ojačanje: tekstilna mreža velike čvrstoće

Presvlaka: glatka ekstrudirana EPDM guma crne boje otporna na atmosferske utjecaje i ozon

Raspon temperature: -40 °C do 120 °C

Primjena: tlak kiselina, lužina i soli manje koncentracije, boja i razređivača koji ne sadrže alifatske aromatske ugljikohidrate, morske vode i tople vode, urea (AdBlue), te plinova i fluida u atmosferi koja zahtjeva antistatičnost fleksibilne cijevi

Standard: BS 2050

Tube: smooth extruded antistatic black heat-resistant EPDM rubber

Reinforcement: high-strength textile mesh

Cover: smooth extruded EPDM black rubber resistant to weathering and ozone

Temperature range: -40 °C to 120 °C

Applications: pressure of acids, alkalis and salts of lower concentration, paints and thinners that do not contain aliphatic aromatic carbohydrates, sea water and hot water, urea (AdBlue), and gases and fluids in the atmosphere that requires antistatic flexible tube

| Inside ϕ | Outside ϕ | Working pressure | Burst pressure | Weight |
|---------------|----------------|------------------|----------------|-------------|
| <i>mm</i> | <i>mm</i> | <i>bar</i> | <i>bar</i> | <i>kg/m</i> |
| 10 | 19 | 20 | 60 | 0.26 |
| 13 | 21 | 20 | 60 | 0.27 |
| 16 | 25 | 20 | 60 | 0.37 |
| 19 | 29 | 20 | 60 | 0.47 |
| 25 | 36 | 20 | 60 | 0.65 |

4.4 Crijeva za kemikalije (Chemical products hoses)

Chemcord – EPM



Cijev: glatka EPM guma crne boje otporna na ozon, kisik, toplinu, vodenu paru, kemikalije i starenje - nije otporna na mineralna ulja, aromatske rastvore, alifate i spojeve na bazi klora

Ojačanje: tekstilna mreža velike čvrstoće

Presvlaka: hrapava EPDM guma crne boje otporna na habanje i atmosferske utjecaje

Raspon temperature: -35 °C do 100 °C

Primjena: tlak kemikalija na koje je otporan unutarnji sloj od EPM gume

Tube: smooth EPM black rubber resistant to ozone, oxygen, heat, water vapor, chemicals and aging - not resistant to mineral oils, aromatic solutions, aliphatics and base compounds chlorine

Reinforcement: high-strength textile mesh

Cover: rough EPDM black rubber resistant to wear and weathering

Temperature range: -35 °C to 100 °C

Applications: pressure of chemicals to which the inner layer of EPM rubber is resistant

| Inside ϕ | Outside ϕ | Working pressure | Burst pressure | Bend radius | Weight |
|---------------|----------------|------------------|----------------|-------------|--------|
| mm | mm | bar | bar | mm | kg/m |
| 19 | 30 | 10 | 40 | 190 | 0.55 |
| 20 | 29 | 10 | 40 | 200 | 0.50 |
| 25 | 37 | 10 | 40 | 250 | 0.75 |
| 30 | 42 | 10 | 40 | 300 | 0.85 |
| 32 | 44 | 10 | 40 | 320 | 1.00 |
| 35 | 48 | 10 | 40 | 350 | 1,15 |
| 38 | 52 | 10 | 40 | 380 | 1,3 |
| 40 | 54 | 10 | 40 | 400 | 1,38 |
| 45 | 61 | 10 | 40 | 450 | 1,49 |
| 51 | 66 | 10 | 40 | 510 | 1,6 |
| 60 | 76 | 10 | 40 | 600 | 1,98 |
| 63 | 80 | 10 | 40 | 630 | 2,1 |
| 76 | 94 | 10 | 40 | 760 | 2,95 |
| 102 | 122 | 10 | 40 | 1020 | 4,3 |

4.4 Crijeva za kemikalije (Chemical products hoses)

Chemspir – EPM



Cijev: glatka EPM guma crne boje otporna na ozon, kisik, toplinu, vodenu paru, kemikalije i starenje - nije otporna na mineralna ulja, aromatske rastvore, alifate i spojeve na bazi klora

Ojačanje: tekstilna mreža velike čvrstoće i čelična spirala

Presvlaka: hrapava EPDM guma crne boje otporna na habanje i atmosferske utjecaje

Raspon temperature: -35 °C do 100 °C

Primjena: usis i tlak kemikalija na koje je otporan unutarnji sloj od EPM gume

Tube: smooth EPM black rubber resistant to ozone, oxygen, heat, water vapor, chemicals and aging - not resistant to mineral oils, aromatic solutions, aliphatics and base compounds chlorine

Reinforcement: high-strength textile mesh and steel spiral wire

Cover: rough EPDM black rubber resistant to wear and weathering

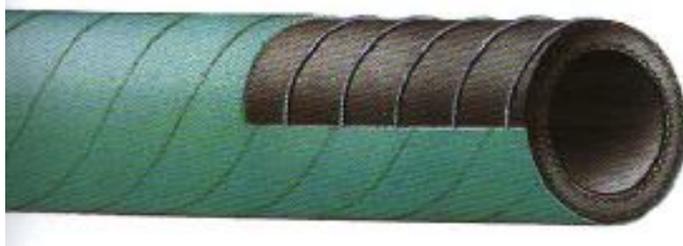
Temperature range: -35 °C to 100 °C

Applications: suction and pressure of chemicals to which the inner layer of EPM rubber is resistant

| Inside ϕ | Outside ϕ | Working pressure | Burst pressure | Bend radius | Weight |
|---------------|----------------|------------------|----------------|-------------|--------|
| mm | mm | bar | bar | mm | kg/m |
| 25 | 37 | 10 | 40 | 150 | 0,85 |
| 30 | 42 | 10 | 40 | 236 | 1,05 |
| 32 | 46 | 10 | 40 | 256 | 1,25 |
| 35 | 49 | 10 | 40 | 265 | 1,38 |
| 38 | 52 | 10 | 40 | 280 | 1,5 |
| 40 | 54 | 10 | 40 | 290 | 1,7 |
| 51 | 65 | 10 | 40 | 330 | 2,3 |
| 60 | 74 | 10 | 40 | 480 | 2,66 |
| 63 | 78 | 10 | 40 | 500 | 2,96 |
| 70 | 84 | 10 | 40 | 540 | 3,4 |
| 76 | 92 | 10 | 40 | 570 | 4 |
| 80 | 96 | 10 | 40 | 640 | 5,3 |
| 102 | 118 | 10 | 40 | 600 | 6,4 |
| 127 | 147 | 10 | 40 | 780 | 8,2 |
| 152 | 172 | 10 | 40 | 1050 | 12,5 |
| 203 | 228 | 10 | 40 | 1580 | 17,8 |

4.4 Crijeva za kemikalije (Chemical products hoses)

Chemspir – UPE



Cijev: glatki polietilen velike molekularne težine (UPE) crne boje otporan na gotovo sve kemijske proizvode i aromatske rastvore - otporniji je na temperaturu od umreženog polietilena

Ojačanje: tekstilna mreža velike čvrstoće i čelična spirala

Presvlaka: hrapava EPDM guma crne ili zelene boje otporna na habanje i atmosferske utjecaje

Raspon temperature: -40 °C do 100 °C

Primjena: usis i tlak kemikalija, na koje je otporan unutarnji sloj od UPE gume, prehrambenih tekućina, pitke vode

Tube: black high molecular weight (UPE) smooth polyethylene resistant to almost all chemical products and aromatic solutions - more resistant to temperature than cross-linked polyethylene

Reinforcement: high-strength textile mesh and steel spiral wire

Cover: rough EPDM black or green rubber resistant to wear and weathering

Temperature range: -40 °C to 100 °C

Applications: suction and pressure of chemicals, to which the inner layer of UPE rubber, food liquids, drinking water is resistant

| Inside ϕ | Outside ϕ | Working pressure | Burst pressure | Bend radius | Weight |
|---------------|----------------|------------------|----------------|-------------|--------|
| mm | mm | bar | bar | mm | kg/m |
| 19 | 30 | 16 | 64 | 130 | 0.75 |
| 25 | 37 | 16 | 64 | 150 | 0.98 |
| 30 | 42 | 10 | 40 | 240 | 1,1 |
| 32 | 46 | 16 | 64 | 256 | 1,4 |
| 35 | 48 | 10 | 40 | 280 | 1,5 |
| 38 | 52 | 16 | 64 | 304 | 1,6 |
| 40 | 54 | 10 | 40 | 350 | 1,4 |
| 51 | 65 | 16 | 64 | 450 | 2,1 |
| 60 | 75 | 10 | 40 | 520 | 2,6 |
| 63 | 78 | 16 | 64 | 550 | 2,8 |
| 76 | 94 | 16 | 64 | 600 | 3,9 |
| 80 | 96 | 10 | 40 | 630 | 4,5 |
| 102 | 122 | 16 | 64 | 800 | 5,5 |

4.4 Crijeva za kemikalije (Chemical products hoses)

Chemcord – FPM



Cijev: glatki viton (FPM) crne boje otporan na visoke temperature ulja i kemikalija - nije otporna na ketone

Ojačanje: tekstilna mreža velike čvrstoće i bakreni oplet

Presvlaka: hrapavi neopren (CR) crne boje otporan na atmosferske utjecaje, povišene temperature i ulja

Raspon temperature: -15 °C do 120 °C

Primjena: tlak kemikalija na koje je otporan unutarnji sloj od FPM gume

Tube: black smooth viton (FPM) resistant to high temperatures of oils and chemicals - not resistant to ketones

Reinforcement: high-strength textile mesh and copper braid

Cover: rough neoprene (CR) black color resistant to weathering, elevated temperatures and oils

Temperature range: -15 °C to 120 °C

Applications: pressure of chemicals to which the inner layer of FPM rubber is resistant

| Inside ϕ | Outside ϕ | Working pressure | Burst pressure | Bend radius | Weight |
|---------------|----------------|------------------|----------------|-------------|--------|
| mm | mm | bar | bar | mm | kg/m |
| 19 | 29 | 10 | 40 | 125 | 0,55 |
| 25 | 35 | 10 | 40 | 160 | 0,69 |
| 30 | 42 | 10 | 40 | 190 | 1 |
| 32 | 46 | 10 | 40 | 200 | 1,2 |
| 38 | 54 | 10 | 40 | 240 | 1,6 |
| 40 | 56 | 10 | 40 | 240 | 1,66 |
| 50 | 68 | 10 | 40 | 300 | 2,3 |
| 60 | 78 | 10 | 40 | 360 | 2,7 |
| 63 | 81 | 10 | 40 | 360 | 2,8 |
| 75 | 93 | 10 | 40 | 450 | 3,1 |
| 80 | 98 | 10 | 40 | 480 | 3,3 |
| 100 | 120 | 10 | 40 | 600 | 4,6 |

4.5 Nafta i naftni derivati, hidraulično ulje (Petroleum and petroleum products)

BR



Materijal cijevi: glatka NBR guma crne boje

Oplet: pocinčana čelična žica AISI 1008 (paralelne crvena i plava pruga)

Raspon temperature: -10 °C do 70 °C

Primjena: tlak nafte, hidrauličnog ulja, rashladnih emulzija

Hose material: non-toxic smooth black EPDM rubber

Braid: galvanized steel wire AISI 1008 (parallel red and blue stripe)

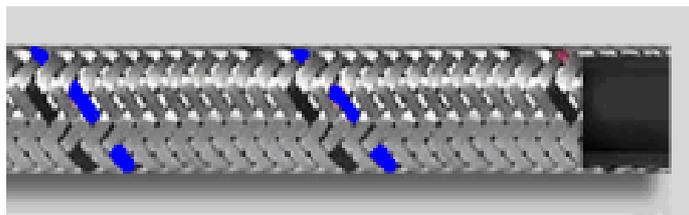
Temperature range: -10 °C to 70 °C

Application: oil pressure, hydraulic oil, cooling emulsions

| Inside ϕ | Outside ϕ | Working pressure | Burst pressure | Bend radius |
|---------------|----------------|------------------|----------------|-------------|
| <i>mm</i> | <i>mm</i> | <i>bar</i> | <i>bar</i> | <i>mm</i> |
| 5 | 10 | 15 | 75 | 30 |
| 6 | 11 | 15 | 75 | 30 |
| 8 | 13 | 15 | 75 | 40 |
| 10 | 15 | 15 | 75 | 45 |
| 13 | 19 | 15 | 60 | 50 |
| 16 | 22 | 10 | 60 | 70 |
| 19 | 25 | 10 | 50 | 80 |
| 25 | 33 | 10 | 45 | 100 |

4.5 Nafta i naftni derivati, hidraulično ulje (Petroleum and petroleum products)

TA



Materijal cijevi: glatka NBR guma crne boje otporna na ozon

Oplet: pocinčana čelična žica AISI 1008 (paralelne crna i plava pruga)

Raspon temperature: -40 °C do 100 °C (komprimirani zrak)

-40 °C do 80 °C (nafta)

-40 °C do 120 °C (hidraulično ulje)

Primjena: tlak komprimiranog zraka, nafte, hidrauličnog ulja

Hose material: non-toxic smooth black EPDM ozone resistant rubber

Braid: galvanized steel wire AISI 1008 (parallel black and blue stripe)

Temperature range: -40 °C to 100 °C (compressed air)

-40 °C to 80 °C (petroleum)

-40 °C to 120 °C (hydraulic oil)

Application: pressure of compressed air, oil, hydraulic oil

| Inside ϕ | Outside ϕ | Working pressure | Burst pressure | Bend radius |
|---------------|----------------|------------------|----------------|-------------|
| <i>mm</i> | <i>mm</i> | <i>bar</i> | <i>bar</i> | <i>mm</i> |
| 5 | 10 | 15 | 30 | 30 |
| 6 | 11 | 15 | 30 | 30 |
| 8 | 13 | 15 | 40 | 40 |
| 10 | 15 | 15 | 45 | 45 |
| 13 | 19 | 15 | 50 | 50 |
| 16 | 22 | 10 | 70 | 70 |
| 19 | 24 | 10 | 80 | 80 |
| 25 | 32 | 10 | 100 | 100 |



4.5 Nafta i naftni derivati, hidraulično ulje (Petroleum and petroleum products)

BS



Cijev: glatka NBR guma crne boje otporna na naftu, naftne derivate i hidraulično ulje

Ojačanje: samougasivi impregnirani vulkanizirani tekstil crne boje

Presvlaka: glatka guma crne boje otporna na ozon

Raspon temperature: 100 °C

Primjena: tlak benzina, nafte i hidrauličnog ulja

Tube: smooth black NBR rubber resistant to oil, petroleum products and hydraulic oil

Reinforcement: self-extinguishing impregnated vulcanized black textiles

Cover: smooth black ozone resistant rubber

Temperature range: 100 °C

Applications: gasoline, oil and hydraulic oil pressure

| Inside ϕ | Outside ϕ | Working pressure | Burst pressure | Bend radius | Weight |
|---------------|----------------|------------------|----------------|-------------|-------------|
| <i>mm</i> | <i>mm</i> | <i>bar</i> | <i>bar</i> | <i>mm</i> | <i>kg/m</i> |
| 3 | 7 | 10 | 30 | 25 | 0.04 |
| 4 | 8 | 10 | 30 | 35 | 0.05 |
| 5 | 10 | 10 | 30 | 40 | 0.08 |
| 6 | 11 | 10 | 30 | 50 | 0.10 |
| 8 | 13 | 10 | 30 | 65 | 0.11 |
| 10 | 17 | 10 | 30 | 80 | 0.19 |



4.5 Nafta i naftni derivati, hidraulično ulje (Petroleum and petroleum products)

Petrocar



Standard: EN 1360 Tip 1

Cijev: glatka NBR guma crne boje otporna naftu i naftne derivate

Ojačanje: tekstilna mreža velike čvrstoće i bakreni oplet

Presvlaka: glatka NBR guma crne boje otporna na petrokemijske proizvode, habanje, atmosferske utjecaje i starenje

Raspon temperature: -30 °C do 55 °C

Primjena: tlak nafte, običnog benzina, super benzina i ekološkog benzina - koristi se na benzinskim postajama

Standard: EN 1360 Type 1

Tube: smooth NBR black rubber resistant to oil and petroleum products

Reinforcement: textile mesh and copper braid

Cover: smooth black NBR rubber resistant to petrochemicals, wear, weathering and aging

Temperature range: -30 °C to 55 °C

Applications: pressure of oil, ordinary gasoline, super gasoline and ecological gasoline - used at gas stations

| Inside ϕ | Outside ϕ | Working pressure | Burst pressure | Weight |
|---------------|----------------|------------------|----------------|-------------|
| <i>mm</i> | <i>mm</i> | <i>bar</i> | <i>bar</i> | <i>kg/m</i> |
| 13 | 21,5 | 16 | 48 | 0.260 |
| 16 | 26 | 16 | 48 | 0.350 |
| 19 | 29 | 16 | 48 | 0.400 |
| 25 | 36.5 | 16 | 48 | 0.570 |

4.6 Zrak i plin (Air and gas hoses)

GC



Materijal cijevi: glatka termoplastična guma (NO 8 i 13), NBR guma (NO 10)
odnosno CR guma (NO 19 i NO 25)

Oplet: aluminijska žica sa 2 paralelne žute pruge (NO 8 i 13), odnosno čelčna pocinčana žica
sa 2 paralelne žute pruge (NO 10, 19 i 25)

Standardi: UNI CIG 7140 IMQ (NO 8 i 13)

DIN 22103/94 (NO 19)

ASTM C542 (NO 25)

Primjena: tlak inertnih plinova (propana, butana, metana, gradskog plina)

Hose material: smooth thermoplastic rubber (NO 8 and 13), NBR rubber (NO 10) and CR
rubber (NO 19 and NO 25)

Braid: aluminum wire with 2 parallel yellow stripes (NO 8 and 13), or galvanized steel wire
with 2 parallel yellow stripes (NO 10, 19 and 25)

Standards: -40 ° C to 100 ° C (compressed air)

-40 ° C to 80 ° C (petroleum)

-40 ° C to 120 ° C (hydraulic oil)

Application: pressure of inert gases (propane, butane, methane, city gas)

| NO | Inside ϕ | Outside ϕ | Working pressure | Burst pressure | Bend radius |
|-------|---------------|----------------|------------------|----------------|-------------|
| - | mm | mm | bar | bar | mm |
| NO 8 | 8 | 15 | 15 | 80 | 45 |
| NO 10 | 10 | 16 | 12 | 60 | 60 |
| NO 13 | 13 | 21 | 12 | 60 | 60 |
| NO 19 | 19 | 30 | 10 | 30 | 80 |
| NO 25 | 25 | 36 | 20 | 60 | 150 |



Aersuper



Cijev: glatka sintetska guma bijele boje prehrambene kvalitete otporna na zauljeni zrak

Ojačanje: tekstilna mreža

Presvlaka: hrapava sintetska guma plave boje otporna na atmosferske utjecaje i starenje

Raspon temperature: -40 ° C do 160 ° C °C

Primjena: tlak komprimiranog vrućeg zraka – montira se na kompresore kamiona cisterni za transport proizvoda poput cementa, granulata, žita

Tube: smooth synthetic rubber of food quality resistant to oily air

Reinforcement: textile net

Cover: rough synthetic rubber resistant to weathering and aging

Temperature range: -40 ° C to 160 ° C

Applications: compressed hot air pressure - mounted on tank truck compressors for transport of products such as cement, granules, grain

| Inside ϕ | Outside ϕ | Working pressure | Burst pressure | Weight |
|---------------|----------------|------------------|----------------|-------------|
| <i>mm</i> | <i>mm</i> | <i>bar</i> | <i>bar</i> | <i>kg/m</i> |
| 38 | 49 | 10 | 30 | 1,05 |
| 42 | 53 | 10 | 30 | 1,15 |
| 51 | 62 | 10 | 30 | 1,37 |
| 60 | 72 | 10 | 30 | 1,74 |
| 63 | 75 | 10 | 30 | 1,75 |
| 70 | 84 | 10 | 30 | 2,37 |
| 76 | 90 | 10 | 30 | 2,56 |
| 90 | 104 | 10 | 30 | 2,99 |
| 102 | 116 | 10 | 30 | 3,36 |

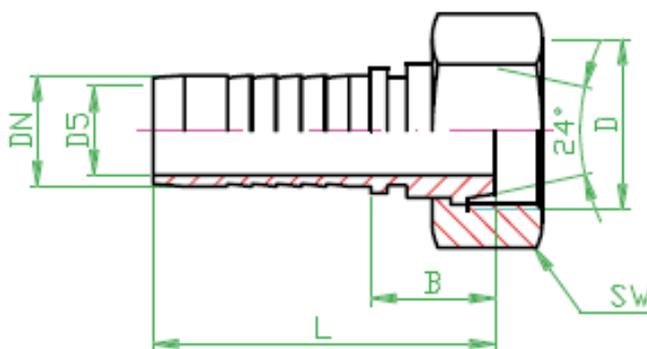
5 Priključni elementi (Couplings)

5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

DKL

Tip priključka: konus 24°i 60°, lagana serija

Type connections: cone 24°and 60°, light series



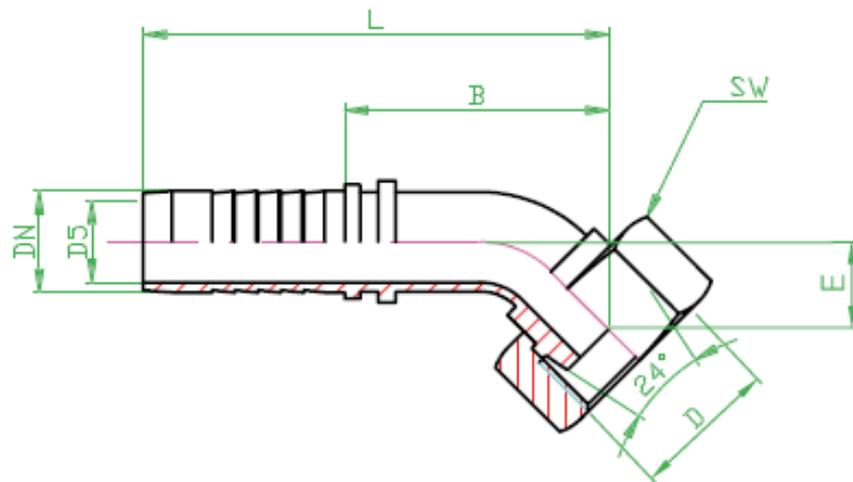
| Hose bore | | Thread | Dimensions, mm | | | | Marking |
|-----------|--------|---------|----------------|------|------|----|------------------|
| DN | inch | D | D5 | L ±3 | B ±3 | SW | |
| 6 | 1/4" | M12x1,5 | 3,6 | 49 | 22 | 17 | DKL 06 - M12x1,5 |
| 6 | 1/4" | M14x1,5 | 3,6 | 46,5 | 19,5 | 17 | DKL 06 - M14x1,5 |
| 8 | 5/16" | M16x1,5 | 6 | 48 | 19,5 | 19 | DKL 08 - M16x1,5 |
| 10 | 3/8" | M18x1,5 | 7 | 51 | 20,5 | 22 | DKL 10 - M18x1,5 |
| 12 | 1/2" | M22x1,5 | 10 | 52 | 21 | 27 | DKL 12 - M22x1,5 |
| 16 | 5/8" | M26x1,5 | 13 | 56 | 22 | 32 | DKL 16 - M26x1,5 |
| 16 | 5/8" | M27x1,5 | 13 | 56 | 22 | 32 | DKL 16 - M27x1,5 |
| 16 | 5/8" | M18x2 | 13 | 56 | 22 | 32 | DKL 16 - M18x2 |
| 19 | 3/4" | M30x2 | 16 | 62 | 23 | 36 | DKL 20 - M30x2 |
| 19 | 3/4" | M30x1,5 | 16 | 62 | 23 | 36 | DKL 20 - M30x1,5 |
| 25 | 1" | M36x2 | 21 | 79 | 31 | 41 | DKL 25 - M36x2 |
| 25 | 1" | M38x1,5 | 21 | 79 | 31 | 41 | DKL 25 - M38x1,5 |
| 31 | 1 1/4" | M45x2 | 26 | 84 | 31 | 55 | DKL 31 - M45x2 |
| 31 | 1 1/4" | M45x1,5 | 26 | 84 | 33 | 55 | DKL 31 - M45x1,5 |
| 38 | 1 1/2" | M52x2 | 33 | 90 | 33 | 60 | DKL 40 - M52x2 |
| 38 | 1 1/2" | M52x1,5 | 33 | 90 | 33 | 60 | DKL 40 - M52x1,5 |
| 51 | 2" | M65x2 | 40 | 109 | 33 | 60 | DKL 51 - M65x2 |

5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

DKL 45°

Tip priključka: konus 24°i 60°, lagana serija

Type connections: cone 24°and 60°, light series



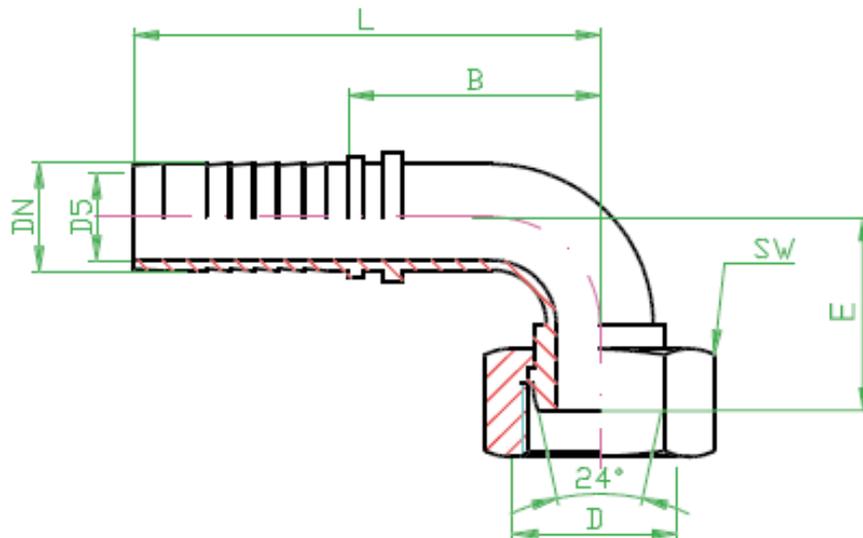
| Hose bore | | Thread | Dimensions, mm | | | | | Marking | |
|-----------|-------|---------|----------------|------|------|------|----|-----------------------|--------------------|
| DN | inch | D | D5 | L ±3 | B ±3 | E ±3 | SW | | |
| 6 | 1/4" | M14x1,5 | 4 | 62 | 35 | 16 | 17 | DKL 06-45° - M14x1,5 | |
| 8 | 5/16" | M16x1,5 | 5,5 | 65 | 38 | 18 | 19 | DKL 08-45° - M16x1,5 | |
| 10 | 3/8" | M18x1,5 | 7 | 67 | 37 | 18 | 22 | DKL 010-45° - M18x1,5 | |
| 12 | 1/2" | M22x1,5 | 10 | 80 | 49 | 22 | 27 | DKL 012-45° - M22x1,5 | |
| 16 | 5/8" | M26x1,5 | 12,6 | 96 | 62 | 26 | 32 | DKL 016-45° - M26x1,5 | |
| 19 | 3/4" | M30x2 | on request | | | | | | DKL 20-45° - M30x2 |
| 25 | 1" | M36x2 | on request | | | | | | DKL 25-45° - M36x2 |

