



076 - R8 EXTRA TOUGH

Thermoplastic hose extremely wear resistant for hydraulic applications from 245 to 350 bar (3500 to 5000 psi)



FEATURES

Inner Tube

Polyester elastomer

Reinforcement

One braid of aramid fiber

Cover

Polyurethane - black - pinpricked - laser branding

Applications

Heavy duty construction and agricultural equipment - Rescue and safety equipment - High pressure systems and pumps - Bolt tensioning, jacking and rerailing equipment (DN6, S.F. 2:1) - Industrial gases

Features

Extremely wear and abrasion resistant - High flexibility - Increased cover thickness - Bonded construction - Limited change in length - Pinpricked cover

Description

Meets or exceeds SAE 100R8 - High pressure hose suitable for hydraulic applications requiring extreme wear and abrasion resistance - For use with petroleum synthetic or water based hydraulic fluids in hydraulic systems - Suitable for general fluid power transmissions like earthmoving agricultural machinery rescue and bolt tensioning tools and all applications where a hose must be protected against possible external damage - Also suitable for many industrial gases (check for compatibility).

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 EXTRA TOUGH - SAE 100R8 - Dash Size - Inch Size - DN Size - WP bar / psi - 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 |
|----------|------|--------|------|---------|---------|----------|----------|-----------|-----------|----------|----------|-----|---------|-----------|---------------|----------------|------------------|---------------|
| 0761 | DN5 | 3/16 | -3 | 5.0 | 9.6 | 350 | 1400 | 0.197 | 0.378 | 5000 | 20000 | 4:1 | 30 | 1.18 | 65 | 0.044 | SAB111 | SAB811 |
| 0762 | DN6 | 1/4 | -4 | 6.5 | 12.1 | 350 | 1400 | 0.256 | 0.476 | 5000 | 20000 | 4:1 | 50 | 1.97 | 98 | 0.066 | SAB121 | SAB821 |
| 0763 | DN8 | 5/16 | -5 | 8.1 | 14.0 | 300 | 1200 | 0.319 | 0.551 | 4300 | 17200 | 4:1 | 55 | 2.17 | 122 | 0.082 | SAB131 | SAB831 |
| 0764 | DN10 | 3/8 | -6 | 9.7 | 16.2 | 280 | 1120 | 0.382 | 0.638 | 4000 | 16000 | 4:1 | 60 | 2.36 | 158 | 0.106 | SAB141 | SAB841 |
| 0765 | DN12 | 1/2 | -8 | 13.0 | 20.9 | 245 | 980 | 0.512 | 0.823 | 3500 | 14000 | 4:1 | 80 | 3.15 | 249 | 0.167 | SA5151 | SA5851 |

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

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