



TRANSFER OIL

Pure Fluid Attitude



175 - R8 ANTIABRASION TWIN

Thermoplastic hose with MSHA approved cover, for high pressure hydraulic applications from 140 to 420 bar (2000 to 6000 psi)



FEATURES

Inner Tube

Polyester elastomer

Reinforcement

One braid of aramid fiber

Cover

Polyurethane - black - pinpricked - laser branding

Applications

Construction and agricultural equipment - Forklift trucks -
Articulating and telescopic booms - Aerial platforms - Safety and
rescue equipment - Scissor lifts - Jacking applications (DN6, S.F. 2:1)
- Cranes - General hydraulics - Industrial gases

Features

Aramid reinforcement for high pressure performance - Compact
and lightweight - Bonded construction - Abrasion resistant -
Extremely low change in length - Pinpricked cover

Description

Meets or exceeds SAE 100R8 - Compact high pressure hose suitable for hydraulic applications with increased resistance to abrasion and very low expansion - For use with petroleum or synthetic or water based hydraulic fluids in hydraulic systems - Suitable for general fluid power transmissions like earthmoving or agricultural machinery or forklifts trucks and other high pressure equipment - Also suitable for many industrial gases (check for compatibility) - Cover 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 100R8 // EN855-R8 // ISO3949-R8

Standard Branding

T TRANSFER OIL - TO HYDRAULIC - Part No - R8
ANTIABRASION TWIN- SAE 100R8-Dash Size - 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 |
|----------|------|--------|------|---------|---------|----------|----------|-----------|-----------|----------|----------|-----|---------|-----------|---------------|----------------|------------------|---------------|
| 1750 | DN4 | 1/8 | -2 | 4.0 | 8.0 | 420 | 1680 | 0.157 | 0.315 | 6000 | 24000 | 4:1 | 25 | 0.98 | 95 | 0.064 | SAB101 | SAB801 |
| 1751 | DN5 | 3/16 | -3 | 5.0 | 8.9 | 350 | 1400 | 0.197 | 0.350 | 5000 | 20000 | 4:1 | 30 | 1.18 | 109 | 0.073 | SAB111 | SAB811 |
| 1752 | DN6 | 1/4 | -4 | 6.5 | 11.5 | 350 | 1400 | 0.256 | 0.453 | 5000 | 20000 | 4:1 | 50 | 1.97 | 173 | 0.116 | SAB121 | SAB821 |
| 1753 | DN8 | 5/16 | -5 | 8.1 | 13.4 | 300 | 1200 | 0.319 | 0.528 | 4300 | 17200 | 4:1 | 55 | 2.17 | 217 | 0.146 | SAB131 | SAB831 |
| 1754 | DN10 | 3/8 | -6 | 9.7 | 15.5 | 280 | 1120 | 0.382 | 0.610 | 4000 | 16000 | 4:1 | 60 | 2.36 | 277 | 0.186 | SAB141 | SAB841 |
| 1755 | DN12 | 1/2 | -8 | 13.0 | 19.9 | 245 | 980 | 0.512 | 0.783 | 3500 | 14000 | 4:1 | 80 | 3.15 | 421 | 0.283 | SAB151 | SAB851 |
| 1756 | DN16 | 5/8 | -10 | 16.3 | 23.4 | 200 | 800 | 0.642 | 0.921 | 2900 | 11600 | 4:1 | 125 | 4.92 | 507 | 0.341 | SAB161 | SAB861 |
| 1757 | DN20 | 3/4 | -12 | 19.5 | 27.1 | 165 | 660 | 0.768 | 1.067 | 2300 | 9200 | 4:1 | 150 | 5.91 | 651 | 0.437 | SAB171 | SAB871 |
| 1758 | DN25 | 1 | -16 | 25.9 | 34 | 140 | 560 | 1.020 | 1.339 | 2000 | 8000 | 4:1 | 200 | 7.87 | 891 | 0.599 | SAB181 | SAB881 |

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