5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

DKL 90°

Tip priključka: konus 24°i 60°, lagana serija

Type connections: cone 24°and 60°, light series



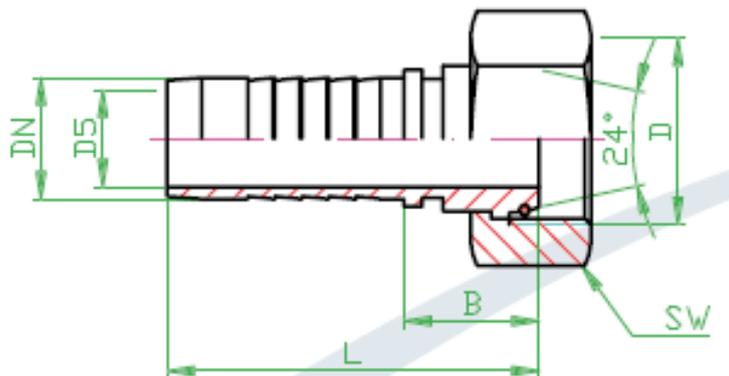
| Hose bore | | Thread | Dimensions, mm | | | | | Marking | |
|-----------|-------|---------|----------------|------|------|------|----|----------------------|-------------------|
| DN | inch | D | D5 | L ±3 | B ±3 | E ±3 | SW | | |
| 6 | 1/4" | M14x1,5 | 4 | 53 | 26 | 28 | 17 | DKL 06-90° - M14x1,5 | |
| 8 | 5/16" | M16x1,5 | 5,5 | 57 | 30 | 31 | 19 | DKL 08-90° - M16x1,5 | |
| 10 | 3/8" | M18x1,5 | 7 | 60 | 30 | 31 | 22 | DKL 10-90° - M18x1,5 | |
| 12 | 1/2" | M22x1,5 | 10 | 73 | 42 | 40 | 27 | DKL 12-90° - M22x1,5 | |
| 16 | 5/8" | M26x1,5 | 12,6 | 86 | 52 | 47 | 32 | DKL 16-90° - M26x1,5 | |
| 19 | 3/4" | M30x2 | on request | | | | | | DKL 20-90° -M30x2 |
| 25 | 1" | M36x2 | on request | | | | | | DKL 25-90° -M36x2 |

5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

DKOL

Tip priključka: konus 24°, DIN 2353, laka serija L, O ring – NBR, VITON na zahtjev

Type connection: cone 24°, DIN 2353, light series L, O ring - NBR, VITON on request



| Hose bore | | Thread | Dimensions, mm | | | | Marking |
|-----------|--------|---------|----------------|------|------|----|-------------------|
| DN | inch | D | D5 | L ±3 | B ±3 | SW | |
| 6 | 1/4" | M12x1,5 | 2,8 | 53 | 27 | 14 | DKOL 06 - M12x1,5 |
| 6 | 1/4" | M14x1,5 | 3,6 | 49 | 22 | 17 | DKOL 06 - M14x1,5 |
| 6 | 1/4" | M16x1,5 | 4 | 50 | 23 | 19 | DKOL 06 - M16x1,5 |
| 8 | 5/16" | M14x1,5 | 4 | 54 | 26 | 17 | DKOL 08 - M14x1,5 |
| 8 | 5/16" | M16x1,5 | 6 | 52 | 24 | 19 | DKOL 08 - M16x1,5 |
| 8 | 5/16" | M18x1,5 | 5,5 | 50 | 23 | 22 | DKOL 08 - M18x1,5 |
| 10 | 3/8" | M16x1,5 | 5,5 | 58 | 28 | 19 | DKOL 10 - M16x1,5 |
| 10 | 3/8" | M18x1,5 | 7 | 52,5 | 22 | 22 | DKOL 10 - M18x1,5 |
| 10 | 3/8" | M22x1,5 | 7 | 56 | 26 | 27 | DKOL 10 - M22x1,5 |
| 12 | 1/2" | M18x1,5 | 7 | 62 | 31 | 22 | DKOL 12 - M18x1,5 |
| 12 | 1/2" | M22x1,5 | 10 | 57 | 25 | 27 | DKOL 12 - M22x1,5 |
| 12 | 1/2" | M26x1,5 | 10 | 59 | 28 | 32 | DKOL 12 - M26x1,5 |
| 16 | 5/8" | M22x1,5 | 10 | 64 | 30 | 27 | DKOL 16 - M22x1,5 |
| 16 | 5/8" | M26x1,5 | 13 | 61 | 27 | 32 | DKOL 16 - M26x1,5 |
| 16 | 5/8" | M30x2 | 13 | 63 | 29 | 36 | DKOL 16 - M30x2 |
| 19 | 3/4" | M26x1,5 | 11 | 71 | 32 | 32 | DKOL 20 - M26x1,5 |
| 19 | 3/4" | M30x2 | 16 | 67 | 28 | 36 | DKOL 20 - M30x2 |
| 19 | 3/4" | M36x2 | 15 | 71 | 33 | 41 | DKOL 20 - M36x2 |
| 25 | 1" | M30x2 | 15 | 84 | 37 | 36 | DKOL 25 - M30x2 |
| 25 | 1" | M36x2 | 21 | 78 | 31 | 41 | DKOL 25 - M36x2 |
| 25 | 1" | M45x2 | 21 | 84 | 37 | 50 | DKOL 25 - M45x2 |
| 31 | 1 1/4" | M36x2 | 21 | 94 | 39 | 41 | DKOL 32 - M36x2 |
| 31 | 1 1/4" | M45x2 | 26 | 87 | 34 | 55 | DKOL 32 - M45x2 |
| 38 | 1 1/2" | M45x2 | 27 | 98 | 41 | 55 | DKOL 40 - M45x2 |
| 38 | 1 1/2" | M52x2 | 33 | 94 | 36 | 60 | DKOL 40 - M52x2 |

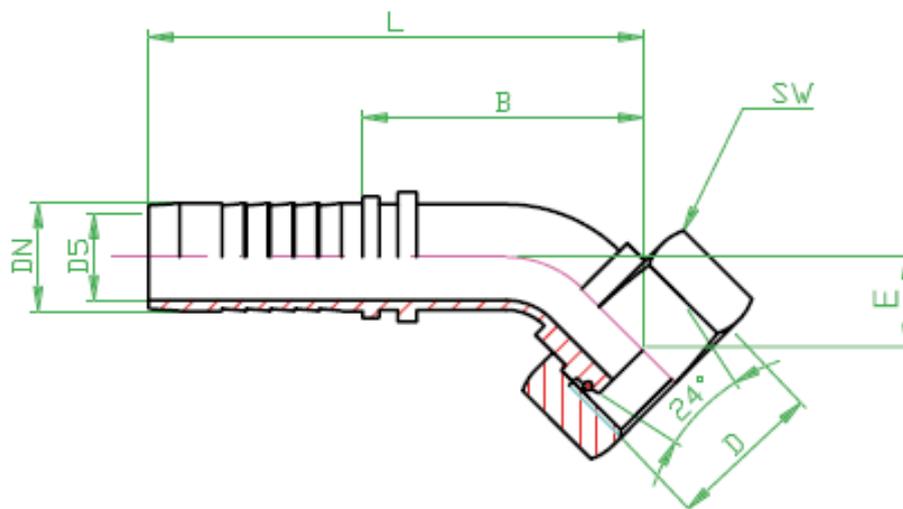


5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

DKOL 45°

Tip priključka: konus 24°, DIN 2353, laka serija L, O ring – NBR, VITON na zahtjev

Type connection: cone 24°, DIN 2353, light series L, O ring - NBR, VITON on request



| Hose bore | | Thread | Dimensions, mm | | | | | Marking |
|-----------|--------|---------|----------------|------|------|------|----|---------------------|
| DN | inch | D | D5 | L ±3 | B ±3 | E ±3 | SW | |
| 6 | 1/4" | M12x1,5 | 2,8 | 63 | 40 | 15 | 14 | DKOL 06-45° M12x1,5 |
| 6 | 1/4" | M14x1,5 | 4 | 68 | 41 | 16 | 17 | DKOL 06-45° M14x1,5 |
| 6 | 1/4" | M16x1,5 | 4 | 65 | 38 | 19 | 19 | DKOL 06-45° M16x1,5 |
| 8 | 5/16" | M14x1,5 | 4 | 68 | 44 | 18 | 17 | DKOL 08-45° M14x1,5 |
| 8 | 5/16" | M16x1,5 | 5,5 | 72 | 45 | 18 | 19 | DKOL 08-45° M16x1,5 |
| 8 | 5/16" | M18x1,5 | 5,5 | 69 | 45 | 20 | 22 | DKOL 08-45° M18x1,5 |
| 10 | 3/8" | M16x1,5 | 5,5 | 74 | 44 | 18 | 19 | DKOL 10-45° M16x1,5 |
| 10 | 3/8" | M18x1,5 | 7 | 70 | 40 | 18 | 22 | DKOL 10-45° M18x1,5 |
| 10 | 3/8" | M22x1,5 | 7 | 66 | 36 | 19 | 27 | DKOL 10-45° M22x1,5 |
| 12 | 1/2" | M18x1,5 | 8 | 83 | 52 | 23 | 22 | DKOL 12-45° M18x1,5 |
| 12 | 1/2" | M22x1,5 | 10 | 83 | 52 | 23 | 27 | DKOL 12-45° M22x1,5 |
| 12 | 1/2" | M26x1,5 | 10 | 81 | 50 | 23 | 32 | DKOL 12-45° M26x1,5 |
| 16 | 5/8" | M22x1,5 | 10 | 99 | 65 | 28 | 27 | DKOL 16-45° M22x1,5 |
| 16 | 5/8" | M26x1,5 | 13 | 98 | 64 | 25 | 32 | DKOL 16-45° M26x1,5 |
| 16 | 5/8" | M30x2 | 12,6 | 98 | 64 | 28 | 36 | DKOL 16-45° M30x2 |
| 19 | 3/4" | M26x1,5 | 11 | 116 | 77 | 34 | 32 | DKOL 20-45° M26x1,5 |
| 19 | 3/4" | M30x2 | 14,8 | 116 | 77 | 34 | 36 | DKOL 20-45° M30x2 |
| 19 | 3/4" | M36x2 | 14,8 | 114 | 75 | 32 | 41 | DKOL 20-45° M36x2 |
| 25 | 1" | M30x2 | 14 | 129 | 83 | 38 | 36 | DKOL 25-45° M30x2 |
| 25 | 1" | M36x2 | 21 | 128 | 82 | 37 | 41 | DKOL 25-45° M36x2 |
| 25 | 1" | M45x2 | 21 | 129 | 83 | 39 | 50 | DKOL 25-45° M45x2 |
| 31 | 1 1/4" | M36x2 | 21 | 169 | 115 | 40 | 41 | DKOL 32-45° M36x2 |
| 31 | 1 1/4" | M45x2 | 26,5 | 162 | 107 | 45 | 50 | DKOL 32-45° M45x2 |
| 38 | 1 1/2" | M45x2 | 27 | 170 | 112 | 51 | 50 | DKOL 40-45° M45x2 |
| 38 | 1 1/2" | M52x2 | 32,8 | 181 | 120 | 58 | 60 | DKOL 40-45° M52x2 |

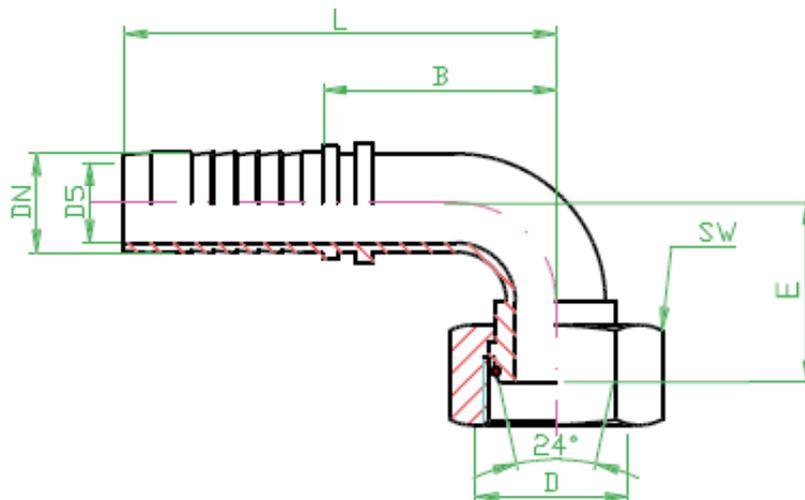


5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

DKOL 90°

Tip priključka: konus 24°, DIN 2353, laka serija L, O ring – NBR, VITON na zahtjev

Type connection: cone 24°, DIN 2353, light series L, O ring - NBR, VITON on request



| Hose bore | | Thread | Dimensions, mm | | | | | Marking |
|-----------|--------|---------|----------------|------|------|------|----|---------------------|
| DN | inch | D | D5 | L ±3 | B ±3 | E ±3 | SW | |
| 6 | 1/4" | M12x1,5 | 2,8 | 53 | 26 | 29 | 14 | DKOL 06-90° M12x1,5 |
| 6 | 1/4" | M14x1,5 | 4 | 53 | 26 | 30 | 17 | DKOL 06-90° M14x1,5 |
| 6 | 1/4" | M16x1,5 | 4 | 53 | 26 | 32 | 19 | DKOL 06-90° M16x1,5 |
| 8 | 5/16" | M14x1,5 | 4 | 57 | 30 | 33 | 17 | DKOL 08-90° M14x1,5 |
| 8 | 5/16" | M16x1,5 | 5,5 | 57 | 30 | 34 | 19 | DKOL 08-90° M16x1,5 |
| 8 | 5/16" | M18x1,5 | 5,5 | 57 | 30 | 34 | 22 | DKOL 08-90° M18x1,5 |
| 10 | 3/8" | M16x1,5 | 5,5 | 60 | 30 | 36 | 19 | DKOL 10-90° M16x1,5 |
| 10 | 3/8" | M18x1,5 | 7 | 60 | 30 | 34 | 22 | DKOL 10-90° M18x1,5 |
| 10 | 3/8" | M22x1,5 | 7 | 60 | 30 | 33 | 27 | DKOL 10-90° M22x1,5 |
| 12 | 1/2" | M18x1,5 | 8 | 73 | 42 | 44 | 22 | DKOL 12-90° M18x1,5 |
| 12 | 1/2" | M22x1,5 | 10 | 73 | 42 | 43 | 27 | DKOL 12-90° M22x1,5 |
| 12 | 1/2" | M26x1,5 | 10 | 73 | 42 | 41 | 32 | DKOL 12-90° M26x1,5 |
| 16 | 5/8" | M22x1,5 | 10 | 86 | 52 | 52 | 27 | DKOL 16-90° M22x1,5 |
| 16 | 5/8" | M26x1,5 | 13 | 81 | 47 | 48 | 32 | DKOL 16-90° M26x1,5 |
| 16 | 5/8" | M30x2 | 12,6 | 86 | 52 | 54 | 36 | DKOL 16-90° M30x2 |
| 19 | 3/4" | M26x1,5 | 11 | 99 | 60 | 64 | 32 | DKOL 20-90° M26x1,5 |
| 19 | 3/4" | M30x2 | 14,8 | 99 | 60 | 62 | 36 | DKOL 20-90° M30x2 |
| 19 | 3/4" | M36x2 | 14,8 | 99 | 60 | 63 | 41 | DKOL 20-90° M36x2 |
| 25 | 1" | M30x2 | 14 | 114 | 68 | 72 | 36 | DKOL 25-90° M30x2 |
| 25 | 1" | M36x2 | 21 | 114 | 68 | 71 | 41 | DKOL 25-90° M36x2 |
| 25 | 1" | M45x2 | 21 | 114 | 68 | 77 | 50 | DKOL 25-90° M45x2 |
| 31 | 1 1/4" | M36x2 | 21 | 148 | 94 | 87 | 41 | DKOL 32-90° M36x2 |
| 31 | 1 1/4" | M45x2 | 26,5 | 148 | 94 | 84 | 50 | DKOL 32-90° M45x2 |
| 38 | 1 1/2" | M45x2 | 27 | 162 | 105 | 106 | 50 | DKOL 40-90° M45x2 |
| 38 | 1 1/2" | M52x2 | 32,8 | 162 | 105 | | 60 | DKOL 40-90° M52x2 |

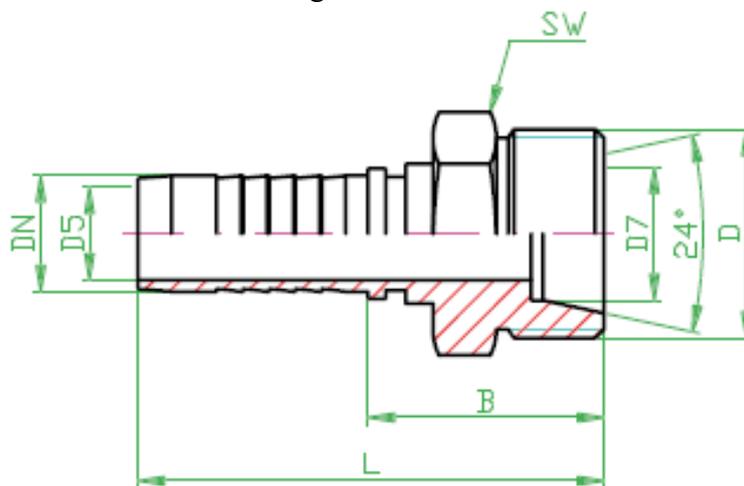


5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

CEL

Tip priključka: konus 24°, DIN 2353, laka serija L

Type connection: cone 24°, DIN 2353, light series L

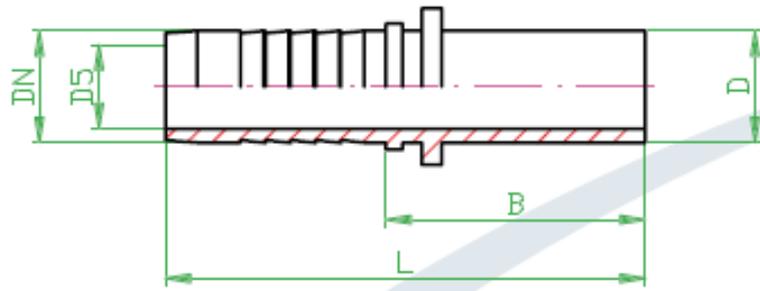


| Hose bore | | Thread | Dimensions, mm | | | | Marking |
|-----------|--------|---------|----------------|------|------|----|------------------|
| DN | inch | D | D5 | L ±3 | B ±3 | SW | |
| 6 | 1/4" | M12x1,5 | 4 | 50 | 23 | 14 | CEL 06 - M12x1,5 |
| 6 | 1/4" | M14x1,5 | 4 | 50 | 23 | 14 | CEL 06 - M14x1,5 |
| 6 | 1/4" | M16x1,5 | 4 | 54 | 27 | 17 | CEL 06 - M16x1,5 |
| 6 | 1/4" | M14x1,5 | 5,5 | 51 | 24 | 14 | CEL 06 - M14x1,5 |
| 8 | 5/16" | M16x1,5 | 5,5 | 52 | 25 | 17 | CEL 08 - M16x1,5 |
| 8 | 5/16" | M18x1,5 | 5,5 | 54 | 27 | 19 | CEL 08 - M18x1,5 |
| 8 | 5/16" | M16x1,5 | 7 | 54 | 24 | 17 | CEL 8 - M16x1,5 |
| 10 | 3/8" | M18x1,5 | 7 | 54,5 | 23,5 | 24 | CEL 10 - M18x1,5 |
| 10 | 3/8" | M22x1,5 | 7 | 58 | 28 | 22 | CEL 10 - M22x1,5 |
| 10 | 3/8" | M18x1,5 | 7 | 61 | 30 | 19 | CEL 10 - M18x1,5 |
| 12 | 1/2" | M22x1,5 | 10 | 57 | 26 | 22 | CEL 12 - M22x1,5 |
| 12 | 1/2" | M26x1,5 | 10 | 61 | 30 | 27 | CEL 12 - M26x1,5 |
| 12 | 1/2" | M22x1,5 | 13 | 70 | 36 | 22 | CEL 12 - M22x1,5 |
| 16 | 5/8" | M26x1,5 | 13 | 61 | 29 | 27 | CEL 16 - M26x1,5 |
| 16 | 5/8" | M30x2 | 13 | 65 | 31 | 30 | CEL 16 - M30x2 |
| 16 | 5/8" | M26x1,5 | 15 | 76 | 37 | 27 | CEL 16 - M26x1,5 |
| 19 | 3/4" | M30x2 | 15 | 69 | 30 | 32 | CEL 20 - M30x2 |
| 19 | 3/4" | M36x2 | 15 | 73 | 34 | 36 | CEL 20 - M36x2 |
| 19 | 3/4" | M30x2 | 15 | 88 | 42 | 30 | CEL 20 - M30x2 |
| 25 | 1" | M36x2 | 21 | 78 | 32 | 36 | CEL 25 - M36x2 |
| 25 | 1" | M45x2 | 21 | 90 | 44 | 46 | CEL 25 - M45x2 |
| 25 | 1" | M36x2 | 21 | 103 | 49 | 36 | CEL 25 - M36x2 |
| 31 | 1 1/4" | M45x2 | 27 | 99 | 37 | 46 | CEL 32 - M45x2 |
| 31 | 1 1/4" | M45x2 | 21 | 112 | 55 | 46 | CEL 32 - M45x2 |
| 38 | 1 1/2" | M52x2 | 27 | 97 | 40 | 55 | CEL 40 - M52x2 |



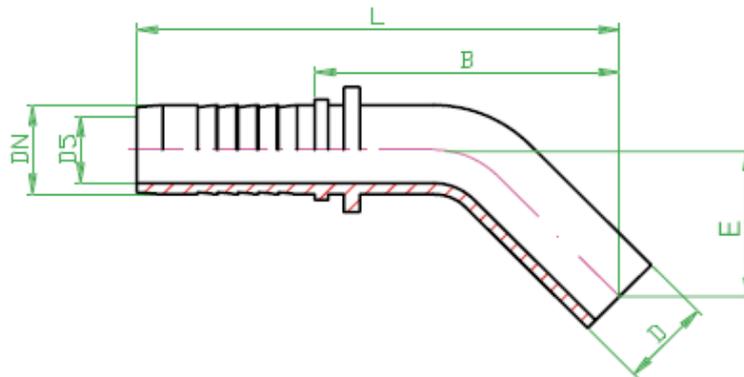
5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

BEL



| Hose bore | | Pipe | Dimensions, mm | | | Marking |
|-----------|--------|------|----------------|------|------|--------------|
| DN | inch | D | D5 | L ±3 | B ±3 | |
| 6 | 1/4" | 08L | 4 | 57 | 30 | BEL 06 - 08L |
| 8 | 5/16" | 10L | 5,5 | 57 | 30 | BEL 08 - 10L |
| 10 | 3/8" | 12L | 7 | 62 | 32 | BEL 10 - 12L |
| 12 | 1/2" | 15L | 10 | 67 | 36 | BEL 12 - 15L |
| 16 | 5/8" | 18L | 13 | 72 | 38 | BEL 16 - 18L |
| 19 | 3/4" | 22L | 15 | 80 | 41 | BEL 20 - 22L |
| 25 | 1" | 28L | 21 | 99 | 47 | BEL 25 - 28L |
| 31 | 1 1/4" | 35L | 27 | 101 | 47 | BEL 32 - 35L |
| 38 | 1 1/2" | 42L | 33 | 130 | 47 | BEL 40 - 42L |

BEL 45°

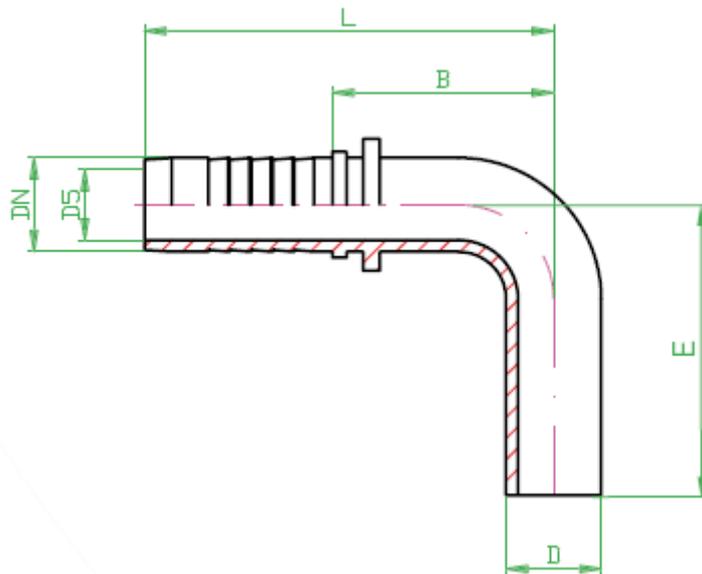


| Hose bore | | Pipe | Dimensions, mm | | | | Marking |
|-----------|--------|------|----------------|------|------|------|-----------------|
| DN | inch | D | D5 | L ±3 | B ±3 | E ±3 | |
| 6 | 1/4" | 08L | 4 | 65 | 38 | 29 | BEL 06-45°- 08L |
| 8 | 5/16" | 10L | 5,5 | 68 | 41 | 30 | BEL 08-45°- 10L |
| 10 | 3/8" | 12L | 7 | 75 | 45 | 32 | BEL 10-45°- 12L |
| 12 | 1/2" | 15L | 10 | 85 | 54 | 33 | BEL 12-45°- 15L |
| 16 | 5/8" | 18L | 13 | 95 | 61 | 34 | BEL 16-45°- 18L |
| 19 | 3/4" | 22L | 15 | 110 | 71 | 34 | BEL 20-45°- 22L |
| 25 | 1" | 28L | 21 | 125 | 79 | 36 | BEL 25-45° 28L |
| 31 | 1 1/4" | 35L | 27 | 145 | 91 | 36 | BEL 32-45°- 35L |
| 38 | 1 1/2" | 42L | 32 | 158 | 101 | 36 | BEL 40-45°- 42L |



