# TRANSFER OIL
Pure Fluid Attitude

# 126 - R8 NON CONDUCTIVE

Thermoplastic non-conductive hose for high pressure hydraulic applications from 140 to 350 bar (2000 to 5000 psi)




## FEATURES

### Inner Tube
Polyester elastomer

### Reinforcement
One braid of aramid fiber

### Cover
Polyurethane - orange - laser branding

### Applications
High voltage equipment - Safety and rescue equipment - Aerial platforms - Cranes - Bolt tensioning and jacking applications (DN6, S.F. 2:1) - Equipment requiring electrical high insulation

### Features
Aramid reinforcement for high pressure performance - Lightweight - Flexible - Compact - Bonded construction - Orange cover - Non pinpricked - Abrasion resistant

### Description
Meets or exceeds SAE 100R8 - High pressure hose suitable for petroleum or synthetic based hydraulic fluids used in hydraulic applications requiring electrical high insulation or non-conductivity in high tension environment e.g. near electrical power lines - 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 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

Hoses meet standards SAE J517/J343 and EN855 for non conductivity where maximum electrical leakage shall not exceed 50A when a 152 mm sample is subject to 37.5 KV for 5 minutes equivalent to 250 KV/meter.

### Standard Branding
TRANSFER OIL - TO HYDRAULIC - Part No - R8 NON CONDUCTIVE - 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1261 | DN5 | 3/16 | -3 | 5.0 | 8.9 | 350 | 1400 | 0.197 | 0.350 | 5000 | 20000 | 4:1 | 30 | 1.18 | 52 | 0.035 | SAB111 | SAB811 |
| 1262 | DN6 | 1/4 | -4 | 6.5 | 11.5 | 350 | 1400 | 0.256 | 0.453 | 5000 | 20000 | 4:1 | 50 | 1.97 | 84 | 0.056 | SAB121 | SAB821 |
| 1263 | DN8 | 5/16 | -5 | 8.1 | 13.4 | 300 | 1200 | 0.319 | 0.528 | 4300 | 17200 | 4:1 | 55 | 2.17 | 106 | 0.071 | SAB131 | SAB831 |
| 1264 | DN10 | 3/8 | -6 | 9.7 | 15.5 | 280 | 1120 | 0.382 | 0.610 | 4000 | 16000 | 4:1 | 60 | 2.36 | 136 | 0.091 | SAB141 | SAB841 |
| 1265 | DN12 | 1/2 | -8 | 13.0 | 19.9 | 245 | 980 | 0.512 | 0.783 | 3500 | 14000 | 4:1 | 80 | 3.15 | 208 | 0.140 | SAB151 | SAB851 |
| 1266 | DN16 | 5/8 | -10 | 16.3 | 23.4 | 200 | 800 | 0.642 | 0.921 | 2900 | 11600 | 4:1 | 125 | 4.92 | 251 | 0.169 | SAB161 | SAB861 |
| 1267 | DN20 | 3/4 | -12 | 19.5 | 27.1 | 165 | 660 | 0.768 | 1.067 | 2300 | 9200 | 4:1 | 150 | 5.91 | 324 | 0.218 | SAB171 | SAB871 |
| 1268 | DN25 | 1 | -16 | 25.9 | 34.0 | 140 | 560 | 1.020 | 1.339 | 2000 | 8000 | 4:1 | 200 | 7.87 | 443 | 0.298 | SAB181 | SAB881 |

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