



082 - 2SB - TWO STEEL BRAIDS ANTIABRASION TWIN

Thermoplastic hose with MSHA approved cover, with double steel reinforcement for high pressure hydraulic applications from 150 to 400 bar (2100 to 5800 psi)



FEATURES

Inner Tube

Polyester elastomer

Reinforcement

Two braids of steel wire

Cover

Polyurethane - black - non pinpricked - laser branding

Applications

General hydraulic applications requiring high mechanical protection properties of hose and braid combined with high pressure - construction equipment - hoisting and handling equipment - machine tools

Features

Rugged construction for heavy duty applications and prolonged lifetime - Two steel braid offers low volumetric expansion and optimum change in length characteristics - Abrasion resistant

Description

High pressure hose suitable for petroleum synthetic or water based hydraulic fluids in hydraulic systems. Suitable for general fluid power transmissions like earthmoving - forklifts trucks - HD construction machinery - hoisting and handling equipment - high pressure equipment. Two steel braid design offers very high mechanical strength which prolongs lifetime of the hose in harsh conditions. Cover approved by MSHA (Mine Safety and Health Administration) - number IC-305. Suitable for power chains

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

Meets or exceeds the pressure rating of SAE 100R2.

Standard Branding

 TRANSFER OIL - TO HYDRAULIC - Part No - 2SB - TWO STEEL BRAIDS ANTIABRASION TWIN - 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 |
|----------|------|--------|------|---------|---------|----------|----------|-----------|-----------|----------|----------|-----|---------|-----------|---------------|----------------|------------------|---------------|
| 0822 | DN6 | 1/4 | -4 | 6.4 | 12.8 | 400 | 1600 | 0.252 | 0.504 | 5800 | 23200 | 4:1 | 40 | 1.57 | 501 | 0.337 | SAC121 | SAC821 |
| 0823 | DN8 | 5/16 | -5 | 8.1 | 14.8 | 400 | 1600 | 0.319 | 0.583 | 5800 | 23200 | 4:1 | 50 | 1.97 | 629 | 0.423 | SAC131 | SAC831 |
| 0824 | DN10 | 3/8 | -6 | 9.8 | 16.8 | 330 | 1320 | 0.386 | 0.661 | 4700 | 18800 | 4:1 | 65 | 2.56 | 755 | 0.507 | SAC141 | SAC841 |
| 0825 | DN12 | 1/2 | -8 | 13.0 | 20.2 | 260 | 1040 | 0.512 | 0.795 | 3700 | 14800 | 4:1 | 85 | 3.35 | 953 | 0.640 | SAC151 | SAC851 |
| 0826 | DN16 | 5/8 | -10 | 16.3 | 23.7 | 220 | 880 | 0.642 | 0.933 | 3100 | 12400 | 4:1 | 115 | 4.53 | 1133 | 0.761 | SAC161 | SAC861 |
| 0827 | DN20 | 3/4 | -12 | 19.5 | 27.8 | 150 | 600 | 0.768 | 1.094 | 2100 | 8400 | 4:1 | 170 | 6.69 | 1439 | 0.967 | SAC171 | SAC871 |

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

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