5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

BEL 90°



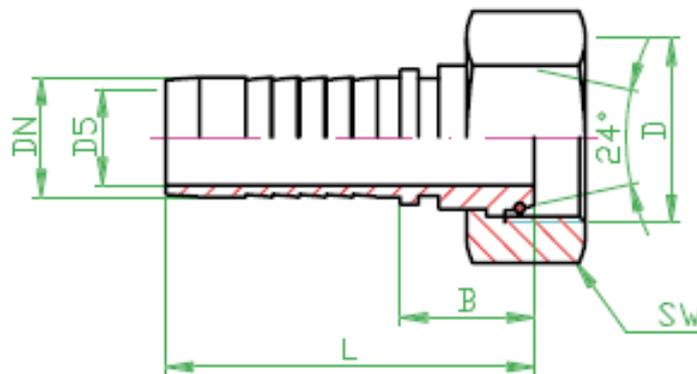
| Hose bore | | Pipe | Dimensions, mm | | | | Marking |
|-----------|--------|------|----------------|------|------|------|-----------------|
| DN | inch | D | D5 | L ±3 | B ±3 | E ±3 | |
| 6 | 1/4" | 08L | 4 | 80 | 53 | 20 | BEL 06-90°- 08L |
| 8 | 5/16" | 10L | 5,5 | 80 | 53 | 22 | BEL 08-90°- 10L |
| 10 | 3/8" | 12L | 7 | 87 | 57 | 22 | BEL 10-90°- 12L |
| 12 | 1/2" | 15L | 10 | 94 | 63 | 22,5 | BEL 12-90°- 15L |
| 16 | 5/8" | 18L | 13 | 110 | 76 | 31 | BEL 16-90°- 18L |
| 19 | 3/4" | 22L | 15 | 123 | 84 | 32 | BEL 20-90°- 22L |
| 25 | 1" | 28L | 21 | 141 | 95 | 40 | BEL 25-90° 28L |
| 31 | 1 1/4" | 35L | 27 | 158 | 104 | 34 | BEL 32-90°- 35L |
| 38 | 1 1/2" | 42L | 32 | 169 | 112 | 46 | BEL 40-90°- 42L |

5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

DKOS

Tip priključka: konus 24°, DIN 2353, teža serija S, O ring – NBR, VITORN na zahtjev

Type connection: cone 24°, DIN 2353, heavy series S, O ring – NBR, VITON on request



| Hose bore | | Thread | Dimensions, mm | | | | Marking |
|-----------|--------|---------|----------------|------|------|----|-------------------|
| DN | inch | D | D5 | L ±3 | B ±3 | SW | |
| 6 | 1/4" | M14x1,5 | 2,8 | 52 | 25 | 17 | DKOS 06 - M14x1,5 |
| 6 | 1/4" | M16x1,5 | 4 | 52 | 25 | 19 | DKOS 06 - M16x1,5 |
| 6 | 1/4" | M18x1,5 | 4 | 52 | 25 | 22 | DKOS 06 - M18x1,5 |
| 6 | 1/4" | M20x1,5 | 4 | 55 | 28 | 24 | DKOS 06 - M20x1,5 |
| 8 | 5/16" | M18x1,5 | 5,5 | 52 | 25 | 22 | DKOS 08 - M18x1,5 |
| 8 | 5/16" | M20x1,5 | 5,5 | 52 | 25 | 24 | DKOS 08 - M20x1,5 |
| 8 | 5/16" | M22x1,5 | 5,5 | 56 | 29 | 27 | DKOS 08 - M22x1,5 |
| 10 | 3/8" | M20x1,5 | 7 | 56 | 26 | 24 | DKOS 10 - M20x1,5 |
| 10 | 3/8" | M22x1,5 | 7 | 56 | 26 | 27 | DKOS 10 - M22x1,5 |
| 10 | 3/8" | M24x1,5 | 7 | 58 | 28 | 30 | DKOS 10 - M24x1,5 |
| 12 | 1/2" | M22x1,5 | 7 | 63 | 32 | 27 | DKOS 12 - M22x1,5 |
| 12 | 1/2" | M24x1,5 | 10 | 61 | 30 | 30 | DKOS 12 - M24x1,5 |
| 12 | 1/2" | M30x2 | 10 | 64 | 33 | 36 | DKOS 12 - M30x2 |
| 16 | 5/8" | M24x1,5 | 10 | 66 | 32 | 30 | DKOS 16 - M24x1,5 |
| 16 | 5/8" | M30x2 | 13 | 69 | 35 | 36 | DKOS 16 - M30x2 |
| 16 | 5/8" | M36x2 | 13 | 68 | 34 | 46 | DKOS 16 - M36x2 |
| 16 | 5/8" | M30x2 | 13 | 74 | 35 | 36 | DKOS 16 - M30x2 |
| 19 | 3/4" | M36x2 | 15 | 78 | 39 | 46 | DKOS 20 - M36x2 |
| 19 | 3/4" | M42x2 | 15 | 73 | 34 | 50 | DKOS 20 - M42x2 |
| 19 | 3/4" | M36x2 | 15 | 87 | 41 | 46 | DKOS 20 - M36x2 |
| 25 | 1" | M42x2 | 21,1 | 90 | 44 | 50 | DKOS 25 - M42x2 |
| 25 | 1" | M52x2 | 21 | 84 | 38 | 60 | DKOS 25 - M52x2 |
| 25 | 1" | M42x2 | 21 | 95 | 41 | 50 | DKOS 25 - M42x2 |
| 31 | 1 1/4" | M52x2 | 27 | 103 | 49 | 60 | DKOS 32 - M52x2 |
| 38 | 1 1/2" | M52x2 | 27 | 99 | 42 | 60 | DKOS 40 - M52x2 |

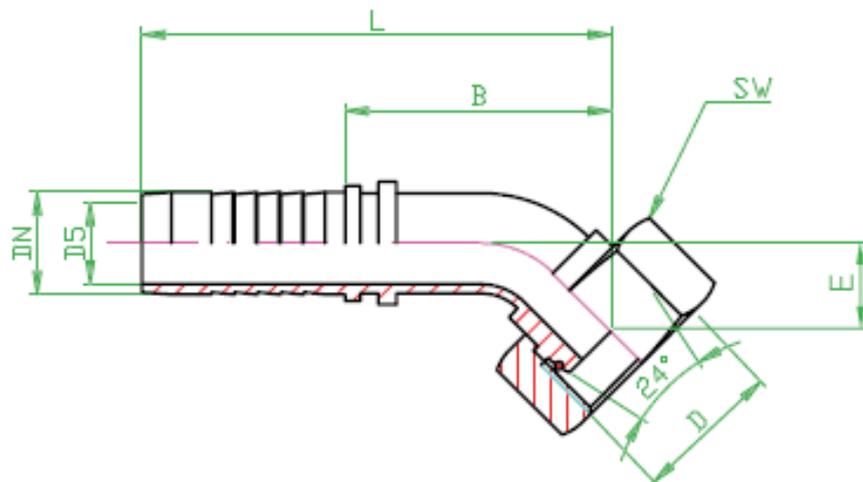


5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

DKOS 45°

Tip priključka: konus 24°, DIN 2353, teža serija S, O ring – NBR, VITORN na zahtjev

Type connection: cone 24°, DIN 2353, heavy series S, O ring – NBR, VITON on request



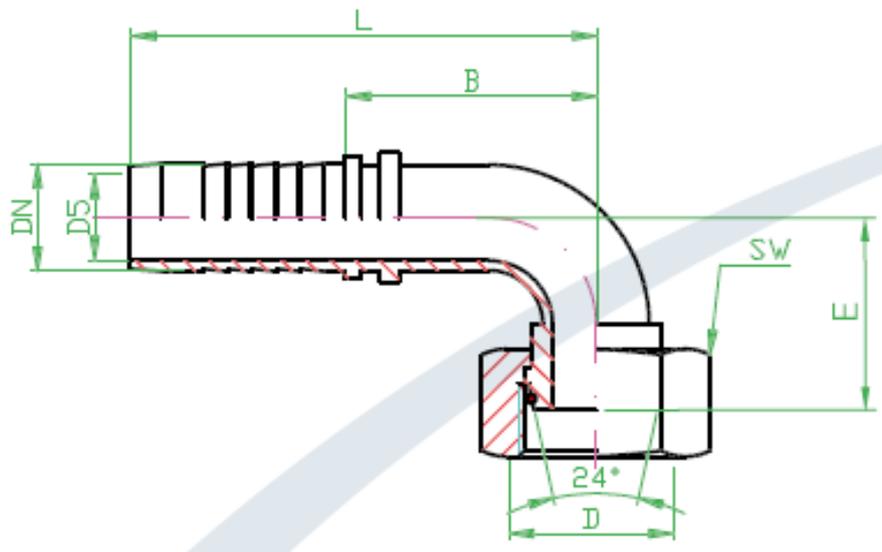
| Hose bore | | Thread | Dimensions, mm | | | | | Marking |
|-----------|--------|---------|----------------|------|------|------|----|-----------------------|
| DN | inch | D | D5 | L ±3 | B ±3 | E ±3 | SW | |
| 6 | 1/4" | M16x1,5 | 4 | 65 | 41 | 18 | 19 | DKOS 06-45° - M16x1,5 |
| 6 | 1/4" | M18x1,5 | 4 | 68 | 41 | 17 | 22 | DKOS 06-45° - M18x1,5 |
| 6 | 1/4" | M20x1,5 | 4 | 68 | 41 | 17 | 24 | DKOS 06-45° - M20x1,5 |
| 8 | 5/16" | M18x1,5 | 5,5 | 73 | 46 | 18 | 22 | DKOS 08-45° - M18x1,5 |
| 8 | 5/16" | M20x1,5 | 5,5 | 72 | 45 | 17 | 24 | DKOS 08-45° - M20x1,5 |
| 8 | 5/16" | M22x1,5 | 5,5 | 69 | 46 | 21 | 27 | DKOS 08-45° - M22x1,5 |
| 10 | 3/8" | M20x1,5 | 7 | 71 | 41 | 18 | 24 | DKOS 10-45° - M20x1,5 |
| 10 | 3/8" | M22x1,5 | 7 | 72 | 42 | 18 | 27 | DKOS 10-45° - M22x1,5 |
| 10 | 3/8" | M24x1,5 | 7 | 72 | 42 | 19 | 30 | DKOS 10-45° - M24x1,5 |
| 12 | 1/2" | M22x1,5 | 7 | 85 | 54 | 24 | 27 | DKOS 12-45° - M22x1,5 |
| 12 | 1/2" | M24x1,5 | 10 | 84 | 53 | 23 | 30 | DKOS 12-45° - M24x1,5 |
| 12 | 1/2" | M30x2 | 10 | 101 | 70 | 27 | 36 | DKOS 12-45° - M30x2 |
| 16 | 5/8" | M24x1,5 | 10 | 101 | 67 | 28 | 30 | DKOS 16-45° - M24x1,5 |
| 16 | 5/8" | M30x2 | 12,6 | 102 | 68 | 32 | 36 | DKOS 16-45° - M30x2 |
| 16 | 5/8" | M36x2 | 12,6 | 103 | 69 | 32 | 46 | DKOS 16-45° - M36x2 |
| 19 | 3/4" | M30x2 | 13 | 117 | 78 | 34 | 36 | DKOS 19-45° - M30x2 |
| 19 | 3/4" | M36x2 | 14,8 | 118 | 79 | 36 | 41 | DKOS 20-45° - M36x2 |
| 19 | 3/4" | M42x2 | 14,8 | 113 | 74 | 34 | 50 | DKOS 20-45° - M42x2 |
| 25 | 1" | M36x2 | 14,8 | 133 | 87 | 41 | 46 | DKOS 25-45° - M36x2 |
| 25 | 1" | M42x2 | 21 | 130 | 84 | 39 | 50 | DKOS 25-45° - M42x2 |
| 25 | 1" | M52x2 | 21,1 | 129 | 83 | 39 | 60 | DKOS 25-45° - M52x2 |
| 31 | 1.1/4" | M42x2 | 20 | 169 | 115 | 40 | 50 | DKOS 32-45° - M42x2 |
| 31 | 1.1/4" | M52x2 | 26,5 | 168 | 114 | 39 | 60 | DKOS 32-45° - M52x2 |
| 38 | 1.1/2" | M52x2 | 27 | 172 | 115 | 53 | 60 | DKOS 40-45° - M52x2 |

5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

DKOS 90°

Tip priključka: konus 24°, DIN 2353, teža serija S, O ring – NBR, VITORN na zahtjev

Type connection: cone 24°, DIN 2353, heavy series S, O ring – NBR, VITON on request



| Hose bore | | Thread | Dimensions, mm | | | | | Marking |
|-----------|--------|---------|----------------|------|------|------|----|-----------------------|
| DN | inch | D | D5 | L ±3 | B ±3 | E ±3 | SW | |
| 6 | 1/4" | M16x1,5 | 4 | 53 | 26 | 32 | 19 | DKOS 06-90° - M16x1,5 |
| 6 | 1/4" | M18x1,5 | 4 | 52 | 25 | 33 | 22 | DKOS 06-90° - M18x1,5 |
| 6 | 1/4" | M20x1,5 | 4 | 53 | 26 | 31 | 24 | DKOS 06-90° - M20x1,5 |
| 8 | 5/16" | M18x1,5 | 5,5 | 57 | 30 | 35 | 22 | DKOS 08-90° - M18x1,5 |
| 8 | 5/16" | M20x1,5 | 5,5 | 57 | 30 | 33 | 24 | DKOS 08-90° - M20x1,5 |
| 8 | 5/16" | M22x1,5 | 5,5 | 57 | 30 | 35 | 27 | DKOS 08-90° - M22x1,5 |
| 10 | 3/8" | M20x1,5 | 7 | 60 | 30 | 33 | 24 | DKOS 10-90° - M20x1,5 |
| 10 | 3/8" | M22x1,5 | 7 | 60 | 30 | 35 | 27 | DKOS 10-90° - M22x1,5 |
| 10 | 3/8" | M24x1,5 | 7 | 60 | 30 | 34 | 30 | DKOS 10-90° - M24x1,5 |
| 12 | 1/2" | M22x1,5 | 7 | 76 | 45 | 45 | 27 | DKOS 12-90° - M22x1,5 |
| 12 | 1/2" | M24x1,5 | 10 | 73 | 42 | 44 | 30 | DKOS 12-90° - M24x1,5 |
| 12 | 1/2" | M30x2 | 10 | 73 | 42 | 48 | 36 | DKOS 12-90° - M30x2 |
| 16 | 5/8" | M24x1,5 | 10 | 86 | 52 | 56 | 30 | DKOS 16-90° - M24x1,5 |
| 16 | 5/8" | M30x2 | 12,6 | 85 | 51 | 57 | 36 | DKOS 16-90° - M30x2 |
| 16 | 5/8" | M36x2 | 12,6 | 86 | 52 | 54 | 46 | DKOS 16-90° - M36x2 |
| 19 | 3/4" | M30x2 | 13 | 99 | 60 | 68 | 36 | DKOS 19-90° - M30x2 |
| 19 | 3/4" | M36x2 | 14,8 | 99 | 60 | 67 | 46 | DKOS 20-90° - M36x2 |
| 19 | 3/4" | M42x2 | 14,8 | 99 | 60 | 64 | 50 | DKOS 20-90° - M42x2 |
| 25 | 1" | M36x2 | 14,8 | 114 | 68 | 64 | 46 | DKOS 25-90° - M36x2 |
| 25 | 1" | M42x2 | 21 | 114 | 68 | 76 | 50 | DKOS 25-90° - M42x2 |
| 25 | 1" | M52x2 | 21,1 | 114 | 68 | 72 | 60 | DKOS 25-90° - M52x2 |
| 31 | 1.1/4" | M42x2 | 20 | 148 | 94 | 87 | 50 | DKOS 32-90° - M42x2 |
| 31 | 1.1/4" | M52x2 | 26,5 | 148 | 94 | 84 | 60 | DKOS 32-90° - M52x2 |
| 38 | 1.1/2" | M52x2 | 27 | 162 | 105 | 106 | 60 | DKOS 40-90° - M52x2 |

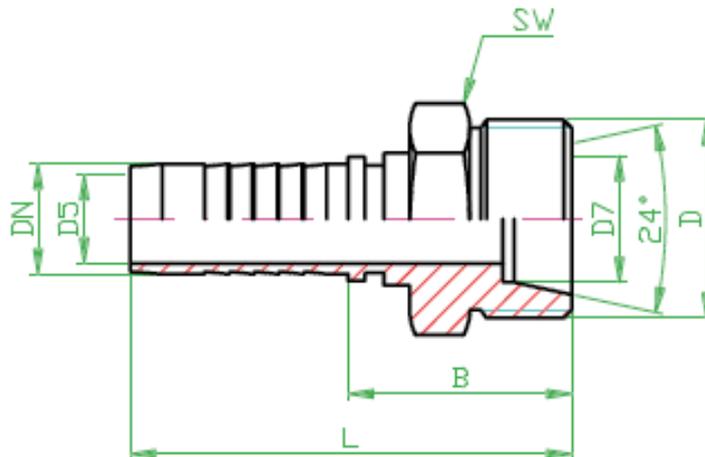


5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

CES

Tip priključka: konus 24°, DIN 2353, teža serija S

Type connection: cone 24°, DIN 2353, heavy series S

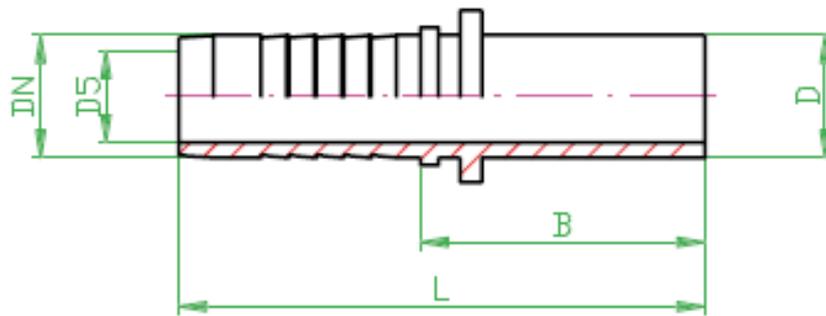


| Hose bore | | Thread | Dimensions, mm | | | | Marking |
|-----------|--------|---------|----------------|------|------|----|------------------|
| DN | inch | D | D5 | L ±3 | B ±3 | SW | |
| 6 | 1/4" | M16x1,5 | 4 | 55 | 28 | 17 | CES 06 - M16x1,5 |
| 6 | 1/4" | M18x1,5 | 4 | 55 | 28 | 19 | CES 06 - M18x1,5 |
| 6 | 1/4" | M20x1,5 | 4 | 56 | 29 | 22 | CES 06 - M20x1,5 |
| 6 | 1/4" | M18x1,5 | 5,5 | 56 | 29 | 19 | CES 06 - M18x1,5 |
| 8 | 5/16" | M20x1,5 | 5,5 | 55 | 28 | 22 | CES 08 - M20x1,5 |
| 8 | 5/16" | M22x1,5 | 5,5 | 56 | 29 | 22 | CES 08 - M22x1,5 |
| 8 | 5/16" | M20x1,5 | 7 | 57 | 27 | 22 | CES 8 - M20x1,5 |
| 10 | 3/8" | M22x1,5 | 7 | 59 | 29 | 22 | CES 10 - M22x1,5 |
| 10 | 3/8" | M24x1,5 | 7 | 62 | 32 | 24 | CES 10 - M24x1,5 |
| 10 | 3/8" | M22x1,5 | 10 | 65 | 34 | 22 | CES 10 - M22x1,5 |
| 12 | 1/2" | M24x1,5 | 10 | 64 | 33 | 27 | CES 12 - M24x1,5 |
| 12 | 1/2" | M30x2 | 10 | 66 | 35 | 30 | CES 12 - M30x2 |
| 12 | 1/2" | M24x1,5 | 13 | 70 | 36 | 24 | CES 12 - M24x1,5 |
| 16 | 5/8" | M30x2 | 13 | 72 | 38 | 30 | CES 16 - M30x2 |
| 16 | 5/8" | M36x2 | 13 | 71 | 37 | 36 | CES 16 - M36x2 |
| 16 | 5/8" | M30x2 | 15 | 75 | 36 | 30 | CES 16 - M30x2 |
| 19 | 3/4" | M36x2 | 15 | 80 | 41 | 36 | CES 20 - M36x2 |
| 19 | 3/4" | M42x2x | 15 | 81 | 42 | 46 | CES 20 - M42x2x |
| 19 | 3/4" | M36x2 | 20 | 95 | 49 | 36 | CES 20 - M36x2 |
| 25 | 1" | M42x2 | 21,1 | 90 | 44 | 46 | CES 25 - M42x2 |
| 25 | 1" | M52x2 | 21,1 | 98 | 52 | 55 | CES 25 - M52x2 |
| 25 | 1" | M42x2 | 21 | 109 | 55 | 46 | CES 25 - M42x2 |
| 31 | 1.1/4" | M52x2 | 27 | 99 | 45 | 55 | CES 32 - M52x2 |
| 38 | 1.1/2" | M52x2 | 32,5 | 106 | 49 | 55 | CES 40 - M52x2 |



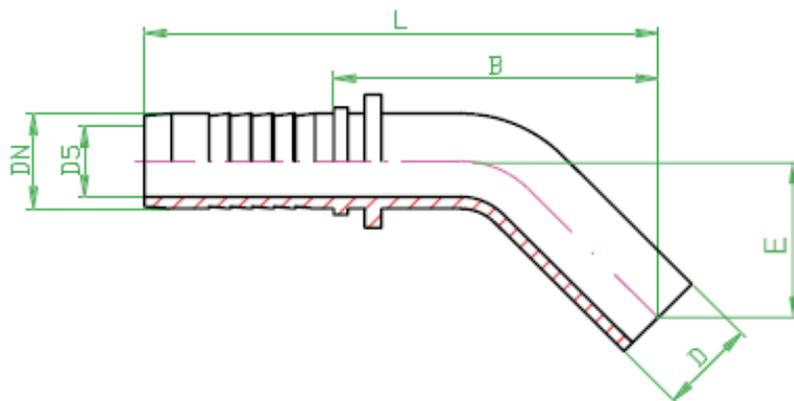
5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

BES



| Hose bore | | Pipe | Dimensions, mm | | | Marking |
|-----------|--------|------|----------------|------|------|--------------|
| DN | inch | D | D5 | L ±3 | B ±3 | |
| 6 | 1/4" | 10S | 4 | 57 | 30 | BES 06 - 10S |
| 8 | 5/16" | 12S | 5,5 | 59 | 32 | BES 08 - 12S |
| 10 | 3/8" | 14S | 7 | 64 | 34 | BES 10 - 14S |
| 12 | 1/2" | 16S | 10 | 69 | 38 | BES 12 - 16S |
| 16 | 5/8" | 20S | 13 | 72 | 38 | BES 16 - 20S |
| 19 | 3/4" | 25S | 15 | 80 | 41 | BES 20 - 25S |
| 25 | 1" | 30S | 21 | 93 | 47 | BES 25 - 30S |
| 31 | 1.1/4" | 38S | 27 | 93 | 39 | BES 32 - 38S |

BES 45°

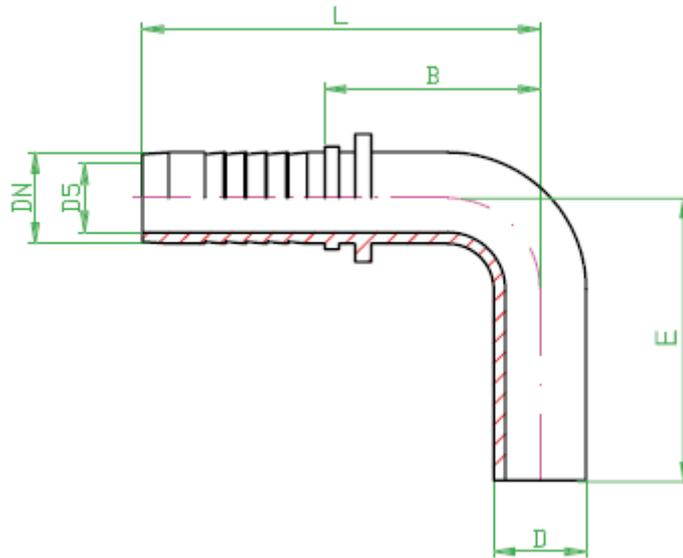


| Hose bore | | Pipe | Dimensions, mm | | | Marking | |
|-----------|--------|------|----------------|------|------|---------|-----------------|
| DN | inch | D | D5 | L ±3 | B ±3 | E ±3 | |
| 6 | 1/4" | 10S | 4 | 81 | 54 | 22 | BES 06-45°- 10S |
| 8 | 5/16" | 12S | 5,5 | 84 | 57 | 22 | BES 08-45°- 12S |
| 10 | 3/8" | 14S | 7 | 91 | 61 | 22,5 | BES 10-45°- 14S |
| 12 | 1/2" | 16S | 10 | 108 | 77 | 31 | BES 12-45°- 16S |
| 16 | 5/8" | 20S | 13 | 115 | 81 | 32 | BES 16-45°- 20S |
| 19 | 3/4" | 25S | 15 | 130 | 91 | 40 | BES 20-45°- 25S |
| 25 | 1" | 30S | 20 | 147 | 101 | 43 | BES 25-45° 30S |
| 31 | 1.1/4" | 38S | 27 | 164 | 110 | 46 | BES 32-45°- 38S |



5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

BES 90°



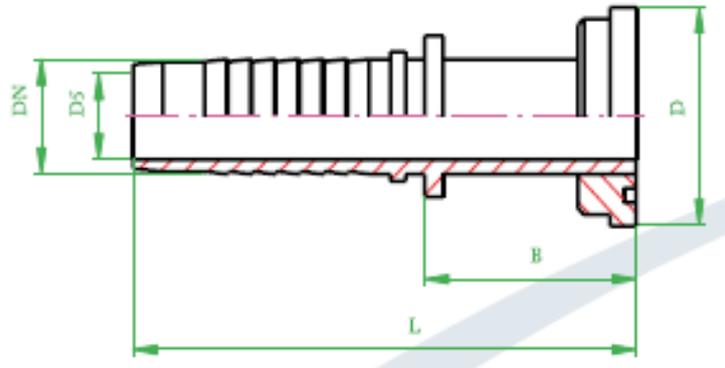
| Hose bore | | Pipe | Dimensions, mm | | | | Marking |
|-----------|--------|------|----------------|------|------|------|-----------------|
| DN | inch | D | D5 | L ±3 | B ±3 | E ±3 | |
| 6 | 1/4" | 10S | 4 | 67 | 40 | 40 | BES 06-90°- 10S |
| 8 | 5/16" | 12S | 5,5 | 74 | 47 | 42 | BES 08-90°- 12S |
| 10 | 3/8" | 14S | 7 | 81 | 51 | 45 | BES 10-90°- 14S |
| 12 | 1/2" | 16S | 10 | 93 | 62 | 60 | BES 12-90°- 16S |
| 16 | 5/8" | 20S | 13 | 102 | 68 | 65 | BES 16-90°- 20S |
| 19 | 3/4" | 25S | 11 | 113 | 74 | 80 | BES 20-90°- 25S |
| 25 | 1" | 30S | 21 | 133 | 87 | 90 | BES 25-90° 30S |
| 31 | 1.1/4" | 38S | 27 | 154 | 100 | 100 | BES 32-90°- 38S |

5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

SFL

Tip priključka: prirubnički spoj SAE J518 3000 p.s.i.

