



# TRANSFER OIL

Pure Fluid Attitude



## 175 - R8 ANTIABRASION TWIN

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



### FEATURES

#### Inner Tube

Polyester elastomer

#### Reinforcement

One or two braids of aramid fiber

#### Cover

Polyurethane - black - pinpricked - white inkjet branding

#### Applications

Construction and agricultural equipment - Forklift trucks -  
Articulating and telescopic booms - Aerial platforms - Safety and  
rescue equipment - Scissor lifts - Cranes - General hydraulics -  
Industrial gases

#### Features

Aramid reinforcement for high pressure performance - Compact  
and lightweight - Bonded construction - Abrasion resistant -  
Extremely low change in length - Pin-pricked 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). 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



**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](http://www.transferoil.com) - 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    | 34.2    | 140      | 560      | 1.020     | 1.346     | 2000     | 8000     | 4:1 | 200     | 7.87      | 891           | 0.599          | SAB181           | SAB881        |

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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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