



TRANSFER OIL

Pure Fluid Attitude



088 - 1SB - STEEL BRAID ANTIABRASION TWIN

Thermoplastic hose MSHA approved with steel reinforcement for hydraulic applications from 95 to 360 bar (1300 to 5200 psi)



FEATURES

Inner Tube

Polyester elastomer

Reinforcement

One braid of steel wire

Cover

Polyurethane - black - non pinpricked - laser branding

Applications

General hydraulic applications requiring additional mechanical protection: construction and agricultural equipment - agricultural brake systems - hoisting and handling equipments - industrial machines.

Features

Slimline construction for compact installation and flexibility - Lightweight - Steel braid offers low volumetric expansion and optimum change in length characteristics - Abrasion resistant.

Description

Meets or exceeds pressure specifications of UNI EN 853 1ST - EN 853 1SN and EN 857 1SC - High pressure hose suitable for petroleum synthetic or water based hydraulic fluids in hydraulic systems. Suitable for general fluid power transmissions like earthmoving - agricultural machinery - forklifts trucks and other high pressure equipment. Steel braid offers increased mechanical protection compared to yarn braided hoses. Approved by MSHA - Mine Safety and Health Administration - number IC-305.

Temperature Range

-40 °C to 100 °C (-40 °F to 212 °F): limited to 70 °C (158 °F) for air and water based fluids


Vacuum Rating

-0,93 bar; -700 mm Hg|-13,5 psi; -27,5 inch Hg

Specifications

SAE 100R1. Meets or exceeds pressure specification of EN 853 1SN and EN 857 1SC

Standard Branding

 **TRANSFER OIL** - TO HYDRAULIC - Part No - 1SB - STEEL BRAID ANTIABRASION TWIN - Inch Size - DN Size - WP bar / psi - MSHA IC-305 - MADE IN ITALY - www.transferoil.com - QQ/YY - Batch No

| Part no. | DN | Inches | Dash | ID (mm) | OD (mm) | WP (bar) | BP (bar) | ID (inch) | OD (inch) | WP (psi) | BP (psi) | SF | BR (mm) | BR (inch) | Weight (gr/m) | Weight (lb/ft) | Ferrule standard | Ferrule A316L |
|----------|------|--------|------|---------|---------|----------|----------|-----------|-----------|----------|----------|-----|---------|-----------|---------------|----------------|------------------|---------------|
| 0881 | DN5 | 3/16 | -3 | 5.0 | 9.7 | 360 | 1440 | 0.197 | 0.382 | 5200 | 20800 | 4:1 | 30 | 1.18 | 261 | 0.175 | SAB111 | SAB811 |
| 0882 | DN6 | 1/4 | -4 | 6.5 | 11.7 | 310 | 1240 | 0.256 | 0.461 | 4500 | 18000 | 4:1 | 40 | 1.57 | 333 | 0.224 | SAB121 | SAB821 |
| 0883 | DN8 | 5/16 | -5 | 8.1 | 13.2 | 250 | 1000 | 0.319 | 0.520 | 3600 | 14400 | 4:1 | 55 | 2.17 | 401 | 0.269 | SAB131 | SAB831 |
| 0884 | DN10 | 3/8 | -6 | 9.8 | 15.5 | 225 | 900 | 0.386 | 0.610 | 3200 | 12800 | 4:1 | 65 | 2.56 | 483 | 0.325 | SAB141 | SAB841 |
| 0885 | DN12 | 1/2 | -8 | 13.0 | 18.8 | 190 | 760 | 0.512 | 0.740 | 2700 | 10800 | 4:1 | 85 | 3.35 | 629 | 0.423 | SAB151 | SAB851 |
| 0886 | DN16 | 5/8 | -10 | 16.3 | 22.0 | 140 | 560 | 0.642 | 0.866 | 2000 | 8000 | 4:1 | 115 | 4.53 | 673 | 0.452 | SAB161 | SAB861 |
| 0887 | DN20 | 3/4 | -12 | 19.5 | 25.8 | 115 | 460 | 0.768 | 1.016 | 1600 | 6400 | 4:1 | 145 | 5.71 | 965 | 0.648 | SAB171 | SAB871 |
| 0888 | DN25 | 1 | -16 | 25.8 | 33.4 | 95 | 380 | 1.016 | 1.315 | 1300 | 5200 | 4:1 | 180 | 7.09 | 1315 | 0.884 | SAB181 | SAB881 |

Dimensions and values shown may be changed without prior notice to improve product performances and reliability.

Transfer Oil S.p.A. assumes no liability on mistakes nor errors appearing in this spec sheet.

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