Type connection: flange SAE J518 3000 p.s.i.



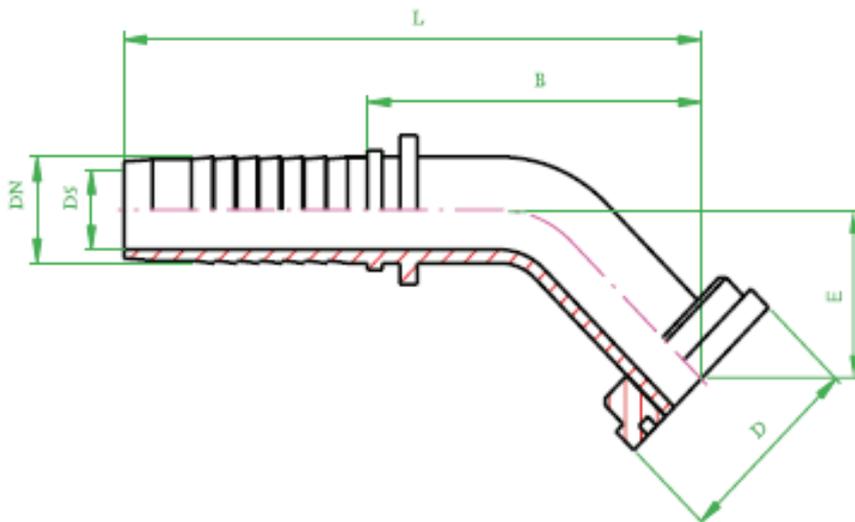
| Hose bore | | Flange | | Dimensions, mm | | | Marking |
|-----------|--------|--------|------|----------------|------|------|-----------------|
| DN | inch | inch | D | D5 | L ±3 | B ±3 | |
| 12 | 1/2" | 1/2" | 30,2 | 10 | 77 | 46 | SFL 12 - 1/2" |
| 12 | 1/2" | 3/4" | 38,1 | 10 | 79 | 48 | SFL 12 - 3/4" |
| 16 | 5/8" | 1/2" | 30,2 | 12,6 | 78 | 44 | SFL 16 - 1/2" |
| 16 | 5/8" | 3/4" | 38,1 | 12,6 | 78 | 44 | SFL 16 - 3/4" |
| 19 | 3/4" | 1/2" | 30,2 | 13,5 | 91 | 52 | SFL 20 - 1/2" |
| 19 | 3/4" | 3/4" | 38,1 | 14,8 | 88 | 49 | SFL 20 - 3/4" |
| 19 | 3/4" | 1" | 44,5 | 14,8 | 91 | 52 | SFL 20 - 1" |
| 25 | 1" | 3/4" | 38,1 | 20 | 103 | 57 | SFL 25 - 3/4" |
| 25 | 1" | 1" | 44,5 | 21,1 | 98 | 43 | SFL 25 - 1" |
| 25 | 1" | 1.1/4" | 50,8 | 21,1 | 98 | 43 | SFL 25 - 1.1/4" |
| 31 | 1.1/4" | 1" | 44,5 | 26,5 | 116 | 62 | SFL 32 - 1" |
| 31 | 1.1/4" | 1.1/4" | 50,8 | 26,5 | 114 | 60 | SFL 32 - 1.1/4" |
| 31 | 1.1/4" | 1.1/2" | 60,3 | 26,5 | 116 | 62 | SFL 32 - 1.1/2" |
| 38 | 1.1/2" | 1.1/4" | 50,8 | 32,5 | 118 | 61 | SFL 40 - 1.1/4" |
| 38 | 1.1/2" | 1.1/2" | 60,3 | 32,8 | 119 | 62 | SFL 40 - 1.1/2" |
| 38 | 1.1/2" | 2" | 71,4 | 32,8 | 119 | 62 | SFL 40 - 2" |
| 51 | 2" | 1.1/2" | 60,3 | 34,5 | 141 | 67 | SFL 50 - 1.1/2" |
| 51 | 2" | 2" | 71,4 | 44,5 | 137 | 62 | SFL 50 - 2" |

5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

SFL 45°

Tip priključka: prirubnički spoj SAE J518 3000 p.s.i.

Type connection: flange SAE J518 3000 p.s.i.



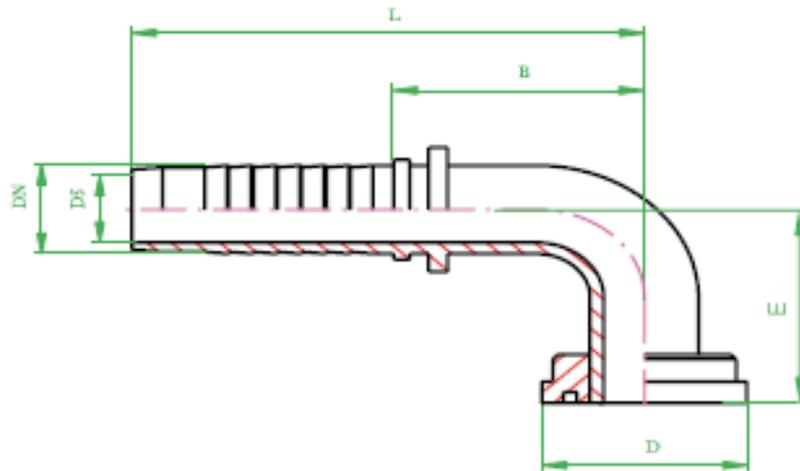
| Hose bore | | Flange | | Dimensions, mm | | | | Marking |
|-----------|--------|--------|------|----------------|------|------|------|---------------------|
| DN | inch | inch | D | D5 | L ±3 | B ±3 | E ±3 | |
| 12 | 1/2" | 1/2" | 30,2 | 10 | 74 | 49 | 20 | SFL 12-45° - 1/2" |
| 12 | 1/2" | 3/4" | 38,1 | 10 | 82 | 38 | 23 | SFL 12-45° - 3/4" |
| 16 | 5/8" | 1/2" | 30,2 | 12,6 | 86 | 63 | 26 | SFL 16-45° - 1/2" |
| 16 | 5/8" | 3/4" | 38,1 | 12,6 | 87 | 63 | 24 | SFL 16-45° - 3/4" |
| 19 | 3/4" | 1/2" | 30,2 | 13,5 | 103 | 76 | 31 | SFL 20-45° - 1/2" |
| 19 | 3/4" | 3/4" | 38,1 | 14,8 | 103 | 76 | 31 | SFL 20-45° - 3/4" |
| 19 | 3/4" | 1" | 44,5 | 14,8 | 114 | 75 | 31 | SFL 20-45° - 1" |
| 25 | 1" | 3/4" | 38,1 | 20 | 121 | 75 | 32 | SFL 25-45° - 3/4" |
| 25 | 1" | 1" | 44,5 | 21,1 | 128 | 82 | 32 | SFL 25-45° - 1" |
| 25 | 1" | 1.1/4" | 50,8 | 21,1 | 127 | 81 | 31 | SFL 25-45° - 1.1/4" |
| 31 | 1.1/4" | 1" | 44,5 | 26,5 | 159 | 105 | 45 | SFL 32-45° - 1" |
| 31 | 1.1/4" | 1.1/4" | 50,8 | 26,5 | 158 | 104 | 44 | SFL 32-45° - 1.1/4" |
| 31 | 1.1/4" | 1.1/2" | 60,3 | 26,5 | 158 | 104 | 45 | SFL 32-45° - 1.1/2" |
| 38 | 1.1/2" | 1.1/4" | 50,8 | 32,5 | 168 | 101 | 43 | SFL 40-45° - 1.1/4" |
| 38 | 1.1/2" | 1.1/2" | 60,3 | 32,8 | 168 | 111 | 48 | SFL 40-45° - 1.1/2" |
| 38 | 1.1/2" | 2" | 71,4 | 32,8 | 169 | 112 | 48 | SFL 40-45° - 2" |
| 51 | 2" | 1.1/2" | 60,3 | 34,5 | 191 | 116 | 50 | SFL 50-45° - 1.1/2" |
| 51 | 2" | 2" | 71,4 | 44,5 | 202 | 127 | 50 | SFL 50-45° - 2" |

5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

SFL 90°

Tip priključka: prirubnički spoj SAE J518 3000 p.s.i.

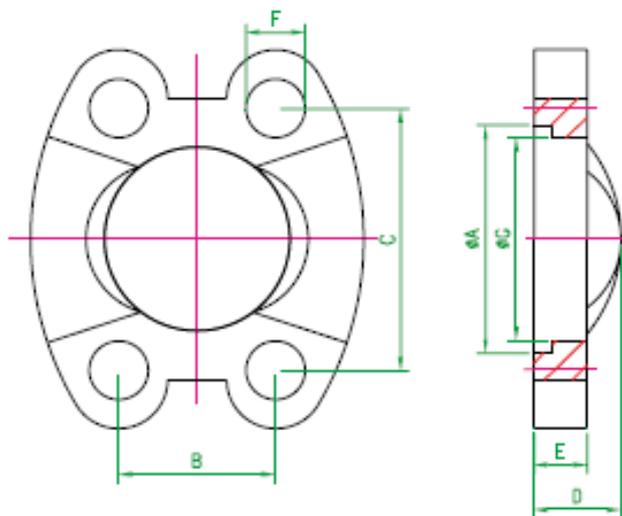
Type connection: flange SAE J518 3000 p.s.i.



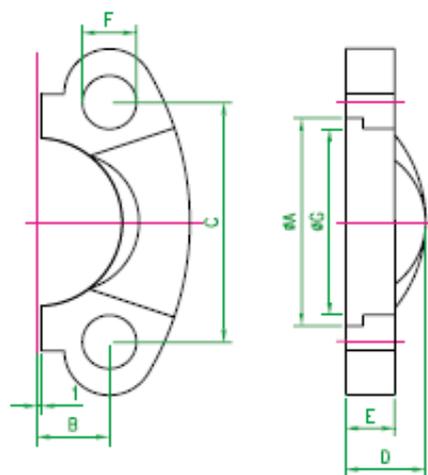
| Hose bore | | Flange | | Dimensions, mm | | | | Marking |
|-----------|--------|--------|------|----------------|------|------|------|---------------------|
| DN | inch | inch | D | D5 | L ±3 | B ±3 | E ±3 | |
| 12 | 1/2" | 1/2" | 30,2 | 10 | 73 | 42 | 39 | SFL 12-90° - 1/2" |
| 12 | 1/2" | 3/4" | 38,1 | 10 | 73 | 42 | 39 | SFL 12-90° - 3/4" |
| 16 | 5/8" | 1/2" | 30,2 | 12,6 | 89 | 55 | 49 | SFL 16-90° - 1/2" |
| 16 | 5/8" | 3/4" | 38,1 | 12,6 | 86 | 52 | 47 | SFL 16-90° - 3/4" |
| 19 | 3/4" | 1/2" | 30,2 | 13,5 | 99 | 60 | 60 | SFL 20-90° - 1/2" |
| 19 | 3/4" | 3/4" | 38,1 | 14,8 | 99 | 60 | 60 | SFL 20-90° - 3/4" |
| 19 | 3/4" | 1" | 44,5 | 14,8 | 102 | 63 | 61 | SFL 20-90° - 1" |
| 25 | 1" | 3/4" | 38,1 | 20 | 114 | 68 | 68 | SFL 25-90° - 3/4" |
| 25 | 1" | 1" | 44,5 | 21,1 | 114 | 68 | 68 | SFL 25-90° - 1" |
| 25 | 1" | 1.1/4" | 50,8 | 21,1 | 114 | 68 | 68 | SFL 25-90° - 1.1/4" |
| 31 | 1.1/4" | 1" | 44,5 | 26,5 | 148 | 94 | 82 | SFL 32-90° - 1" |
| 31 | 1.1/4" | 1.1/4" | 50,8 | 26,5 | 148 | 94 | 80 | SFL 32-90° - 1.1/4" |
| 31 | 1.1/4" | 1.1/2" | 60,3 | 26,5 | 148 | 94 | 82 | SFL 32-90° - 1.1/2" |
| 38 | 1.1/2" | 1.1/4" | 50,8 | 32,5 | 162 | 105 | 109 | SFL 40-90° - 1.1/4" |
| 38 | 1.1/2" | 1.1/2" | 60,3 | 32,8 | 162 | 105 | 108 | SFL 40-90° - 1.1/2" |
| 38 | 1.1/2" | 2" | 71,4 | 32,8 | 162 | 105 | 108 | SFL 40-90° - 2" |
| 51 | 2" | 1.1/2" | 60,3 | 34,5 | 196 | 121 | 118 | SFL 50-90° - 1.1/2" |
| 51 | 2" | 2" | 71,4 | 44,5 | 196 | 121 | 114 | SFL 50-90° - 2" |

5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

Držači prirubnica i dodaci SFL 3000 p.s.i. (HOLDERS FLANGE AND ACCESORY SFL 3000 p.s.i.)



| SAE size | Working pressure | Dimensions, mm | | | | | | | | Screws | "O" Ring | Marking |
|----------|------------------|----------------|------|------|------|----|----|------|--------|------------|----------|---------|
| inch | bar | A | G | B | C | D | E | F | | | | |
| 1/2" | 345 | 31 | 24,3 | 17,5 | 38,1 | 19 | 13 | 8,8 | M8x25 | 18,64x3,53 | 490-08 | |
| 3/4" | 345 | 38,9 | 32,1 | 22,2 | 47,6 | 22 | 14 | 10,8 | M10x30 | 24,99x3,53 | 490-12 | |
| 1" | 345 | 45,2 | 38,5 | 26,2 | 52,4 | 24 | 16 | 10,8 | M10x35 | 32,92x3,53 | 490-16 | |
| 1.1/4" | 276 | 51,6 | 43,7 | 30,2 | 58,7 | 22 | 16 | 12 | M10x35 | 37,69x3,53 | 490-20 | |
| 1.1/2" | 207 | 61,1 | 50,8 | 35,7 | 69,9 | 25 | 16 | 13,5 | M12x35 | 47,22x3,53 | 490-24 | |
| 2" | 207 | 72,2 | 62,7 | 42,9 | 77,8 | 26 | 16 | 13,5 | M12x35 | 56,74x3,53 | 490-32 | |



| SAE size | Working pressure | Dimensions, mm | | | | | | | | Screws | "O" Ring | Marking |
|----------|------------------|----------------|------|------|------|----|----|------|--------|------------|----------|---------|
| inch | bar | A | G | B | C | D | E | F | | | | |
| 1/2" | 345 | 31 | 24,3 | 8,7 | 38,1 | 19 | 13 | 8,8 | M8x25 | 18,64x3,53 | 480-08 | |
| 3/4" | 345 | 38,9 | 32,1 | 11,1 | 47,6 | 22 | 14 | 10,8 | M10x30 | 24,99x3,53 | 480-12 | |
| 1" | 345 | 45,2 | 38,5 | 13,1 | 52,4 | 24 | 16 | 10,8 | M10x35 | 32,92x3,53 | 480-16 | |
| 1.1/4" | 276 | 51,6 | 43,7 | 15,1 | 58,7 | 22 | 16 | 12 | M10x35 | 37,69x3,53 | 480-20 | |
| 1.1/2" | 207 | 61,1 | 50,8 | 17,9 | 69,9 | 25 | 16 | 13,5 | M12x35 | 47,22x3,53 | 480-24 | |
| 2" | 207 | 72,2 | 62,7 | 21,4 | 77,8 | 26 | 16 | 13,5 | M12x35 | 56,74x3,53 | 480-32 | |

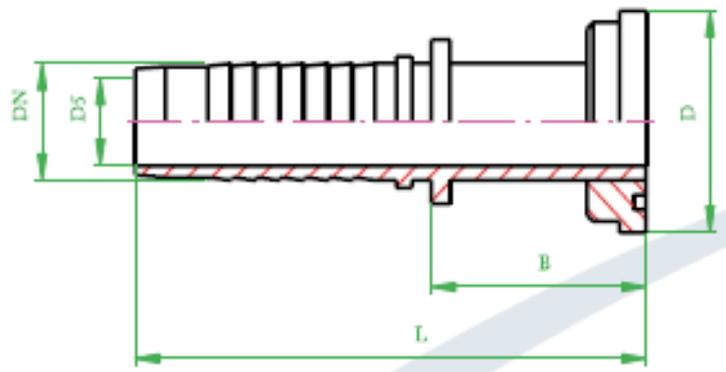


5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

SFS

Tip priključka: prirubnički spoj SAE J518 6000 p.s.i.

Type connection: flange SAE J518 6000 p.s.i.



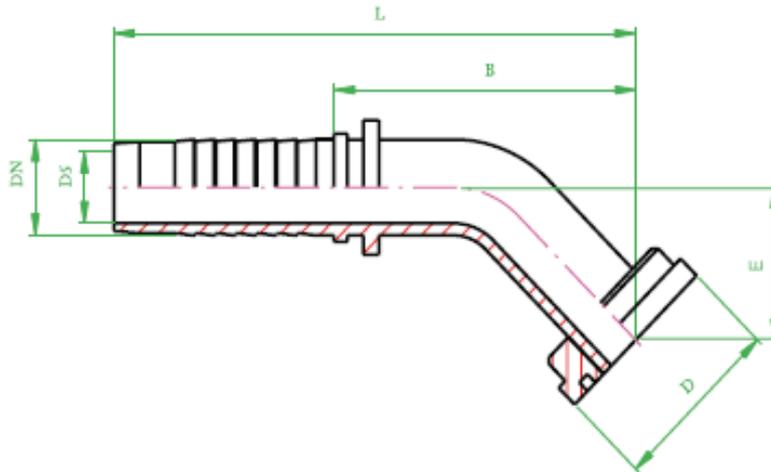
| Hose bore | | Flange | | Dimensions, mm | | | Marking |
|-----------|--------|--------|------|----------------|------|------|-----------------|
| DN | inch | inch | D | D5 | L ±3 | B ±3 | |
| 12 | 1/2" | 1/2" | 31,7 | 10 | 77 | 46 | SFS 12 - 1/2" |
| 12 | 1/2" | 3/4" | 41,3 | 10 | 78 | 47 | SFS 12 - 3/4" |
| 16 | 5/8" | 1/2" | 31,7 | 12,6 | 80 | 46 | SFS 16 - 1/2" |
| 16 | 5/8" | 3/4" | 41,3 | 12,6 | 78 | 44 | SFS 16 - 3/4" |
| 19 | 3/4" | 1/2" | 31,7 | 14 | 92 | 54 | SFS 20 - 1/2" |
| 19 | 3/4" | 3/4" | 41,3 | 14 | 91 | 53 | SFS 20 - 3/4" |
| 19 | 3/4" | 1" | 47,6 | 14,8 | 95 | 56 | SFS 20 - 1" |
| 25 | 1" | 3/4" | 41,3 | 20 | 101 | 55 | SFS 25 - 3/4" |
| 25 | 1" | 1" | 47,6 | 21,1 | 103 | 57 | SFS 25 - 1" |
| 25 | 1" | 1.1/4" | 54 | 21,1 | 98 | 52 | SFS 25 - 1.1/4" |
| 31 | 1.1/4" | 1" | 47,6 | 26,5 | 118 | 64 | SFS 32 - 1" |
| 31 | 1.1/4" | 1.1/4" | 54 | 26,5 | 114 | 60 | SFS 32 - 1.1/4" |
| 31 | 1.1/4" | 1.1/2" | 63,5 | 26,5 | 120 | 66 | SFS 32 - 1.1/2" |
| 38 | 1.1/2" | 1.1/4" | 54 | 32,5 | 122 | 68 | SFS 40 - 1.1/4" |
| 38 | 1.1/2" | 1.1/2" | 63,5 | 32,8 | 121 | 64 | SFS 40 - 1.1/2" |
| 38 | 1.1/2" | 2" | 79,4 | 32,8 | 132 | 75 | SFS 40 - 2" |
| 51 | 2" | 1.1/2" | 63,5 | 32,5 | 137 | 62 | SFS 50 - 1.1/2" |
| 51 | 2" | 2" | 79,4 | 44,5 | 151 | 76 | SFS 50 - 2" |

5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

SFS 45°

Tip priključka: prirubnički spoj SAE J518 6000 p.s.i.

Type connection: flange SAE J518 6000 p.s.i.



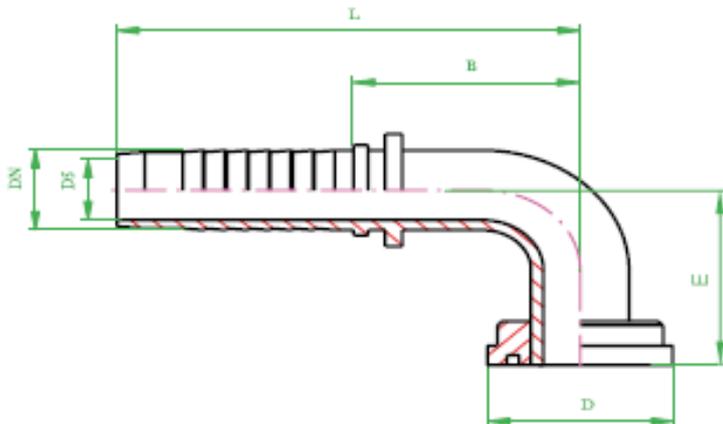
| Hose bore | | Flange | | Dimensions, mm | | | | Marking |
|-----------|--------|--------|------|----------------|------|------|------|---------------------|
| DN | inch | inch | D | D5 | L ±3 | B ±3 | E ±3 | |
| 12 | 1/2" | 1/2" | 31,7 | 10 | 80 | 49 | 24 | SFS 12-45° - 1/2" |
| 12 | 1/2" | 3/4" | 41,3 | 10 | 82 | 51 | 23 | SFS 12-45° - 3/4" |
| 16 | 5/8" | 1/2" | 31,7 | 12,6 | 96 | 62 | 29 | SFS 16-45° - 1/2" |
| 16 | 5/8" | 3/4" | 41,3 | 12,6 | 97 | 63 | 27 | SFS 16-45° - 3/4" |
| 19 | 3/4" | 1/2" | 31,7 | 14 | 115 | 76 | 32 | SFS 20-45° - 1/2" |
| 19 | 3/4" | 3/4" | 41,3 | 14,8 | 113 | 74 | 33 | SFS 20-45° - 3/4" |
| 19 | 3/4" | 1" | 47,6 | 14,8 | 115 | 76 | 32 | SFS 20-45° - 1" |
| 25 | 1" | 3/4" | 41,3 | 20 | 121 | 75 | 34 | SFS 25-45° - 3/4" |
| 25 | 1" | 1" | 47,6 | 21,1 | 129 | 83 | 36 | SFS 25-45° - 1" |
| 25 | 1" | 1.1/4" | 54 | 21,1 | 130 | 84 | 35 | SFS 25-45° - 1.1/4" |
| 31 | 1.1/4" | 1" | 47,6 | 26,5 | 160 | 106 | 50 | SFS 32-45° - 1" |
| 31 | 1.1/4" | 1.1/4" | 54 | 26,5 | 156 | 102 | 47 | SFS 32-45° - 1.1/4" |
| 31 | 1.1/4" | 1.1/2" | 63,5 | 26,5 | 157 | 103 | 49 | SFS 32-45° - 1.1/2" |
| 38 | 1.1/2" | 1.1/4" | 54 | 32,5 | 161 | 104 | 47 | SFS 40-45° - 1.1/4" |
| 38 | 1.1/2" | 1.1/2" | 63,5 | 32,8 | 169 | 112 | 53 | SFS 40-45° - 1.1/2" |
| 38 | 1.1/2" | 2" | 79,4 | 32,8 | 172 | 115 | 54 | SFS 40-45° - 2" |
| 51 | 2" | 1.1/2" | 63,5 | 32,5 | 187 | 112 | 53 | SFS 50-45° - 1.1/2" |
| 51 | 2" | 2" | 79,4 | 44,5 | 214 | 139 | 62 | SFS 50-45° - 2" |

5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

SFS 90°

Tip priključka: prirubnički spoj SAE J518 6000 p.s.i.

