









FORZA DUE



DIN EN 853 2SN / SAE 100R2AT / ISO 1436 – 10.1004.

High pressure, double steel braid reinforced hydraulic hose

| REFERENCE | # | DN | inch | SAE Dash |  |  |  | PSI |  | PSI |  |  |
|-----------|------------|------|--------|----------|---|---|--|------|---|-------|---|---|
| | | | | | mm | mm | MPa | | MPa | | mm | kg/m |
| 2SN-03 | 10.1004.03 | DN5 | 3/16" | -3 | 4,8 | 13,4 | 41.5 | 6100 | 165.0 | 24400 | 89 | 0,32 |
| 2SN-04 | 10.1004.04 | DN6 | 1/4" | -4 | 6,3 | 14,7 | 40.0 | 5800 | 160.0 | 23200 | 100 | 0,38 |
| 2SN-05 | 10.1004.05 | DN8 | 5/16" | -5 | 8,0 | 16,5 | 35.0 | 5100 | 140.0 | 20400 | 114 | 0,45 |
| 2SN-06 | 10.1004.06 | DN10 | 3/8" | -6 | 9,5 | 18,7 | 33.0 | 4800 | 132.0 | 19200 | 127 | 0,53 |
| 2SN-08 | 10.1004.08 | DN12 | 1/2" | -8 | 12,7 | 21,9 | 27.5 | 4000 | 110.0 | 16000 | 178 | 0,65 |
| 2SN-10 | 10.1004.10 | DN16 | 5/8" | -10 | 16,0 | 25,3 | 25.0 | 3700 | 100.0 | 14800 | 200 | 0,76 |
| 2SN-12 | 10.1004.12 | DN19 | 3/4" | -12 | 19,0 | 29,3 | 21.5 | 3200 | 86.0 | 12800 | 240 | 1,00 |
| 2SN-16 | 10.1004.16 | DN25 | 1" | -16 | 25,4 | 37,9 | 16.5 | 2400 | 65.0 | 9600 | 300 | 1,48 |
| 2SN-20 | 10.1004.20 | DN31 | 1.1/4" | -20 | 32,0 | 47,5 | 12.5 | 1900 | 50.0 | 7600 | 419 | 2,14 |
| 2SN-24 | 10.1004.24 | DN38 | 1.1/2" | -24 | 38,0 | 54,6 | 9.0 | 1400 | 36.0 | 5600 | 500 | 2,55 |
| 2SN-32 | 10.1004.32 | DN51 | 2" | -32 | 50,8 | 67,4 | 8.0 | 1200 | 32.0 | 4800 | 630 | 3,30 |
| 2SN-40 | 10.1004.40 | DN63 | 2.1/2" | -40 | 63,5 | 78,0 | 7.0 | 1100 | 28.0 | 4400 | 760 | 3,96 |
| 2SN-48 | 10.1004.48 | DN76 | 3" | -48 | 76,2 | 90,0 | 5.5 | 800 | 22.0 | 3200 | 900 | 4,96 |

INNER TUBE: seamless oil resistant synthetic rubber

REINFORCEMENT: 2 high tensile steel wire braids

OUTER TUBE: black wrapped, oil, weather and abrasion resistant synthetic rubber

SAFETY FACTOR: 4:1

APPLICATION: petroleum base hydraulic fluids

TEMPERATURE RANGE: -40°C (-40°F) +100°C (+212°F); Intermittent service: +120°C (+248°F) Max. temperature recommended for water base hydraulic fluids: +70°C (+158°F) Max. temperature recommended for air: +60°C (+140°F)

COUPLINGS: Balflex® 2-piece fittings serie 23 with 20 serie ferrules. Balflex® Multicrimp fittings serie BW23/BF21/P23

COVER: U.S. MSHA APPROVED

AVAILABLE VERSIONS: Smooth cover (Shark Skin) / High Temperature (Tropic) / Low Temperature (Arctic) / Tough Cover (Armourguard)

NOTES: - Size -48 (3") not included in the standards. Balflex® hydraulic hose DIN EN 853 2SN / SAE 100R2AT has a very superior working and burst pressure compared with only SAE 100R2AT

BALFLEX // FORZA DUE 2SN - DN5 - DIN EN 853 / SAE 100R2AT / ISO 1436 - 3/16" - WP ^{41.5MPa} _{6100PSI} - Flame Resistant - MSHA IC-252/00