



097 - R7 EXTRA TOUGH

Thermoplastic hose extremely wear resistant for hydraulic applications from 140 to 210 bar (2000 to 3000 psi)



FEATURES

Inner Tube

Polyester elastomer

Reinforcement

One or two braids of synthetic fiber

Cover

Polyurethane - black - pinpricked - laser branding

Applications

Heavy duty construction and agricultural equipment - Cranes - General hydraulics

Features

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

Description

Meets or exceeds SAE 100R7 - Medium pressure hose suitable for hydraulic applications requiring extreme wear and abrasion resistance - 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 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 100R7 // EN855-R7 // ISO3949-R7

Standard Branding

 **TRANSFER OIL** - TO HYDRAULIC - Part No - R7 EXTRA TOUGH - SAE 100R7-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 |
|----------|------|--------|------|---------|---------|----------|----------|-----------|-----------|----------|----------|-----|---------|-----------|---------------|----------------|------------------|---------------|
| 0971 | DN5 | 3/16 | -3 | 5.0 | 10.4 | 210 | 840 | 0.197 | 0.409 | 3000 | 12000 | 4:1 | 25 | 0.98 | 76 | 0.051 | SAB111 | SAB811 |
| 0972 | DN6 | 1/4 | -4 | 6.5 | 12.9 | 210 | 840 | 0.256 | 0.508 | 3000 | 12000 | 4:1 | 35 | 1.38 | 116 | 0.078 | SAB121 | SAB821 |
| 0974 | DN10 | 3/8 | -6 | 9.7 | 16.6 | 160 | 640 | 0.382 | 0.654 | 2300 | 9200 | 4:1 | 55 | 2.17 | 168 | 0.113 | SAB141 | SAB841 |
| 0975 | DN12 | 1/2 | -8 | 13.0 | 21.4 | 140 | 560 | 0.512 | 0.843 | 2000 | 8000 | 4:1 | 75 | 2.95 | 267 | 0.179 | SA5151 | SA5851 |