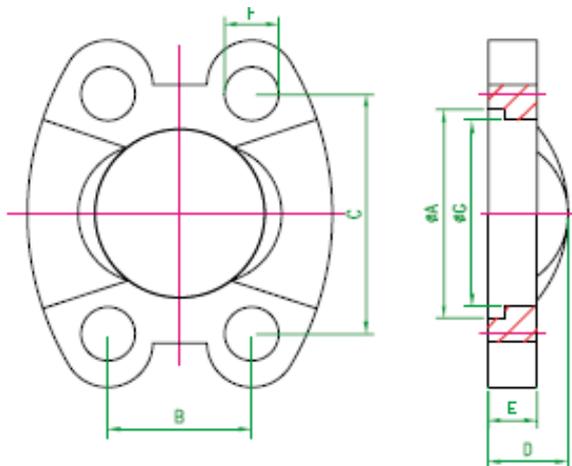
Type connection: flange SAE J518 6000 p.s.i.



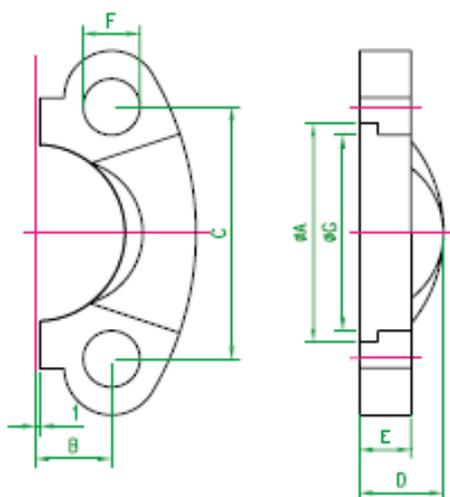
| Hose bore | | Flange | | Dimensions, mm | | | | Marking |
|-----------|--------|--------|------|----------------|------|------|------|---------------------|
| DN | inch | inch | D | D5 | L ±3 | B ±3 | E ±3 | |
| 12 | 1/2" | 1/2" | 31,7 | 10 | 73 | 42 | 39 | SFS 12-90° - 1/2" |
| 12 | 1/2" | 3/4" | 41,3 | 10 | 73 | 42 | 39 | SFS 12-90° - 3/4" |
| 16 | 5/8" | 1/2" | 31,7 | 12,6 | 90 | 56 | 50 | SFS 16-90° - 1/2" |
| 16 | 5/8" | 3/4" | 41,3 | 12,6 | 86 | 52 | 52 | SFS 16-90° - 3/4" |
| 19 | 3/4" | 1/2" | 31,7 | 14 | 99 | 60 | 62 | SFS 20-90° - 1/2" |
| 19 | 3/4" | 3/4" | 41,3 | 14,8 | 99 | 60 | 62 | SFS 20-90° - 3/4" |
| 19 | 3/4" | 1" | 47,6 | 14,8 | 99 | 60 | 65 | SFS 20-90° - 1" |
| 25 | 1" | 3/4" | 41,3 | 20 | 114 | 68 | 72 | SFS 25-90° - 3/4" |
| 25 | 1" | 1" | 47,6 | 21,1 | 114 | 68 | 73 | SFS 25-90° - 1" |
| 25 | 1" | 1.1/4" | 54 | 21,1 | 114 | 68 | 71 | SFS 25-90° - 1.1/4" |
| 31 | 1.1/4" | 1" | 47,6 | 26,5 | 148 | 94 | 86 | SFS 32-90° - 1" |
| 31 | 1.1/4" | 1.1/4" | 54 | 26,5 | 148 | 94 | 82 | SFS 32-90° - 1.1/4" |
| 31 | 1.1/4" | 1.1/2" | 63,5 | 26,5 | 148 | 94 | 88 | SFS 32-90° - 1.1/2" |
| 38 | 1.1/2" | 1.1/4" | 54 | 32,5 | 162 | 105 | 104 | SFS 40-90° - 1.1/4" |
| 38 | 1.1/2" | 1.1/2" | 63,5 | 32,8 | 162 | 105 | 104 | SFS 40-90° - 1.1/2" |
| 38 | 1.1/2" | 2" | 79,4 | 32,8 | 162 | 105 | 104 | SFS 40-90° - 2" |
| 51 | 2" | 1.1/2" | 63,5 | 32,5 | 196 | 121 | 124 | SFS 50-90° - 1.1/2" |
| 51 | 2" | 2" | 79,4 | 44,5 | 196 | 121 | 124 | SFS 50-90° - 2" |

5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

Držači prirubnica i dodaci SFL 6000 p.s.i. (HOLDERS FLANGE AND ACCESORY SFL 6000 p.s.i.)



| SAE size | Working pressure | Dimensions, mm | | | | | | | Screws | "O" Ring | Marking |
|----------|------------------|----------------|------|------|------|----|----|-----|--------|------------|---------|
| inch | bar | A | G | B | C | D | E | F | | | |
| 1/2" | 420 | 32,5 | 24,6 | 18,2 | 40,5 | 22 | 16 | 8,8 | M8x25 | 18,64x3,53 | 481-08 |
| 3/4" | 420 | 42,1 | 32,5 | 23,8 | 50,8 | 28 | 19 | 11 | M10x30 | 24,99x3,53 | 481-12 |
| 1" | 420 | 48,4 | 38,9 | 27,8 | 57,2 | 33 | 24 | 13 | M10x35 | 32,92x3,53 | 481-16 |
| 1.1/4" | 420 | 54,8 | 44,5 | 31,8 | 66,7 | 38 | 27 | 15 | M10x35 | 37,69x3,53 | 481-20 |
| 1.1/2" | 420 | 64,3 | 51,6 | 36,5 | 79,4 | 43 | 30 | 17 | M12x35 | 47,22x3,53 | 481-24 |
| 2" | 420 | 80,2 | 67,6 | 44,5 | 96,8 | 52 | 37 | 21 | M12x35 | 56,74x3,53 | 481-32 |



| SAE size | Working pressure | Dimensions, mm | | | | | | | Screws | "O" Ring | Marking |
|----------|------------------|----------------|------|------|------|----|----|-----|--------|------------|---------|
| inch | bar | A | G | B | C | D | E | F | | | |
| 1/2" | 420 | 32,5 | 24,6 | 9,2 | 40,5 | 22 | 16 | 8,8 | M8x25 | 18,64x3,53 | 491-08 |
| 3/4" | 420 | 42,1 | 32,5 | 11,9 | 50,8 | 28 | 19 | 11 | M10x30 | 24,99x3,53 | 491-12 |
| 1" | 420 | 48,4 | 38,9 | 13,9 | 57,2 | 33 | 24 | 13 | M10x35 | 32,92x3,53 | 491-16 |
| 1.1/4" | 420 | 54,8 | 44,5 | 15,9 | 66,7 | 38 | 27 | 15 | M10x35 | 37,69x3,53 | 491-20 |
| 1.1/2" | 420 | 64,3 | 51,6 | 18,3 | 79,4 | 43 | 30 | 17 | M12x35 | 47,22x3,53 | 491-24 |
| 2" | 420 | 80,2 | 67,6 | 22,2 | 96,8 | 52 | 37 | 21 | M12x35 | 56,74x3,53 | 491-32 |

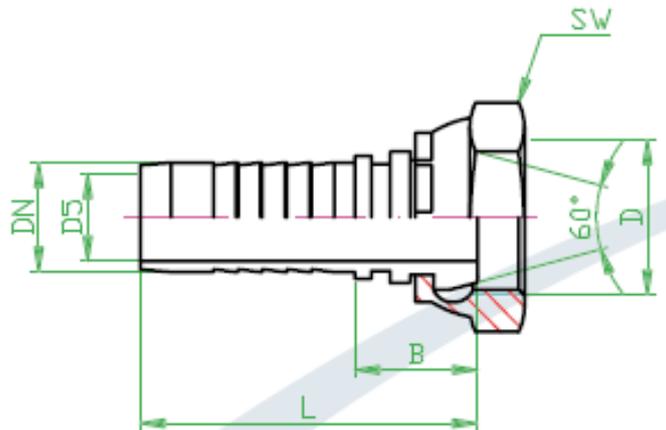


5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

DKR

Tip priključka: konus 60°, BSP navoj

Type connection: cone 60°, BSP thread



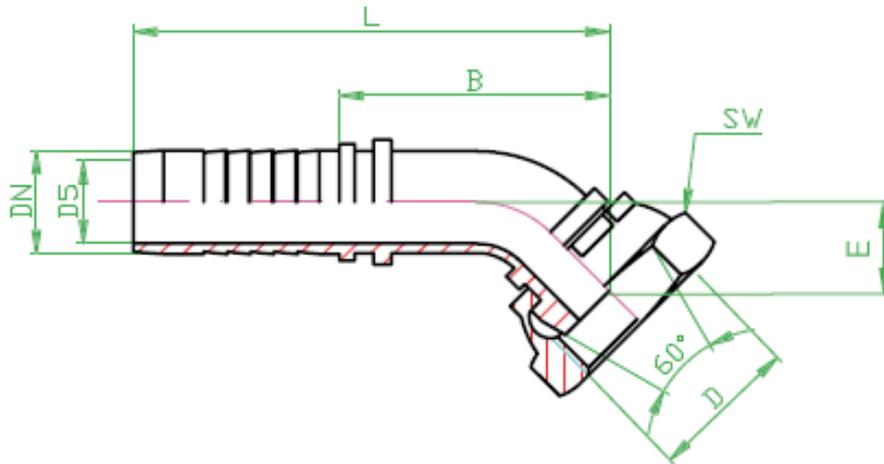
| Hose bore | | Thread | Dimensions, mm | | | | Marking |
|-----------|--------|--------|----------------|-------|------|----|-----------------|
| DN | inch | D | D5 | L ±3 | B ±3 | SW | |
| 6 | 1/4" | 1/4" | 4 | 49 | 16,7 | 19 | DKR 06 - 1/4" |
| 6 | 1/4" | 3/8" | 4 | 52 | 18,7 | 22 | DKR 06 - 3/8" |
| 8 | 5/16" | 3/8" | 5,5 | 54,5 | 20 | 22 | DKR 08 - 3/8" |
| 10 | 3/8" | 3/8" | 7 | 54,5 | 20 | 22 | DKR 10 - 3/8" |
| 10 | 3/8" | 1/2" | 7 | 56,5 | 22 | 27 | DKR 10 - 1/2" |
| 12 | 1/2" | 1/2" | 10 | 58,5 | 22,5 | 27 | DKR 12 - 1/2" |
| 16 | 5/8" | 5/8" | 12,5 | 63,5 | 24 | 30 | DKR 16 - 5/8" |
| 16 | 5/8" | 3/4" | 12,5 | 64,5 | 24 | 32 | DKR 16 - 3/4" |
| 19 | 3/4" | 3/4" | 15,5 | 72 | 25,5 | 32 | DKR 20 - 3/4" |
| 19 | 3/4" | 1" | 15,5 | 75 | 26 | 41 | DKR 20 - 1" |
| 25 | 1" | 1" | 20 | 89 | 26,5 | 41 | DKR 25 - 1" |
| 25 | 1" | 1.1/4" | 20 | 96,5 | 32,5 | 50 | DKR 25 - 1.1/4" |
| 31 | 1.1/4" | 1.1/4" | 26 | 102,5 | 33 | 50 | DKR 32 - 1.1/4" |
| 31 | 1.1/4" | 1.1/2" | 26 | 106 | 35 | 55 | DKR 32 - 1.1/2" |
| 38 | 1.1/2" | 1.1/2" | 32 | 116 | 35 | 55 | DKR 40 - 1.1/2" |
| 38 | 1.1/2" | 2" | 32 | 117 | 31 | 70 | DKR 40 - 2" |
| 51 | 2" | 2" | 44 | 121,5 | 31 | 70 | DKR 50 - 2" |

5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

DKR 45°

Tip priključka: konus 60°, BSP navoj

Type connection: cone 60°, BSP thread



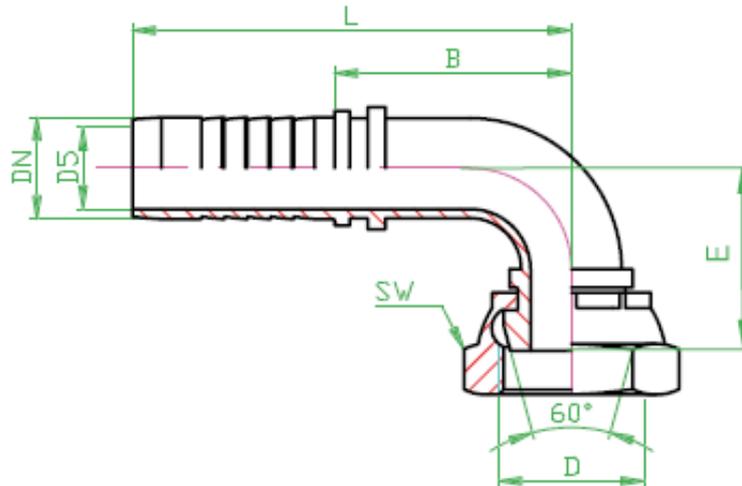
| Hose bore | | Thread | | Dimensions, mm | | | | Marking |
|-----------|--------|--------|------|----------------|-------|------|----|---------------------|
| DN | inch | D | D5 | L ±3 | B ±3 | E ±3 | SW | |
| 6 | 1/4" | 1/4" | 4 | 65 | 37,5 | 14,5 | 19 | DKR 06-45° - 1/4" |
| 6 | 1/4" | 3/8" | 4 | 67 | 39,5 | 17 | 22 | DKR 06-45° - 3/8" |
| 8 | 5/16" | 3/8" | 5,5 | 72,5 | 44 | 17 | 22 | DKR 08-45° - 3/8" |
| 10 | 3/8" | 3/8" | 7 | 78,5 | 50 | 19 | 22 | DKR 10-45° - 3/8" |
| 10 | 3/8" | 1/2" | 7 | 80,5 | 52 | 20,5 | 27 | DKR 10-45° - 1/2" |
| 12 | 1/2" | 1/2" | 10 | 92 | 62 | 21,5 | 27 | DKR 12-45° - 1/2" |
| 16 | 5/8" | 5/8" | 12,5 | 105,5 | 72,5 | 25,5 | 30 | DKR 16-45° - 5/8" |
| 16 | 5/8" | 3/4" | 12,5 | 105,5 | 72,5 | 25,5 | 32 | DKR 16-45° - 3/4" |
| 19 | 3/4" | 3/4" | 15,5 | 103 | 64 | 28 | 32 | DKR 20-45° - 3/4" |
| 19 | 3/4" | 1" | 15,5 | 104,5 | 65,5 | 30 | 41 | DKR 20-45° - 1" |
| 25 | 1" | 1" | 20 | 137,5 | 85 | 33 | 41 | DKR 25-45° - 1" |
| 25 | 1" | 1.1/4" | 20 | 143 | 90,5 | 39 | 50 | DKR 25-45° - 1.1/4" |
| 31 | 1.1/4" | 1.1/4" | 26 | 159,5 | 99,5 | 42 | 50 | DKR 32-45° - 1.1/4" |
| 38 | 1.1/2" | 1.1/2" | 32 | 182 | 112 | 48 | 55 | DKR 40-45° - 1.1/2" |
| 51 | 2" | 2" | 44 | 207 | 132,5 | 52,5 | 70 | DKR 50-45° - 2" |

5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

DKR 90°

Tip priključka: konus 60°, BSP navoj

Type connection: cone 60°, BSP thread



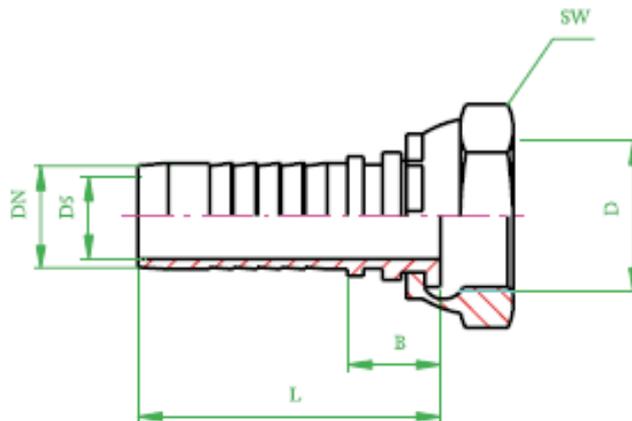
| Hose bore | | Thread | Dimensions, mm | | | | | Marking |
|-----------|--------|--------|----------------|-------|------|-------|----|---------------------|
| DN | inch | D | D5 | L ±3 | B ±3 | E ±3 | SW | |
| 6 | 1/4" | 1/4" | 4 | 50,5 | 23 | 28 | 19 | DKR 06-90° - 1/4" |
| 6 | 1/4" | 3/8" | 4 | 50,5 | 23 | 31 | 22 | DKR 06-90° - 3/8" |
| 8 | 5/16" | 3/8" | 5,5 | 54,5 | 26 | 32,5 | 22 | DKR 08-90° - 3/8" |
| 10 | 3/8" | 3/8" | 7 | 59 | 30,5 | 37 | 22 | DKR 10-90° - 3/8" |
| 10 | 3/8" | 1/2" | 7 | 59 | 30,5 | 39,5 | 27 | DKR 10-90° - 1/2" |
| 12 | 1/2" | 1/2" | 10 | 68 | 38 | 43,5 | 27 | DKR 12-90° - 1/2" |
| 16 | 5/8" | 5/8" | 12,5 | 77,5 | 44,5 | 51,5 | 30 | DKR 16-90° - 5/8" |
| 16 | 5/8" | 3/4" | 12,5 | 77,5 | 44,5 | 51,5 | 32 | DKR 16-90° - 3/4" |
| 19 | 3/4" | 3/4" | 15,5 | 93 | 54 | 58 | 32 | DKR 20-90° - 3/4" |
| 19 | 3/4" | 1" | 15,5 | 93 | 54 | 60,5 | 41 | DKR 20-90° - 1" |
| 25 | 1" | 1" | 20 | 126,5 | 74 | 70,5 | 41 | DKR 25-90° - 1" |
| 25 | 1" | 1.1/4" | 20 | 126,5 | 74 | 78,5 | 50 | DKR 25-90° - 1.1/4" |
| 31 | 1.1/4" | 1.1/4" | 26 | 140 | 80 | 88,5 | 50 | DKR 32-90° - 1.1/4" |
| 31 | 1.1/4" | 1.1/2" | 26 | 140 | 80 | 91,5 | 55 | DKR 32-90° - 1.1/2" |
| 38 | 1.1/2" | 1.1/2" | 32 | 140 | 93 | 103,5 | 55 | DKR 40-90° - 1.1/2" |
| 51 | 2" | 2" | 44 | 203,5 | 129 | 124 | 70 | DKR 50-90° - 2" |

5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

DKR-FLD

Tip priključka: ravna nosiva površina, BSP navoj

Type connection: straight flat sealing, BSP thread



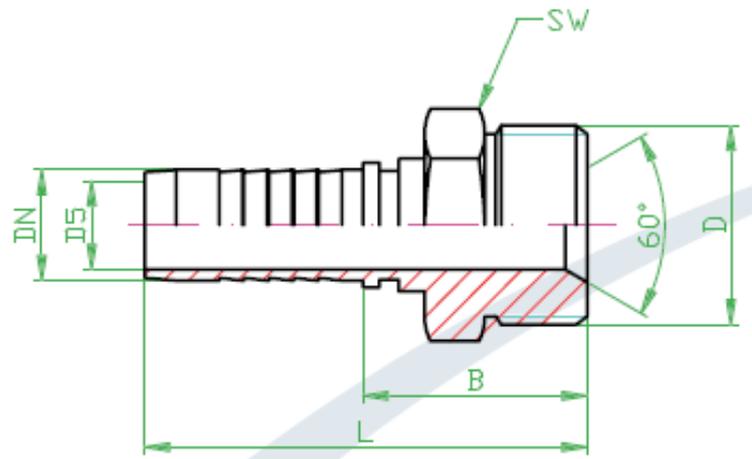
| Hose bore | | Thread | Dimensions, mm | | | Marking | |
|-----------|--------|--------|----------------|------------|------|---------|---------------------|
| DN | inch | D | D5 | L ±3 | B ±3 | SW | |
| 6 | 1/4" | 1/4" | 4 | On request | | 17 | DKR-FLD 06 - 1/4" |
| 8 | 5/16" | 3/8" | 5,5 | On request | | 22 | DKR-FLD 08 - 3/8" |
| 10 | 3/8" | 3/8" | 7 | On request | | 22 | DKR-FLD 10 - 3/8" |
| 12 | 1/2" | 1/2" | 10 | On request | | 27 | DKR-FLD 12 - 1/2" |
| 16 | 5/8" | 5/8" | 12,5 | On request | | 30 | DKR-FLD 16 - 5/8" |
| 19 | 3/4" | 3/4" | 15,5 | On request | | 32 | DKR-FLD 20 - 3/4" |
| 25 | 1" | 1" | 20 | On request | | 38 | DKR-FLD 25 - 1" |
| 31 | 1.1/4" | 1.1/4" | 26 | On request | | 50 | DKR-FLD 31 - 1.1/4" |

5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

AGR

Tip priključka: konus 60°, BSP navoj

Type connection: cone 60°, BSP thread



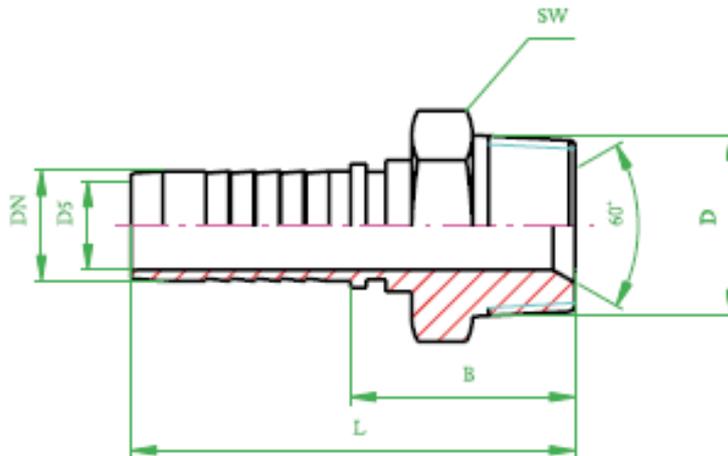
| Hose bore | | Thread | Dimensions, mm | | | | Marking |
|-----------|--------|--------|----------------|-------|------|----|-----------------|
| DN | inch | D | D5 | L ±3 | B ±3 | SW | |
| 6 | 1/4" | 1/4" | 4 | 53 | 25,7 | 19 | AGR 06 - 1/4" |
| 6 | 1/4" | 3/8" | 4 | 54,5 | 27,2 | 22 | AGR 06 - 3/8" |
| 8 | 5/16" | 3/8" | 5,5 | 56,5 | 28 | 22 | AGR 08 - 3/8" |
| 10 | 3/8" | 3/8" | 7 | 56,5 | 28 | 22 | AGR 10 - 3/8" |
| 10 | 3/8" | 1/2" | 7 | 59,5 | 31 | 27 | AGR 10 - 1/2" |
| 12 | 1/2" | 3/8" | 10 | 58 | 28 | 22 | AGR 12 - 3/8" |
| 12 | 1/2" | 1/2" | 10 | 61,5 | 31,5 | 27 | AGR 12 - 1/2" |
| 16 | 5/8" | 5/8" | 12,5 | 66,5 | 33,5 | 30 | AGR 16 - 5/8" |
| 16 | 5/8" | 3/4" | 12,5 | 67,5 | 34,5 | 32 | AGR 16 - 3/4" |
| 19 | 3/4" | 3/4" | 15,5 | 74,5 | 35,5 | 32 | AGR 20 - 3/4" |
| 19 | 3/4" | 1" | 15,5 | 78,5 | 39,5 | 41 | AGR 20 - 1" |
| 25 | 1" | 1" | 20 | 92,5 | 40 | 41 | AGR 25 - 1" |
| 25 | 1" | 1.1/4" | 20 | 96,5 | 44 | 50 | AGR 25 - 1.1/4" |
| 31 | 1.1/4" | 1.1/4" | 26 | 105,5 | 45,5 | 50 | AGR 32 - 1.1/4" |
| 31 | 1.1/4" | 1.1/2" | 26 | 107,5 | 47,5 | 55 | AGR 32 - 1.1/2" |
| 38 | 1.1/2" | 1.1/2" | 32 | 117,5 | 47,5 | 55 | AGR 40 - 1.1/2" |
| 51 | 2" | 2" | 44 | 126,5 | 52 | 70 | AGR 50 - 2" |

5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

AGN

Tip priključka: NPT konusni navoj

Type connection: taper NPT



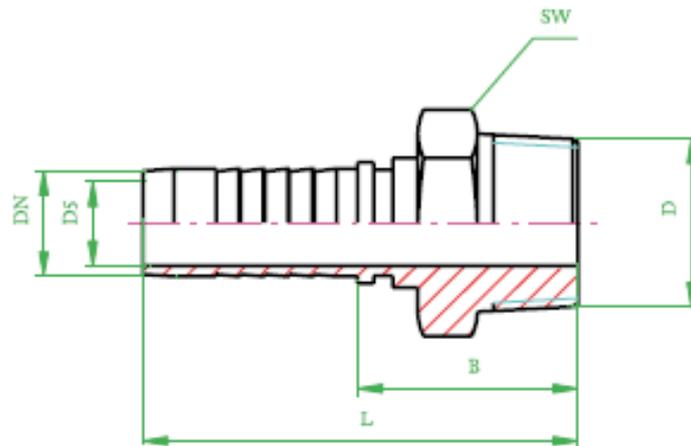
| Hose bore | | Thread | Dimensions, mm | | | | Marking |
|-----------|--------|-----------------|----------------|-------|------|----|-----------------|
| DN | inch | D | D5 | L ±3 | B ±3 | SW | |
| 6 | 1/4" | 1/8"-27 NPT | 4 | 48,8 | 21,5 | 12 | AGN 06 - 1/8" |
| 6 | 1/4" | 1/4"-18 NPT | 4 | 53,8 | 26,5 | 14 | AGN 06 - 1/4" |
| 6 | 1/4" | 3/8"-18 NPT | 4 | 54,8 | 27,5 | 19 | AGN 06 - 3/8" |
| 8 | 5/16" | 1/4"-18 NPT | On request | | | | AGN 08 - 1/4" |
| 8 | 5/16" | 3/8"-18 NPT | On request | | | | AGN 08 - 3/8" |
| 10 | 5/16" | 1/4"-18 NPT | On request | | | | AGN 10 - 1/4" |
| 10 | 3/8" | 1/4"-18 NPT | 7 | 56,5 | 28 | 19 | AGN 10 - 1/4" |
| 10 | 3/8" | 1/2"-14 NPT | 7 | 62,5 | 34 | 22 | AGN 10 - 1/2" |
| 12 | 3/8" | 3/8"-18 NPT | 10 | 58,5 | 28,5 | 19 | AGN 12 - 3/8" |
| 12 | 1/2" | 1/2"-14 NPT | 10 | 64,5 | 34,5 | 22 | AGN 12 - 1/2" |
| 16 | 1/2" | 1/2"-14 NPT | 12,5 | 67,5 | 34,5 | 22 | AGN 16 - 1/2" |
| 16 | 5/8" | 3/4"-14 NPT | 12,5 | 69,5 | 36,5 | 27 | AGN 16 - 3/4" |
| 19 | 3/4" | 3/4"-14 NPT | 15,5 | 76,5 | 37,5 | 27 | AGN 20 - 3/4" |
| 19 | 3/4" | 1"-14 NPT | On request | | | | AGN 20 - 1" |
| 25 | 1" | 1"-11,5 NPT | 20 | 96 | 43,5 | 36 | AGN 25 - 1" |
| 31 | 1" | 1"-11,5 NPT | On request | | | | AGN 32 - 1" |
| 31 | 1.1/4" | 1.1/4"-11,5 NPT | 26 | 106,5 | 46,5 | 46 | AGN 32 - 1.1/4" |
| 38 | 1.1/2" | 1.1/2"-11,5 NPT | 32 | 120 | 50 | 50 | AGN 40 - 1.1/2" |
| 51 | 1.1/2" | 2"-11,5 NPT | 44 | 129 | 54,5 | 65 | AGN 50 - 1.1/2" |

5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

AGR-K

Tip priključka: NPT konusni navoj

Type connection: taper NPT



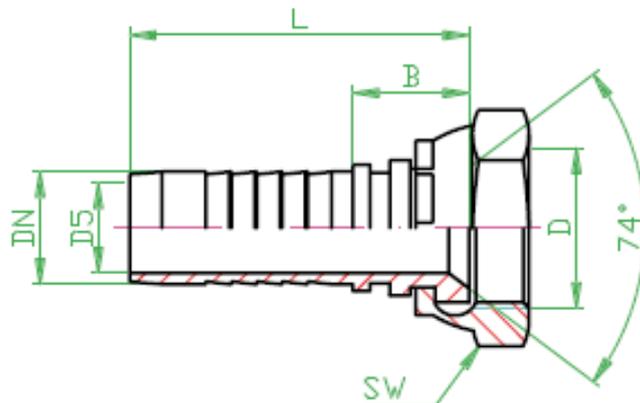
| Hose bore | | Thread | Dimensions, mm | | | | Marking |
|-----------|--------|--------|----------------|------|------|----|-------------------|
| DN | inch | D | D5 | L ±3 | B ±3 | SW | |
| 6 | 1/4" | 1/4" | 4 | 50 | 23 | 17 | AGR-K 06 - 1/4" |
| 6 | 1/4" | 3/8" | 4 | 54,3 | 27 | 22 | AGR-K 06 - 3/8" |
| 8 | 5/16" | 3/8" | 6 | 52 | 25 | 22 | AGR-K 08 - 3/8" |
| 10 | 3/8" | 3/8" | 7 | 54 | 24 | 22 | AGR-K 10 - 3/8" |
| 10 | 3/8" | 1/2" | 7 | 60 | 31,5 | 27 | AGR-K 10 - 1/2" |
| 10 | 3/8" | 1/4" | 7 | 66 | 36 | 17 | AGR-K 10 - 1/4" |
| 12 | 1/2" | 1/2" | 10 | 61 | 30 | 27 | AGR-K 12 - 1/2" |
| 16 | 5/8" | 5/8" | 13 | 61 | 29 | 30 | AGR-K 16 - 5/8" |
| 19 | 3/4" | 3/4" | 15 | 69 | 30 | 32 | AGR-K 20 - 3/4" |
| 25 | 1" | 1" | 21 | 78 | 32 | 38 | AGR-K 25 - 1" |
| 31 | 1.1/4" | 1.1/4" | 27 | 91 | 37 | 50 | AGR-K 32 - 1.1/4" |
| 38 | 1.1/2" | 1.1/2" | 32 | 119 | 49 | 50 | AGR-K 40 - 1.1/2" |
| 51 | 2" | 2" | 44 | 128 | 53,5 | 65 | AGR-K 51 - 2" |

5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

DKJ

Tip priključka: konus JIC-37°, UNF navoj

Type connection: cone 37°, UNF thread



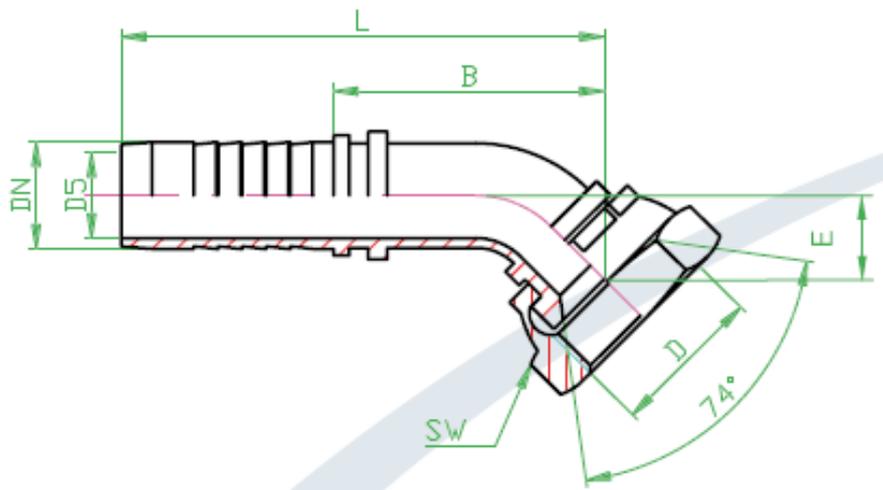
| Hose bore | | Thread | Dimensions, mm | | | | Marking |
|-----------|--------|---------------|----------------|-------|------|----|-------------------|
| DN | inch | D | D5 | L ±3 | B ±3 | SW | |
| 6 | 1/4" | 7/16"-20UNF | 4 | 49,5 | 14,7 | 14 | DKJ 06 - 7/16" |
| 6 | 1/4" | 1/2"-20UNF | 4 | 52,5 | 16,7 | 17 | DKJ 06 - 1/2" |
| 6 | 1/4" | 9/16"-18UNF | 4 | 53,5 | 16,7 | 17 | DKJ 06 - 9/16" |
| 8 | 5/16" | 1/2"-20UNF | 5,5 | 53,7 | 15 | 17 | DKJ 08 - 1/2" |
| 8 | 5/16" | 9/16"-18UNF | 5,5 | 56 | 18 | 17 | DKJ 08 - 9/16" |
| 10 | 3/8" | 9/16"-18UNF | 7 | 56 | 18 | 17 | DKJ 10 - 9/16" |
| 10 | 3/8" | 3/4"-16UNF | 7 | 60 | 20 | 22 | DKJ 10 - 3/4" |
| 10 | 3/8" | 7/8"-14UNF | 7 | 62 | 19,5 | 27 | DKJ 10 - 7/8" |
| 12 | 1/2" | 3/4"-16UNF | 10 | 62,5 | 21 | 22 | DKJ 12 - 3/4" |
| 12 | 1/2" | 7/8"-14UNF | 10 | 64,5 | 20,5 | 27 | DKJ 12 - 7/8" |
| 12 | 1/2" | 1.1/16"-12UNF | 10 | 66 | 21,5 | 32 | DKJ 12 - 1. 1/16" |
| 16 | 5/8" | 7/8"-14UNF | 12,5 | 67,5 | 20,5 | 27 | DKJ 16 - 7/8" |
| 16 | 5/8" | 1.1/16"-12UNF | 12,5 | 69,5 | 22 | 32 | DKJ 16 - 1. 1/16" |
| 19 | 3/4" | 1.1/16"-12UNF | 15,5 | 77 | 23,5 | 32 | DKJ 20 - 1. 1/16" |
| 19 | 3/4" | 1.5/16"-12UNF | 15,5 | 78 | 24,5 | 38 | DKJ 20 - 1. 5/16" |
| 25 | 1" | 1.5/16"-12UNF | 20 | 92 | 25 | 38 | DKJ 25 - 1. 5/16" |
| 31 | 1.1/4" | 1.5/8"-12UNF | 26 | 105,5 | 29 | 46 | DKJ 32 - 1.5/8" |
| 38 | 1.1/2" | 1.7/8"-12UNF | 32 | 117,5 | 9,5 | 50 | DKJ 40 - 1.7/8" |
| 51 | 2" | 2.1/2"-12UNF | 44 | 134 | 35,5 | 75 | DKJ 50 - 2.1/2" |

5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

DKJ 45°

Tip priključka: konus JIC-37°, UNF navoj

Type connection: cone 37°, UNF thread



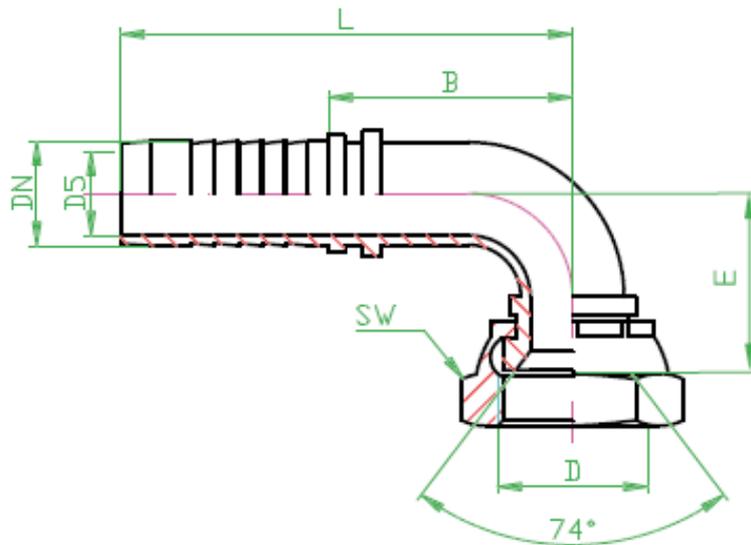
| Hose bore | | Thread | Dimensions, mm | | | | | Marking |
|-----------|--------|---------------|----------------|-------|------|------|----|-----------------------|
| DN | inch | D | D5 | L ±3 | B ±3 | E ±3 | SW | |
| 6 | 1/4" | 7/16"-20UNF | 4 | 63,5 | 36 | 13,5 | 14 | DKJ 06-45° - 7/16" |
| 6 | 1/4" | 1/2"-20UNF | 4 | 65,5 | 38 | 15 | 17 | DKJ 06-45° - 1/2" |
| 6 | 1/4" | 9/16"-18UNF | 4 | 65,5 | 38 | 15 | 17 | DKJ 06-45° - 9/16" |
| 8 | 5/16" | 1/2"-20UNF | 5,5 | 65,5 | 37 | 17 | | DKJ 8-45° - 1/2" |
| 8 | 5/16" | 9/16"-18UNF | 5,5 | 71 | 42,5 | 15,5 | 17 | DKJ 8-45° - 9/16" |
| 10 | 3/8" | 9/16"-18UNF | 7 | 77,5 | 49 | 17,5 | 17 | DKJ 10-45° - 9/16" |
| 10 | 3/8" | 3/4"-16UNF | 7 | 79,5 | 51 | 19,5 | 22 | DKJ 10-45° - 3/4" |
| 10 | 3/8" | 7/8"-14UNF | 7 | 79 | 50,5 | 27 | | DKJ 10-45° - 7/8" |
| 12 | 1/2" | 3/4"-16UNF | 10 | 90,5 | 60,5 | 20,5 | 22 | DKJ 12-45° - 3/4" |
| 12 | 1/2" | 7/8"-14UNF | 10 | 90,5 | 60,5 | 20 | 27 | DKJ 12-45° - 7/8" |
| 16 | 5/8" | 7/8"-14UNF | 12,5 | 103 | 70 | 23 | 27 | DKJ 16-45° - 7/8" |
| 16 | 5/8" | 1.1/16"-12UNF | 12,5 | 104 | 71 | 24 | 32 | DKJ 16-45° - 1. 1/16" |
| 19 | 3/4" | 1.1/16"-12UNF | 15,5 | 101,5 | 62,5 | 26,5 | 32 | DKJ 20-45° - 1. 1/16" |
| 19 | 3/4" | 1.5/16"-12UNF | 15,5 | 103,5 | 64,5 | 38 | | DKJ 20-45° - 1. 5/16" |
| 25 | 1" | 1.5/16"-12UNF | 20 | 137 | 84,5 | 32 | 38 | DKJ 25-45° - 1. 5/16" |
| 31 | 1.1/4" | 1.5/8"-12UNF | 26 | 157 | 97 | 39,5 | 46 | DKJ 32-45° - 1. 5/8" |
| 38 | 1.1/2" | 1.7/8"-12UNF | 32 | 180 | 110 | 44,5 | 50 | DKJ 40-45° - 1. 7/8" |

5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

DKJ 90°

Tip priključka: konus JIC-37°, UNF navoj

Type connection: cone 37°, UNF thread



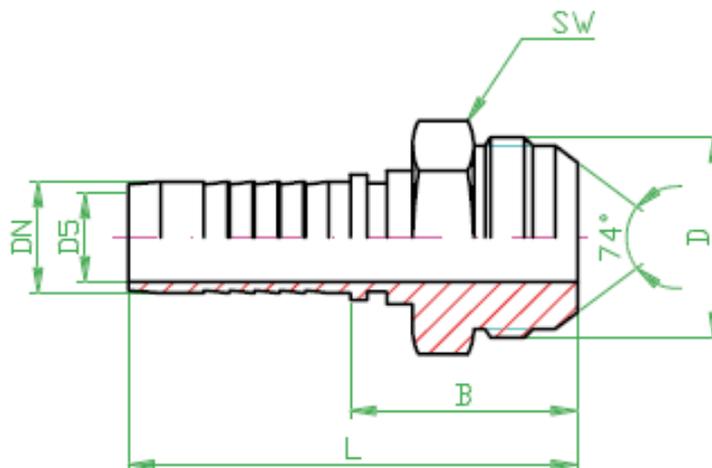
| Hose bore | | Thread | Dimensions, mm | | | | | Marking |
|-----------|--------|---------------|----------------|------|------|------|----|-----------------------|
| DN | inch | D | D5 | L ±3 | B ±3 | E ±3 | SW | |
| 6 | 1/4" | 7/16"-20UNF | 4 | 50,5 | 23 | 26 | 14 | DKJ 06-90° - 7/16" |
| 6 | 1/4" | 1/2"-20UNF | 4 | 50,5 | 23 | 28,5 | 17 | DKJ 06-90° - 1/2" |
| 6 | 1/4" | 9/16"-18UNF | 4 | 50,5 | 23 | 28,5 | 17 | DKJ 06-90° - 9/16" |
| 8 | 5/16" | 1/2"-20UNF | 5,5 | 50,5 | 29 | | 17 | DKJ 8-90° - 1/2" |
| 8 | 5/16" | 9/16"-18UNF | 5,5 | 54,5 | 26 | 30,5 | 17 | DKJ 8-90° - 9/16" |
| 10 | 3/8" | 9/16"-18UNF | 7 | 59 | 30,5 | 35 | 17 | DKJ 10-90° - 9/16" |
| 10 | 3/8" | 3/4"-16UNF | 7 | 59 | 30,5 | 38 | 22 | DKJ 10-90° - 3/4" |
| 10 | 3/8" | 7/8"-14UNF | 7 | 59 | 30,5 | 37,5 | 27 | DKJ 10-90° - 7/8" |
| 12 | 1/2" | 3/4"-16UNF | 10 | 68 | 38 | 42 | 22 | DKJ 12-90° - 3/4" |
| 12 | 1/2" | 7/8"-14UNF | 10 | 68 | 38 | 41,5 | 27 | DKJ 12-90° - 7/8" |
| 16 | 5/8" | 7/8"-14UNF | 12,5 | 77,5 | 44,5 | 48 | 27 | DKJ 16-90° - 7/8" |
| 16 | 5/8" | 1.1/16"-12UNF | 12,5 | 77,5 | 44,5 | 49,5 | 32 | DKJ 16-90° - 1. 1/16" |
| 19 | 3/4" | 1.1/16"-12UNF | 15,5 | 93 | 54 | 56 | 32 | DKJ 20-90° - 1. 1/16" |
| 19 | 3/4" | 1.5/16"-12UNF | 15,5 | 93 | 54 | 59 | 38 | DKJ 20-90° - 1. 5/16" |
| 25 | 1" | 1.5/16"-12UNF | 20 | 127 | 74,5 | 69 | 38 | DKJ 25-90° - 1. 5/16" |
| 31 | 1.1/4" | 1.5/8"-12UNF | 26 | 140 | 80 | 84,5 | 46 | DKJ 32-90° - 1. 5/8" |
| 38 | 1.1/2" | 1.7/8"-12UNF | 32 | 174 | 104 | 98 | 50 | DKJ 40-90° - 1. 7/8" |

5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

AGJ

Tip priključka: konus JIC-37°, UNF navoj

Type connection: cone 37°, UNF thread



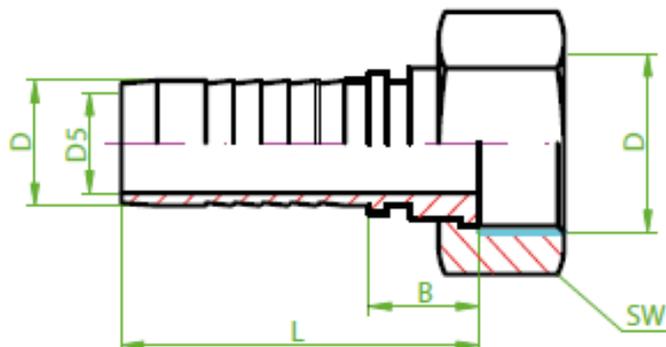
| Hose bore | | Thread | Dimensions, mm | | | | Marking |
|-----------|--------|---------------|----------------|-------|------|----|-------------------|
| DN | inch | D | D5 | L ±3 | B ±3 | SW | |
| 6 | 1/4" | 7/16"-20UNF | 4 | 54,8 | 28 | 14 | AGJ 06 - 7/16" |
| 6 | 1/4" | 1/2"-20UNF | 4 | 54,8 | 27,5 | 17 | AGJ 06 - 1/2" |
| 6 | 1/4" | 9/16"-18UNF | 4 | 55 | 27,7 | 17 | AGJ 06 - 9/16" |
| 8 | 5/16" | 1/2"-20UNF | 5,5 | 57 | 29 | 17 | AGJ 08 - 1/2" |
| 8 | 5/16" | 9/16"-18UNF | 5,5 | 57 | 28,5 | 17 | AGJ 08 - 9/16" |
| 10 | 3/8" | 9/16"-18UNF | 7 | 57 | 30 | 17 | AGJ 10 - 9/16" |
| 10 | 3/8" | 3/4"-16UNF | 7 | 60,5 | 32 | 22 | AGJ 10 - 3/4" |
| 10 | 3/8" | 7/8"-14UNF | 7 | 64,5 | 36 | 27 | AGJ 10 - 7/8" |
| 12 | 1/2" | 3/4"-16UNF | 10 | 62,5 | 35 | 22 | AGJ 12 - 3/4" |
| 12 | 1/2" | 7/8"-14UNF | 10 | 66,5 | 36,5 | 27 | AGJ 12 - 7/8" |
| 16 | 5/8" | 7/8"-14UNF | 12,5 | 69,5 | 39 | 27 | AGJ 16 - 7/8" |
| 16 | 5/8" | 1.1/16"-12UNF | 12,5 | 71 | 38,5 | 32 | AGJ 16 - 1. 1/16" |
| 19 | 3/4" | 1.1/16"-12UNF | 15,5 | 78,5 | 44 | 32 | AGJ 20 - 1. 1/16" |
| 19 | 3/4" | 1.5/16"-12UNF | 15,5 | 80,5 | 41,5 | 38 | AGJ 20 - 1. 5/16" |
| 25 | 1" | 1.5/16"-12UNF | 20 | 94,5 | 48 | 38 | AGJ 25 - 1. 5/16" |
| 31 | 1.1/4" | 1.5/8"-12UNF | 26 | 108,5 | 53 | 46 | AGJ 32 - 1.5/8" |
| 38 | 1.1/2" | 1.7/8"-12UNF | 32 | 123,5 | 53,5 | 50 | AGJ 40 - 1.7/8" |
| 51 | 2" | 2.1/2"-12UNF | On request | | | | AGJ 50 - 2.1/2" |

5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

ORFS

Tip priključka: ravna nosiva površina, UNF navoj

Type connection: straight flat sealing, UNF thread



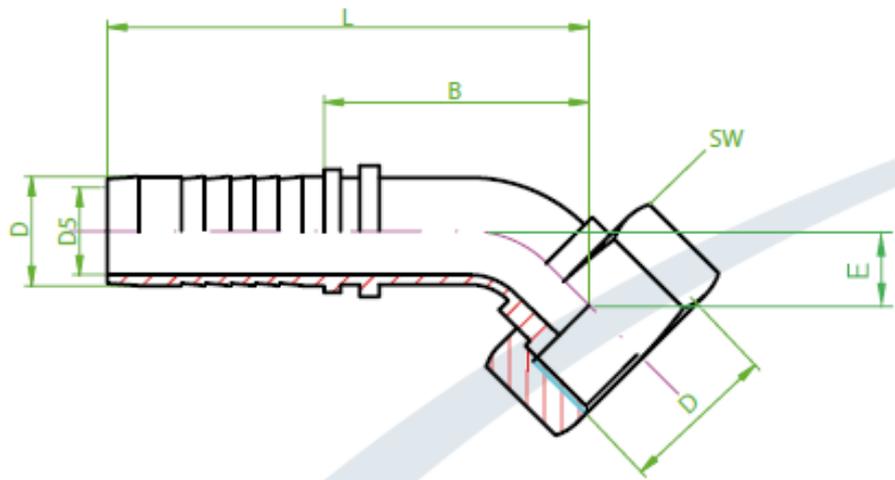
| Hose bore | | Thread | Dimensions, mm | | | | Marking |
|-----------|--------|-------------|----------------|------|------|----|---------------------|
| DN | inch | D | D5 | L ±3 | B ±3 | SW | |
| 6 | 1/4" | 9/16"-18 | 4 | 48 | 21 | 17 | ORFS 06 - 9/16" |
| 6 | 1/4" | 11/16"-16 | 4 | 49 | 22 | 22 | ORFS 06 - 11/16" |
| 8 | 5/16" | 11/16"-16 | 5,5 | 49 | 22 | 22 | ORFS 08 - 11/16" |
| 10 | 3/8" | 9/16"-18 | 4 | 52 | 22 | 17 | ORFS 010 - 9/16" |
| 10 | 3/8" | 11/16"-16 | 7 | 54 | 24 | 22 | ORFS 10 - 11/16" |
| 10 | 3/8" | 13/16"-16 | 7 | 52 | 22 | 24 | ORFS 10 - 13/16" |
| 12 | 1/2" | 11/16"-16 | 7 | 55 | 24 | 22 | ORFS 12 - 11/16" |
| 12 | 1/2" | 13/16"-16 | 10 | 52 | 21 | 24 | ORFS 12 - 3/4" |
| 12 | 1/2" | 1"-14 | 10 | 56 | 25 | 30 | ORFS 12 - 1" |
| 16 | 5/8" | 13/16"-16 | 10 | 60 | 26 | 24 | ORFS 16 - 13/16" |
| 16 | 5/8" | 1"-16 | 13 | 55 | 31 | 30 | ORFS 16 - 1" |
| 16 | 5/8" | 1.3/16"-12 | 13 | 61 | 27 | 36 | ORFS 20 - 1. 3/16" |
| 19 | 3/4" | 1.3/16"-12 | 15 | 73 | 34 | 36 | ORFS 20 - 1. 3/16" |
| 19 | 3/4" | 1.7/16"-12 | 15 | 71 | 32 | 41 | ORFS 20 - 1. 7/16" |
| 25 | 1" | 1.7/16"-12 | 21 | 83 | 37 | 41 | ORFS 25 - 1.7/16" |
| 25 | 1" | 1.11/16"-12 | 21 | 80 | 33 | 50 | ORFS 25 - 1.11/16" |
| 31 | 1.1/4" | 1.11/16"-12 | 27 | 91 | 36 | 50 | ORFS 32 - 1. 11/16" |
| 31 | 1.1/4" | 2"-12 | 27 | 92 | 38 | 60 | ORFS 32 - 2" |
| 38 | 1.1/2" | 2"-12 | 33 | 96 | 39 | 60 | ORFS 40 - 2" |

5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

ORFS 45°

Tip priključka: ravna nosiva površina, UNF navoj

Type connection: straight flat sealing, UNF thread



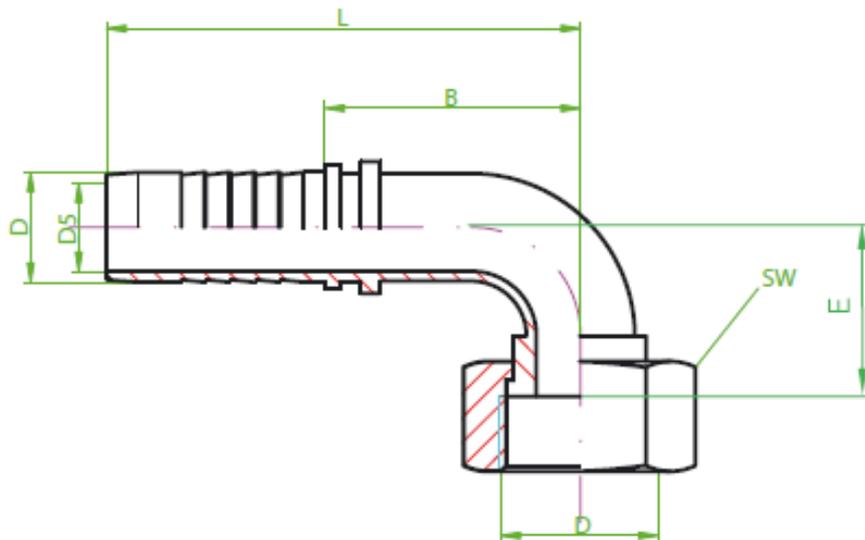
| Hose bore | | Thread | Dimensions, mm | | | | Marking | |
|-----------|--------|-------------|----------------|------|------|------|---------|-------------------------|
| DN | inch | D | D5 | L ±3 | B ±3 | E ±3 | SW | |
| 6 | 1/4" | 9/16"-18 | 4 | 62 | 35 | 13 | 17 | ORFS 06 -45°- 9/16" |
| 6 | 1/4" | 11/16"-16 | 4 | 62 | 35 | 13 | 22 | ORFS 06 -45°- 11/16" |
| 8 | 5/16" | 11/16"-16 | 5,5 | 64 | 37 | 15 | 22 | ORFS 08 -45°- 11/16" |
| 10 | 3/8" | 9/16"-18 | 4 | 80 | 50 | 18 | 17 | ORFS 10 -45°- 9/16" |
| 10 | 3/8" | 11/16"-16 | 7 | 65 | 36 | 15 | 22 | ORFS 10 -45°- 11/16" |
| 10 | 3/8" | 13/16"-16 | 7 | 67 | 37 | 15 | 24 | ORFS 10 -45°- 13/16" |
| 12 | 1/2" | 11/16"-16 | 7 | 94 | 63 | 21 | 22 | ORFS 12 -45°- 11/16" |
| 12 | 1/2" | 13/16"-16 | 10 | 79 | 48 | 20 | 24 | ORFS 12 -45°- 3/4" |
| 12 | 1/2" | 1"-14 | 10 | 79 | 49 | 17 | 30 | ORFS 12 -45°- 1" |
| 16 | 5/8" | 13/16"-16 | 10 | 103 | 69 | 24 | 24 | ORFS 16 -45°- 13/16" |
| 16 | 5/8" | 1"-16 | 12,8 | 94 | 61 | 26 | 30 | ORFS 16 -45°- 1" |
| 16 | 5/8" | 1.3/16"-12 | 12,7 | 95 | 62 | 27 | 36 | ORFS 20 -45°- 1. 3/16" |
| 19 | 3/4" | 1.3/16"-12 | 15 | 114 | 75 | 28 | 36 | ORFS 20 -45°- 1. 3/16" |
| 19 | 3/4" | 1.7/16"-12 | 15 | 114 | 75 | 33 | 41 | ORFS 20 -45°- 1. 7/16" |
| 25 | 1" | 1.7/16"-12 | 21 | 127 | 81 | 35 | 41 | ORFS 25 -45°- 1.7/16" |
| 25 | 1" | 1.11/16"-12 | 21 | 130 | 83 | 35 | 50 | ORFS 25 -45°- 1.11/16" |
| 31 | 1.1/4" | 1.11/16"-12 | 26,8 | 160 | 106 | 45 | 50 | ORFS 32 -45°- 1. 11/16" |
| 31 | 1.1/4" | 2"-12 | 26,8 | 168 | 113 | 45 | 60 | ORFS 32 -45°- 2" |
| 38 | 1.1/2" | 2"-12 | 33 | 173 | 116 | 53 | 60 | ORFS 40 -45°- 2" |

5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

ORFS 90°

Tip priključka: ravna nosiva površina, UNF navoj

Type connection: straight flat sealing, UNF thread



| Hose bore | | Thread | Dimensions, mm | | | | | Marking | |
|-----------|--------|-------------|----------------|------|------|------|----|-------------------------|------------------|
| DN | inch | D | D5 | L ±3 | B ±3 | E ±3 | SW | | |
| 6 | 1/4" | 9/16"-18 | 4 | 55 | 28 | 27 | 17 | ORFS 06 -90°- 9/16" | |
| 6 | 1/4" | 11/16"-16 | 4 | 54 | 27 | 27 | 22 | ORFS 06 -90°- 11/16" | |
| 8 | 5/16" | 11/16"-16 | 5,5 | 58 | 31 | 29 | 22 | ORFS 08 -90°- 11/16" | |
| 10 | 3/8" | 9/16"-18 | 4 | 73 | 43 | 30 | 17 | ORFS 10 -90°- 9/16" | |
| 10 | 3/8" | 11/16"-16 | 7 | 60 | 30 | 28 | 22 | ORFS 10 -90°- 11/16" | |
| 10 | 3/8" | 13/16"-16 | 7 | 59 | 29 | 31 | 24 | ORFS 10 -90°- 13/16" | |
| 12 | 1/2" | 11/16"-16 | 7 | 80 | 49 | 45 | 22 | ORFS 12 -90°- 11/16" | |
| 12 | 1/2" | 13/16"-16 | 10 | 72 | 41 | 40 | 24 | ORFS 12 -90°- 3/4" | |
| 12 | 1/2" | 1"-14 | 10 | 72 | 41 | 41 | 30 | ORFS 12 -90°- 1" | |
| 16 | 5/8" | 13/16"-16 | 10 | 86 | 52 | 40 | 24 | ORFS 16 -90°- 13/16" | |
| 16 | 5/8" | 1"-16 | 12,8 | 86 | 52 | 49 | 30 | ORFS 16 -90°- 1" | |
| 16 | 5/8" | 1.3/16"-12 | 12,8 | 85 | 51 | 50,5 | 36 | ORFS 20 -90°- 1. 3/16" | |
| 19 | 3/4" | 1.3/16"-12 | 14,8 | 99 | 60 | 58 | 36 | ORFS 20 -90°- 1. 3/16" | |
| 19 | 3/4" | 1.7/16"-12 | 14,8 | 99 | 60 | 60 | 41 | ORFS 20 -90°- 1. 7/16" | |
| 25 | 1" | 1.7/16"-12 | 21 | 114 | 68 | 67 | 41 | ORFS 25 -90°- 1.7/16" | |
| 25 | 1" | 1.11/16"-12 | 21,1 | 114 | 68 | 70 | 50 | ORFS 25 -90°- 1.11/16" | |
| 31 | 1.1/4" | 1.11/16"-12 | 26,8 | 149 | 95 | 84,5 | 50 | ORFS 32 -90°- 1. 11/16" | |
| 31 | 1.1/4" | 2"-12 | On request | | | | | 50 | ORFS 32 -90°- 2" |
| 38 | 1.1/2" | 2"-12 | 33 | 162 | 105 | 104 | 60 | ORFS 40 -90°- 2" | |

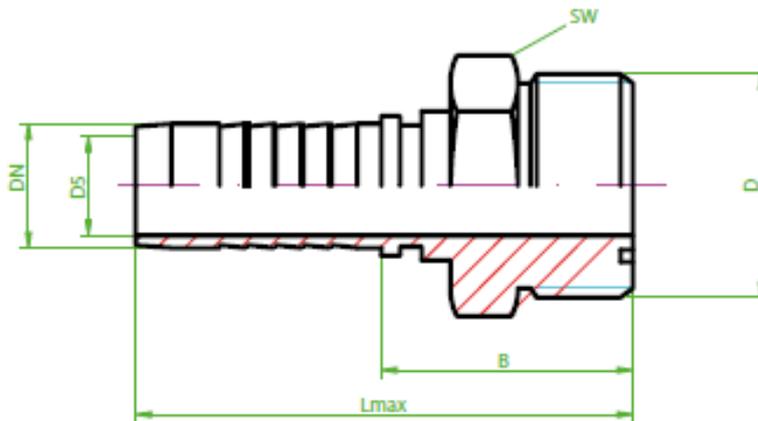


5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

ORS

Tip priključka: ravna nosiva površina, UNF navoj

Type connection: straight flat sealing, UNF thread



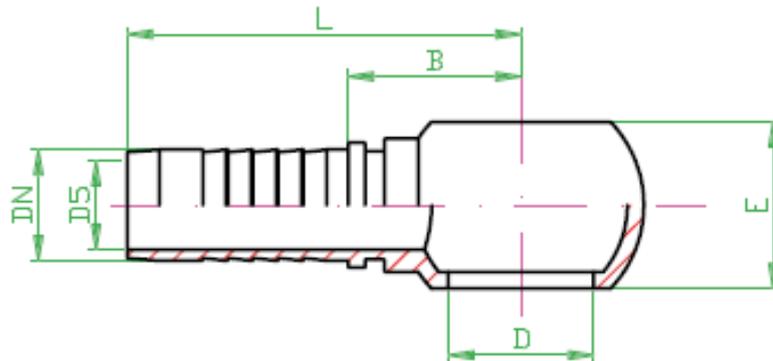
| Hose bore | | Thread | Dimensions, mm | | | | Marking |
|-----------|--------|----------|----------------|------|------|----|-------------------|
| DN | inch | D | D5 | L ±3 | B ±3 | SW | |
| 6 | 1/4" | 9/16" | 4 | 58 | 31 | 17 | ORS 06 - 9/16" |
| 8 | 5/16" | 11/16" | 7 | 60 | 33 | 19 | ORS 08 - 11/16" |
| 10 | 3/8" | 11/16" | 7 | 62 | 32 | 19 | ORS 10 - 11/16" |
| 12 | 1/2" | 13/16" | 10 | 67 | 36 | 22 | ORS 12 - 13/16" |
| 16 | 5/8" | 1" | 13 | 75 | 40 | 27 | ORS 16 - 1" |
| 16 | 5/8" | 1.3/16" | 13 | 78 | 44 | 32 | ORS 16 - 1.3/16" |
| 19 | 3/4" | 1.3/16" | 15 | 86 | 46 | 32 | ORS 20 - 1.3/16" |
| 25 | 1" | 1.7/16" | 20 | 96 | 50 | 41 | ORS 25 - 1.7/16" |
| 31 | 1.1/4" | 1.11/16" | 27 | 107 | 53 | 46 | ORS 32 - 1.11/16" |
| 38 | 1.1/2" | 2" | 32 | 111 | 54 | 55 | ORS 40 - 2" |

5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

RN

Tip priključka: metrički protočni vijak

Type connection: metric flow screw



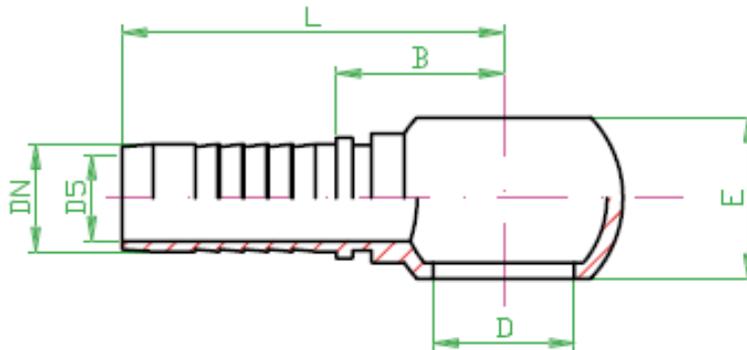
| Hose bore | | Thread | Dimensions, mm | | | | Marking |
|-----------|-------|---------|----------------|------|------|------|------------|
| DN | inch | D | D5 | L ±3 | B ±3 | E ±3 | |
| 6 | 1/4" | M10x1 | 3,5 | 57 | 29 | | RN 06 - 10 |
| 6 | 1/4" | M12x1,5 | 3,5 | 48 | 21 | 12 | RN 06 - 12 |
| 6 | 1/4" | M14x1,5 | 3,5 | 50 | 23 | 14 | RN 06 - 14 |
| 8 | 5/16" | M12x1,5 | 3,5 | | | | RN 08 - 12 |
| 8 | 5/16" | M14x1,5 | 3,5 | 52 | 23,5 | 14 | RN 08 - 14 |
| 8 | 5/16" | M16x1,5 | 3,5 | 55 | 26,5 | 16 | RN 08 - 16 |
| 10 | 3/8" | M14x1,5 | 7 | 63 | 33 | | RN 10 - 14 |
| 10 | 3/8" | M16x1,5 | 7 | 55 | 26,5 | 16 | RN 10 - 16 |
| 10 | 3/8" | M18x1,5 | 7 | 57 | 28,5 | 20 | RN 10 - 18 |
| 12 | 1/2" | M16x1,5 | 10 | 69 | 37 | | RN 12 - 16 |
| 12 | 1/2" | M18x1,5 | 10 | 59 | 29 | 20 | RN 12 - 18 |
| 12 | 1/2" | M22x1,5 | 10 | 74 | 42 | | RN 12 - 22 |
| 16 | 5/8" | M22x1,5 | 12,8 | 77,5 | 44 | | RN 16 - 22 |
| 19 | 3/4" | M26x1,5 | 15 | 89 | 50 | | RN 20 - 26 |

5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

RN-R

Tip priključka: BSP protočni vijak

Type connection: BSP flow screw



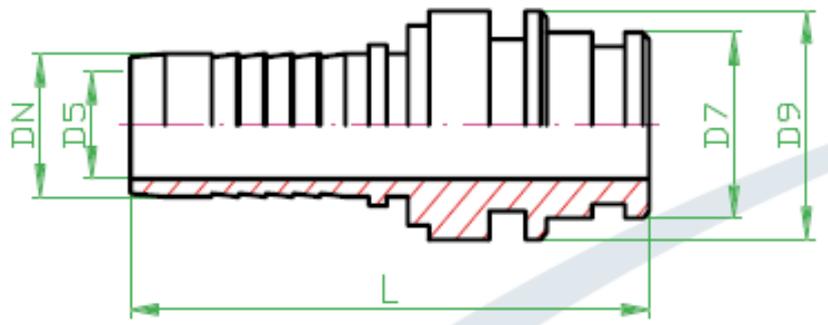
| Hose bore | | Thread | Dimensions, mm | | | | Marking |
|-----------|-------|--------|----------------|------|------|------|----------------|
| DN | inch | D | D5 | L ±3 | B ±3 | E ±3 | |
| 6 | 1/4" | 1/8" | 3,5 | 57 | 29 | | RN-R 06 - 1/8" |
| 6 | 1/4" | 1/4" | | 50 | 23 | 14 | RN-R 06 - 1/4" |
| 6 | 1/4" | 3/8" | | 50 | 23 | 17 | RN-R 06 - 3/8" |
| 8 | 5/16" | 1/4" | 5,5 | 61 | 33 | | RN-R 08 - 1/4" |
| 8 | 5/16" | 3/8" | | 55 | 26,5 | 17 | RN-R 08 - 3/8" |
| 10 | 3/8" | 1/4" | 7 | 63 | 33 | | RN-R 10 - 1/4" |
| 10 | 3/8" | 3/8" | | 55 | 26,5 | 17 | RN-R 10 - 3/8" |
| 10 | 3/8" | 1/2" | | 57 | 28,5 | 22 | RN-R 10 - 1/2" |
| 12 | 1/2" | 3/8" | 7 | 69 | 37 | | RN-R 12 - 3/8" |
| 12 | 1/2" | 1/2" | | 59 | 29 | 22 | RN-R 12 - 1/2" |
| 16 | 5/8" | 1/2" | 13 | 78 | 44 | | RN-R 16 - 1/2" |
| 16 | 5/8" | 3/4" | | 67,5 | 34,5 | 30 | RN-R 16 - 3/4" |
| 19 | 3/4" | 1/2" | 13 | 86 | 47 | | RN-R 20 - 1/2" |
| 19 | 3/4" | 3/4" | | 14,5 | 35,5 | 30 | RN-R 20 - 3/4" |
| 25 | 1" | 3/4" | 15 | 97 | 50 | | RN-R 25 - 3/4" |
| 25 | 1" | 1" | | 94 | 41,5 | 36 | RN-R 25 - 1" |

5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

STECK

Tip priključka: STECKO spoj

Type connection: STECKO connecting



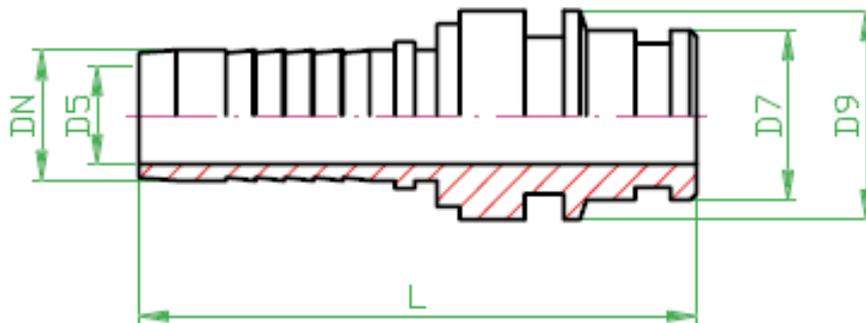
| Hose bore | | Dimensions, mm | | | | O-Ring | Supp. | Marking |
|-----------|--------|----------------|----|----|------|--------|-----------|----------|
| DN | inch | D5 | D7 | D9 | Lmax | | | |
| 6 | 1/4" | 4 | 10 | 15 | 70 | 6x2 | 6,8/10,1 | STECK 06 |
| 8 | 5/16" | 7 | 14 | 20 | 75 | 10x2 | 10,8/14,1 | STECK 08 |
| 10 | 3/8" | 7 | 14 | 20 | 80 | 10x2 | 10,8/14,1 | STECK 10 |
| 12 | 1/2" | 9,4 | 18 | 24 | 85 | 13x2,5 | 14,0/18,1 | STECK 12 |
| 16 | 5/8" | 12 | 21 | 26 | 90 | 16x2,5 | 17,0/21,1 | STECK 16 |
| 19 | 3/4" | 15 | 24 | 29 | 100 | 19x2,5 | 20,0/24,1 | STECK 20 |
| 25 | 1" | 20 | 31 | 39 | 115 | 25x2,5 | 27,0/31,1 | STECK 25 |
| 31 | 1.1/4" | 26 | 38 | 46 | 120 | 33x2,5 | 34,0/38,1 | STECK 32 |
| 38 | 1.1/2" | 33 | 47 | 55 | 110 | 33x2,5 | 34,0/38,1 | STECK 40 |

5.1 Visokotlačni hidraulični priključci (High pressure hydraulic hose fittings)

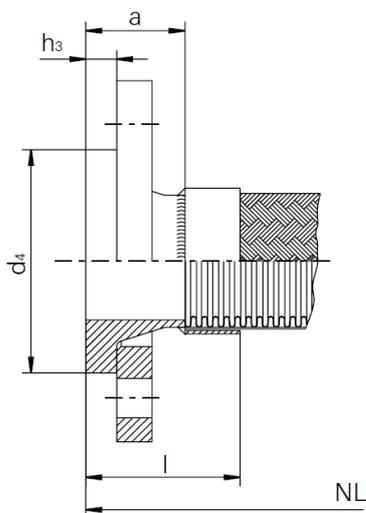
DVP

Tip priključka: STECKO spoj

Type connection: STECKO connecting



| Hose bore | | Dimensions, mm | | | | O-Ring | Supp. | Marking |
|-----------|--------|----------------|----|----|------|--------|-----------|---------|
| DN | inch | D5 | D7 | D9 | Lmax | | | |
| 6 | 1/4" | 4,2 | 12 | 18 | 80 | 8x2 | 6,8/10,1 | DVP 06 |
| 8 | 5/16" | 6,2 | 16 | 18 | 80 | 12x2 | 10,8/14,1 | DVP 08 |
| 10 | 3/8" | 8 | 18 | 22 | 85 | 13x2,5 | 10,8/14,1 | DVP 10 |
| 12 | 1/2" | 11 | 20 | 22 | 90 | 15x2,5 | 14,0/18,1 | DVP 12 |
| 16 | 5/8" | 14 | 22 | 25 | 95 | 17x2,5 | 17,0/21,1 | DVP 16 |
| 19 | 3/4" | 18 | 30 | 32 | 105 | 25x4,5 | 20,0/24,1 | DVP 20 |
| 25 | 1" | 22,5 | 36 | 38 | 120 | 31x4,5 | 27,0/31,1 | DVP 25 |
| 31 | 1.1/4" | 29 | 44 | 46 | 130 | 35x4,5 | 34,0/38,1 | DVP 32 |

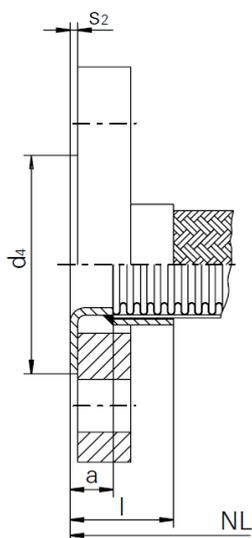


Tip AB 12/82E

Prirubnički spoj, okretno, ogrlica za zavarivanje (čelik ili nehrđajući čelik 1.4541 ili 1.4571), slobodna prirubnica (čelik ili nehrđajući čelik 1.4541 ili 1.4571)

Type AB 12/82E

Flange connection, swivelling, welding collar (steel or stainless steel 1.4541 or 1.4571), loose flange (steel or stainless steel 1.4541 or 1.4571)

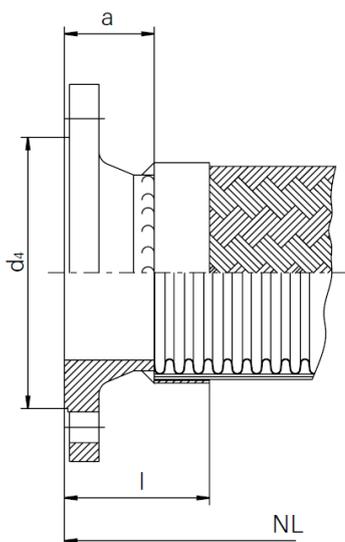


Tip CA 82 E (82/22)

Prirubnički spoj, okretno, ogrlica za zavarivanje (čelik ili nehrđajući čelik 1.4541 ili 1.4571), slobodna prirubnica (čelik ili nehrđajući čelik 1.4541 ili 1.4571)

Type CA 82 E (82/22)

Flange connection, swivelling, welding collar (steel or stainless steel 1.4541 or 1.4571), loose flange (steel or stainless steel 1.4541 or 1.4571)



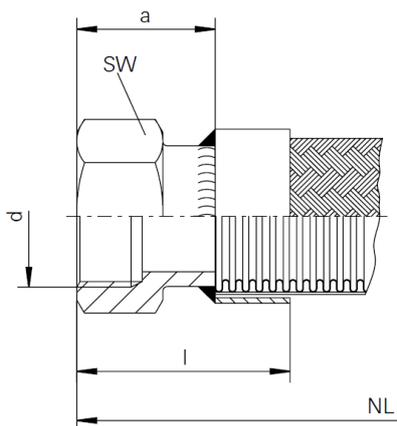
Tip GB 12/22E (GB12/22/82)

Prirubnički spoj, fiksna prirubnica (čelik ili nehrđajući čelik 1.4541 ili 1.4571)

Type GB 12/22E (GB12/22/82)

Flange connection, fixed (steel or stainless steel 1.4541 or 1.4571)

5.2 Priključci za metalna fleksibilna crijeva (Metal flexible hose fittings)

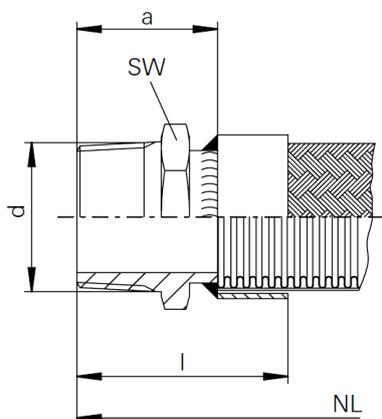


Tip LA 12S/22S/52S

Šesterokutni nastavak sa Whitworthovim unutarnjim navojem DIN EN 10226 (ISO 7/1) (mesing, čelik ili nehrđajući čelik 1.4541 ili 1.4571)

Type LA 12S/22S/52S

Hexagon socket with Whitworth internal thread DIN EN 10226 (ISO 7/1) (brass, steel or stainless steel 1.4541 or 1.4571)

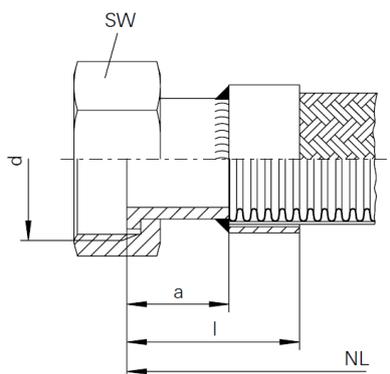


Tip MH 02/12/22/52S

Šesterokutni nipl sa Whitworthovim vanjskim navojem DIN EN 10226 (ISO 7/1) (mesing, čelik ili nehrđajući čelik 1.4541 ili 1.4571)

Type MH 02/12/22/52S

Hexagon nipple with Whitworth external thread DIN EN 10226 (ISO 7/1) (brass, steel or stainless steel 1.4541 or 1.4571)

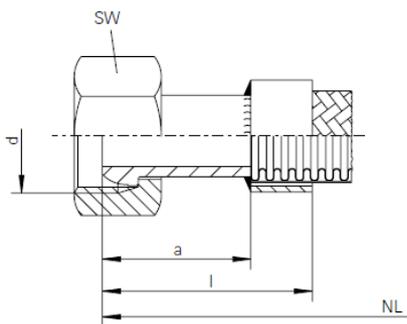


Tip NA 12/22/52S

Obrubna cijev, ravno brtvljenje, spojna matica s Whitworthovim navojem ISO 228/1 (mesing, čelik ili nehrđajući čelik 1.4541 ili 1.4571)

Type NA 12/22/52S

Collar pipe, flat sealing, union nut with Whitworth pipe thread ISO 228/1 (brass, steel or stainless steel 1.4541 or 1.4571)

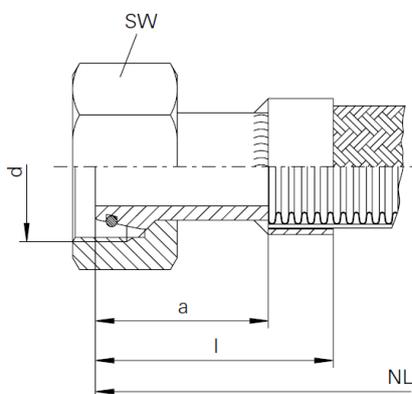


Tip NF 12/22/52S

Kuglasta čahura DIN 3863, preklopna matica s Whitworthovim navojem za cijevi ISO 228/1 (mesing, čelik ili nehrđajući čelik 1.4541 ili 1.4571)

Type NF 12/22/52S

Ball type bushing DIN 3863, union nut with Whitworth pipe thread ISO 228/1 (brass, steel or stainless steel 1.4541 or 1.4571)

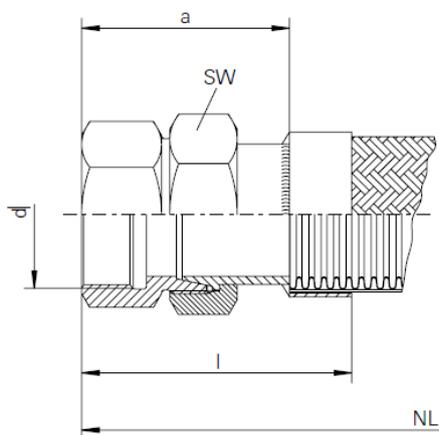


Tip NN 12/22Q, 12/22R

Navojni priključak, zakretni 24° brtveni konus s O-ringom, preklopna matica DIN ISO 12151-2, izrađeno od čelika ili nehrđajućeg čelika 1.4541 ili 1.4571 (preklopna matica 1.4571)

Type NF 12/22/52S

Threaded connection, swivelling 24° sealing cone with O-ring, union nut DIN ISO 12151-2, made of steel or stainless steel 1.4541 or 1.4571 (union nut 1.4571)



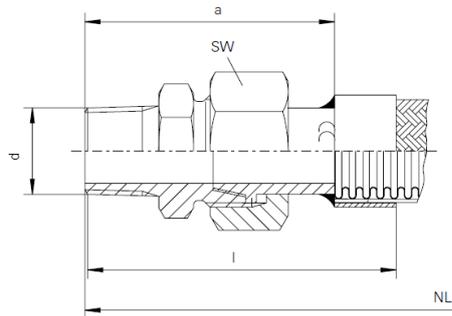
Tip QB 12/22/52W/92S

Priključak s navojem, konusno brtvljenje, Whitworth unutarnji navoj DIN EN 10226 (ISO 7/1) (mesing, čelik, nehrđajući čelik 1.4541 ili 1.4571) (preklopna matica 1.4301)

Type QB 12/22/52W/92S

Threaded fitting, conical sealing, Whitworth internal thread DIN EN 10226 (ISO 7/1) (brass, steel, stainless steel 1.4541 or 1.4571) (union nut 1.4301)

5.2 Priključci za metalna fleksibilna crijeva (Metal flexible hose fittings)

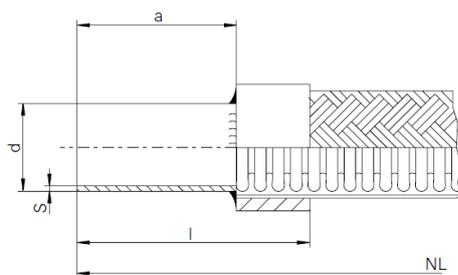


Tip RF 12/22/52W

Priključak s navojem, konusno brtvljenje 24°, Whitworth vanjski navoj DIN EN 10226 (ISO 7/1) (mesing, čelik, nehrđajući čelik 1.4541 ili 1.4571) (preklopna matica 1.4301)

Type RF 12/22/52W

Threaded fitting, conical sealing 24°, Whitworth external thread DIN EN 10226 (ISO 7/1) (brass, steel, stainless steel 1.4541 or 1.4571) (union nut 1.4301)



Tip UA 12/22S (UD 12/22Q)

Cijevni nastavak za zavarivanje s ISO cijevnim dimenzijama (čelik, nehrđajući čelik 1.4541 ili 1.4571)

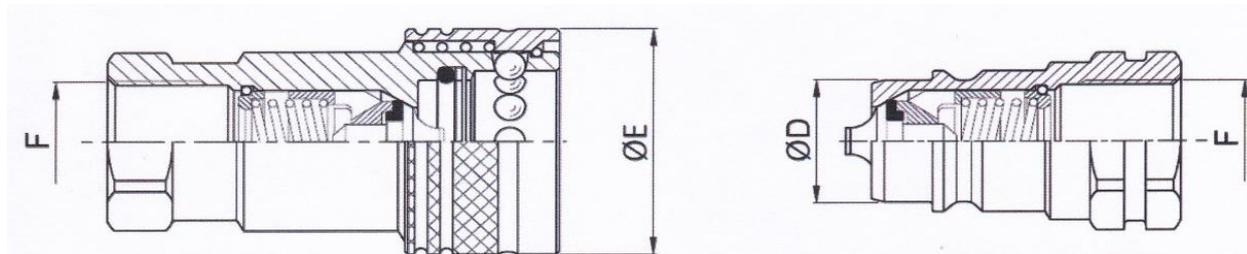
Type UA 12/22S (UD 12/22Q)

Welding end with ISO pipe dimensions (steel, stainless steel 1.4541 or 1.4571)

5.3 Brze spojke (Quick release couplings)

Brza spojnica PAV1 (Quick release coupling PAV1)

ISO 7241-1 A



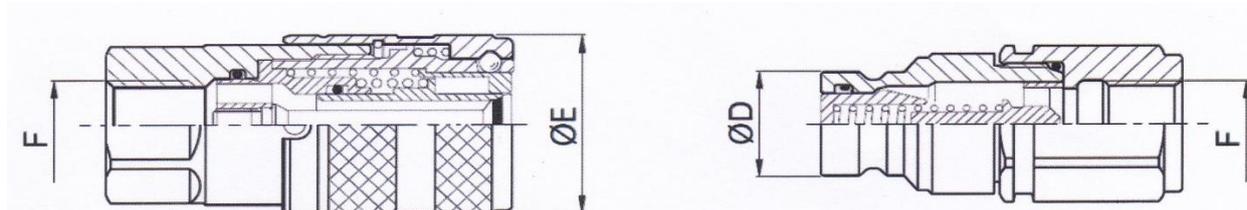
BS PAV1 ŽENSKA (FEMALE)

BS PAV1 MUŠKA (MALE)

| DN | φD, mm | φE, mm | Thread F | Working pressure |
|----|--------|--------|-------------|------------------|
| 6 | 11,85 | 10 | IG 1/4" BSP | 350 bar |
| 10 | 17,3 | 10 | IG 3/8" BSP | 350 bar |
| 13 | 20,55 | 10 | IG 1/2" BSP | 250 bar |
| 13 | 20,55 | 10 | IG M22x1,5 | 250 bar |
| 20 | 29,1 | 10 | IG 3/4" BSP | 250 bar |
| 25 | 34,35 | 10 | IG 1" BSP | 200 bar |

Brza spojnica PLT4 (Quick release coupling PLT4)

ISO 16028



BS PLT4 ŽENSKA (FEMALE)

BS PLT4 MUŠKA (MALE)

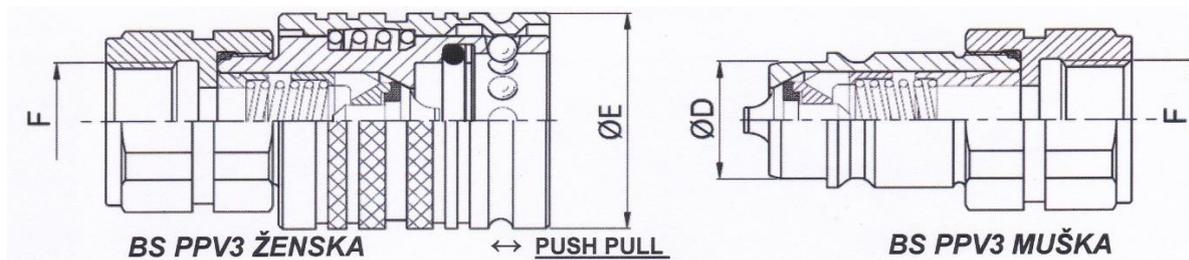
| DN | φD, mm | φE, mm | Thread F | Working pressure |
|----|--------|--------|----------------|------------------|
| 6 | 16,2 | 28 | IG 1/4" BSP | 400 bar |
| 6 | 16,2 | 28 | IG 3/8" BSP | 400 bar |
| 13 | 19,76 | 32 | IG 3/8" BSP | 350 bar |
| 13 | 19,76 | 32 | IG 1/2" BSP | 350 bar |
| 13 | 19,76 | 32 | AG M22x1,5 | 350 bar |
| 20 | 24,55 | 38 | IG 1/2" BSP | 350 bar |
| 20 | 24,55 | 38 | IG 3/4" BSP | 350 bar |
| 20 | 24,55 | 38 | IG 1 1/16 UNF | 350 bar |
| 22 | 27,05 | 42 | IG 1/2" BSP | 350 bar |
| 22 | 2,05 | 42 | IG 3/4" BSP | 350 bar |
| 25 | 29,55 | 48 | IG 3/4" BSP | 350 bar |
| 25 | 29,55 | 48 | IG 1" BSP | 350 bar |
| 25 | 29,55 | 48 | IG 1 5/16" BSP | 350 bar |



5.3 Brze spojke (Quick release couplings)

Brza spojnica PPV3 (Quick release coupling PPV3 Push-Pull)

ISO 241-1 A (PUSH-PULL)

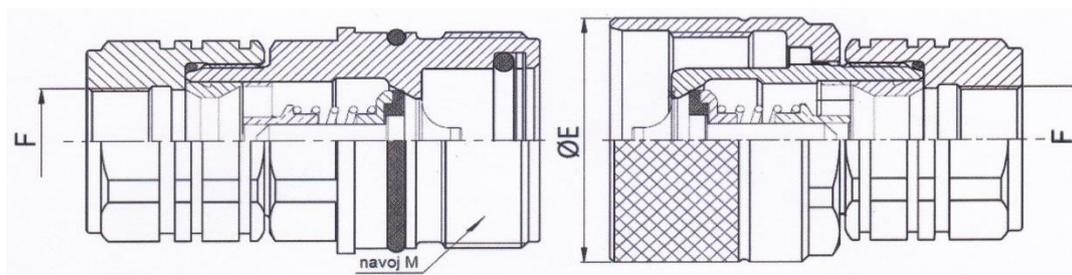


PPV3 FEMALE

PPV3 MALE

| DN | ϕD , mm | ϕE , mm | Thread F | Working pressure |
|----|---------------|---------------|-------------|------------------|
| 6 | 11,85 | 26 | IG 1/4" BSP | 250 bar |
| 10 | 17,3 | 31 | IG 1/4" BSP | 300 bar |
| 10 | 17,3 | 31 | IG 3/8" BSP | 300 bar |
| 10 | 17,3 | 31 | AG M18x1,5 | 300 bar |
| 13 | 20,55 | 38 | IG 3/8" BSP | 225 bar |
| 13 | 20,55 | 38 | IG 1/2" BSP | 225 bar |
| 13 | 20,55 | 38 | IG M22x1,5 | 225 bar |
| 13 | 20,55 | 38 | AG M18x1,5 | 225 bar |
| 13 | 20,55 | 38 | AG M22x1,5 | 225 bar |
| 20 | 29,1 | 46 | IG 3/4" BSP | 225 bar |
| 20 | 29,1 | 46 | AG M30x2 | 225 bar |
| 25 | 34,35 | 54 | IG 1" BSP | 225 bar |

Brza spojnica PPV3 (Quick release coupling PPV3)



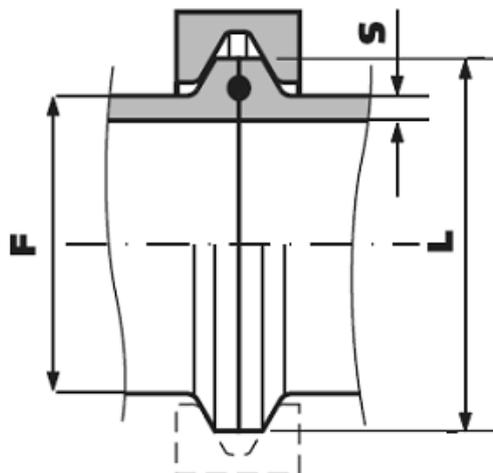
PPV3 FEMALE

PPV3 MALE

| DN | Thread M | ϕE , mm | Thread F | Working pressure |
|----|----------|---------------|-------------|------------------|
| 13 | M36x2 | 42 | IG 1/2" BSP | 300 bar |
| 20 | M42x2 | 47,5 | IG 3/4" BSP | 250 bar |
| 25 | M48x3 | 55 | IG 1" BSP | 200 bar |

5.3 Brze spojke (Quick release couplings)

Tri-clamp priključci (Triclamp fittings)



| Tri clamp BS 4825 | | | | Tri clamp ISO 2852 | | | | Tri clamp DIN 3266 | | | |
|-------------------|-------|-------|-------|--------------------|-------|-------|-------|--------------------|-------|-------|-------|
| DN, inch | L, mm | F, mm | S, mm | DN, inch | L, mm | F, mm | S, mm | DN, inch | L, mm | F, mm | S, mm |
| 1/2 | 25,1 | 12,7 | 1,65 | 10 | 34 | 17,2 | 1,6 | 10 | 34 | 12 | 1,5 |
| 3/4 | 25,1 | 19,05 | 1,65 | 15 | 34 | 21,3 | 1,6 | 15 | 34 | 18 | 1,5 |
| 1 | 50,4 | 25,4 | 1,65 | 20 | 50,4 | 26,9 | 1,6 | 20 | 34 | 22 | 1,5 |
| 1 1/2 | 50,4 | 38,1 | 1,65 | 25 | 50,4 | 33,7 | 1,6 | 25 | 50,4 | 28 | 1,5 |
| 2 | 64 | 50,8 | 1,65 | 32 | 50,4 | 42,4 | 1,6 | 32 | 50,4 | 34 | 1,5 |
| 2 1/2 | 77,4 | 63,5 | 1,65 | 40 | 64 | 48,3 | 1,6 | 40 | 50,4 | 40 | 1,5 |
| 3 | 90,9 | 76,1 | 1,65 | 50 | 77,4 | 60,3 | 2 | 50 | 64 | 52 | 1,5 |
| 4 | 118,8 | 101,6 | 2,11 | 65 | 90,9 | 76,2 | 2 | 65 | 90,9 | 70 | 2 |
| 6 | 167 | 152,4 | 2,77 | 80 | 106 | 88,9 | 2 | 80 | 106 | 85 | 2 |
| 8 | 217,4 | 203,2 | 2,77 | 100 | 130 | 114,3 | 2 | 100 | 118,8 | 104 | 2 |
| 10 | 268,5 | 254 | 3,56 | 125 | 155 | 139,7 | 3 | 125 | 155 | 129 | 2 |
| 12 | 319,3 | 304,8 | 3,56 | 150 | 183 | 168,3 | 3 | 150 | 183 | 154 | 2 |
| | | | | 200 | 233,5 | 219,1 | 3 | 200 | 233,5 | 204 | 2 |
| | | | | 250 | 319,3 | 273 | 3 | 250 | 268,5 | 254 | 3 |
| | | | | | | | | 300 | 319,3 | 305 | 3 |

5.3 Brze spojke (Quick release couplings)

KAMLOK spojke (KAMLOK quick release couplings)

DIN EN 14420-7

KAMLOK spojka ženska (Female Kamlok)

Material: 1.4401

Navoj (Thread): NBR

Tlak (Pressure): 16 bar



| DN | inch | External thread | Sealing diameter, mm | Working pressure, bar | Weight, kg |
|-----|--------|-----------------|----------------------|-----------------------|------------|
| 15 | 1/2" | R 1/2" | 24,5 | 25 | 0,13 |
| 20 | 3/4" | R 3/4" | 32,4 | 25 | 0,233 |
| 25 | 1" | R 1" | 37,36 | 25 | 0,343 |
| 32 | 5/4" | R 1 1/4" | 46 | 25 | 0,592 |
| 40 | 6/4" | R 1 1/2" | 54 | 25 | 0,694 |
| 50 | 2" | R 2" | 63,8 | 25 | 0,708 |
| 65 | 2 1/2" | R 2 1/2" | 76,5 | 25 | 1,007 |
| 80 | 3" | R 3" | 92,2 | 25 | 1,438 |
| 100 | 4" | R 4" | 120,3 | 25 | 1,998 |

DIN EN 14420-7

KAMLOK spojka muška (Male Kamlok)

Material: 1.4401

Navoj (Thread): NBR

Tlak (Pressure): 16 bar



| DN | inch | External thread | Sealing diameter, mm | Working pressure, bar | Weight, kg |
|-----|--------|-----------------|----------------------|-----------------------|------------|
| 15 | 1/2" | R 1/2" | 24 | 25 | 0,103 |
| 20 | 3/4" | R 3/4" | 32,1 | 25 | 0,185 |
| 25 | 1" | R 1" | 36,7 | 25 | 0,258 |
| 32 | 5/4" | R 1 1/4" | 45,5 | 25 | 0,477 |
| 40 | 6/4" | R 1 1/2" | 53,4 | 25 | 0,565 |
| 50 | 2" | R 2" | 63 | 25 | 0,65 |
| 65 | 2 1/2" | R 2 1/2" | 75,8 | 25 | 1,317 |
| 80 | 3" | R 3" | 91,5 | 25 | 1,766 |
| 100 | 4" | R 4" | 119,5 | 25 | 2,804 |



5.3 Brze spojke (Quick release couplings)

STORZ priljucci (STORZ couplings)

Aluminum, forged version

Gasket NBR black

Industrial version



| Nominal size | Cleat distance, mm | Hose size, mm | Nozzle length, mm | Working pressure, bar | Negative pressure, bar | Norm | Weight, kg (Aluminium) |
|--------------|--------------------|---------------|-------------------|-----------------------|------------------------|------------|------------------------|
| 25-D | 31 | 15/13 | 55 | 16 | 1 | - | 0,09 |
| 25-D | 31 | 21/19 | 55 | 16 | 1 | - | 0,1 |
| 25-D | 31 | 25 | 53 | 16 | 1 | DIN 14 301 | 0,09 |
| 38-H | 51 | 25 | 90 | 16 | 1 | - | 0,2 |
| 38-H | 51 | 32 | 90 | 16 | 1 | - | 0,21 |
| 38-H | 51 | 38 | 90 | 16 | 1 | - | 0,22 |
| 52-C | 66 | 19 | 90 | 16 | 1 | - | 0,36 |
| 52-C | 66 | 25 | 90 | 16 | 1 | - | 0,37 |
| 52-C | 66 | 32 | 90 | 16 | 1 | - | 0,37 |
| 52-C | 66 | 38 | 90 | 16 | 1 | - | 0,37 |
| 52-C | 66 | 42 | 90 | 16 | 1 | - | 0,38 |
| 52-C | 66 | 45 | 90 | 16 | 1 | - | 0,37 |
| 52-C | 66 | 50 | 90 | 16 | 1 | - | 0,38 |
| 52-C | 66 | 52 | 90 | 16 | 1 | DIN 14 321 | 0,37 |
| 52-C | 66 | 60 | 90 | 16 | 1 | - | 0,4 |
| 75-B | 89 | 52 | 125 | 16 | 1 | - | 0,5 |
| 75-B | 89 | 65 | 125 | 16 | 1 | - | 0,51 |
| 75-B | 89 | 70 | 125 | 16 | 1 | - | 0,52 |
| 75-B | 89 | 75 | 125 | 16 | 1 | DIN 14 322 | 0,53 |
| 75-B | 89 | 80 | 125 | 16 | 1 | - | 0,77 |
| 90 | 105 | 75 | 160 | 16 | 1 | - | 1,02 |
| 90 | 105 | 90 | 160 | 16 | 1 | - | 1,09 |
| 100 | 115 | 100 | 150 | 16 | 1 | - | 1,15 |
| 110-A | 133 | 90 | 170 | 16 | 1 | - | 1,68 |
| 110-A | 133 | 100 | 170 | 16 | 1 | - | 1,77 |
| 110-A | 133 | 110 | 170 | 16 | 1 | DIN 14 323 | 1,66 |
| 110-A | 133 | 125 | 180 | 16 | 1 | - | 2,02 |
| 125 | 148 | 125 | 200 | 16 | 1 | - | 2,27 |
| 150-F | 160 | 150 | 180 | 16 | 1 | - | 2,9 |

5.3 Brze spojke (Quick release couplings)

Spojke za cisterne (Tank truck coupling)



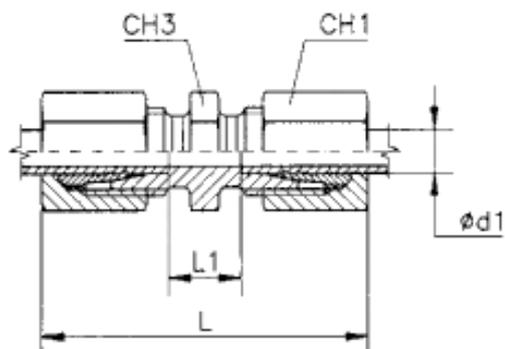
Nehrđajući čelik (Stainless steel)

Muška spojka i ženska s unutarnjim cijevnim navojem prema DIN ISO 228 i priloženom brtvom
Male and female part with internal pipe thread according to DIN ISO 228 and enclosed thread seal

| Internal thread | Working pressure, bar | Negative pressure, bar | Weight, kg |
|-----------------|-----------------------|------------------------|------------|
| G 2" | 16 | 0,8 | 0,32 |
| G 3" | 16 | 0,8 | 0,74 |
| G 4" | 16 | 0,8 | 1,25 |

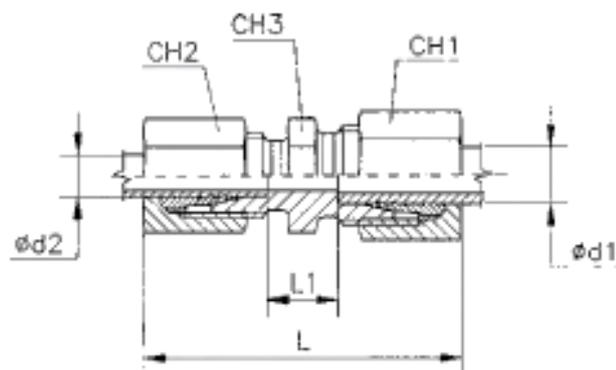
Ravne spojke (Straight couplings)

Dimenzije: na upit
Dimension: on inquiry



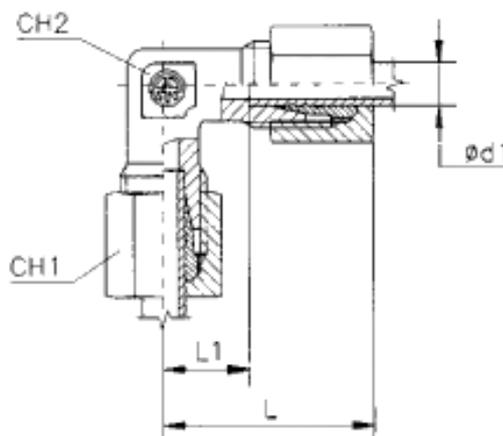
Ravne redukcije (Reduced straight couplings)

Dimenzije: na upit
Dimension: on inquiry



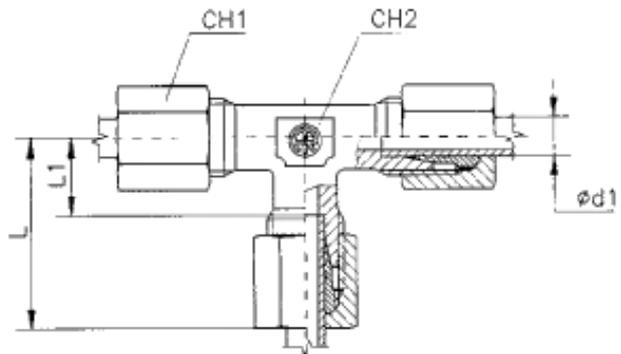
Kutne spojke (Equal elbows)

Dimenzije: na upit
Dimension: on inquiry



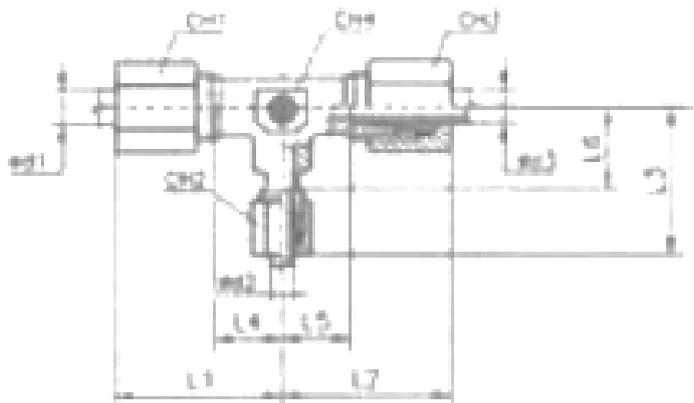
T - spojke (T – fittings equal)

Dimenzije: na upit
Dimension: on inquiry



T - redukcije (T – fittings reduced)

Dimenzije: na upit
Dimension: on inquiry



Rohrflex d.o.o.

Davorina Bazjanca 6, 35000 Slavonski Brod, Croatia

OIB (VAT): HR25888672001

Tel: +385 35 255 800

E-mail: info@rohrflex.hr

Director

Slavko Gavran, dipl. ing. str.

Tel: +385 98 439 188

E-mail: info@rohrflex.hr

Project manager

Vedran Gavran, mag. ing. mech.

Tel: +385 99 214 2711

E-mail: vedran.gavran@rohrflex.hr



HYDRA®

Xtraflex



SEMPERIT Ⓢ