



# TRANSFER OIL

Pure Fluid Attitude



## 168 - OFF SHORE MASTER 3k

Thermoplastic constant pressure hose MSHA approved for off-shore high pressure hydraulic applications up to 210 bar (3000 psi)



### FEATURES

#### Inner Tube

Polyamide PA11 Rilsan® BESNO P40 TLO

#### Reinforcement

Two braids of aramid fiber

#### Cover

Polyurethane - black - non pinpricked - laser branding

#### Applications

Marine and off-shore equipment - ROVs (remotely operated vehicles) - BOP valves - Methanol injection - Seismic air gun systems

#### Features

Aramid reinforcement for high pressure performance- Lightweight - Flexible - Compact - Bonded construction - Abrasion resistant cover

#### Description

High pressure hose suitable for petroleum synthetic or water based hydraulic fluids used in applications requiring increased resistance to seawater and saline environment. The size the pressure rating and special cover make this hose the optimal choice for off-shore equipment like ROVs (remotely operated vehicles) tethered underwater robots used in the off-shore industry. Specially designed hose can be manufactured upon request.

#### Temperature Range

-40 °C to 100 °C (-40 °F to 212 °F); limited to 70 °C ( 158 °F) and water based fluids

#### Vacuum Rating

-0,93 bar; -700 mm Hg|-13,5 psi; -27,5 inch Hg

#### Specifications

Hose manufactured to the applicable requirements of API 17E / ISO 13628-5

#### Standard Branding

**TRANSFER OIL** - TO HYDRAULIC - Part No - OFF SHORE MASTER 3k - 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 |
|----------|------|--------|------|---------|---------|----------|----------|-----------|-----------|----------|----------|-----|---------|-----------|---------------|----------------|------------------|---------------|
| 1687     | DN20 | 3/4    | -12  | 19.5    | 27.5    | 210      | 840      | 0.768     | 1.083     | 3000     | 12000    | 4:1 | 150     | 5.91      | 316           | 0.212          | SAL171           | SAL871        |
| 1688     | DN25 | 1      | -16  | 25.9    | 35.5    | 210      | 840      | 1.020     | 1.398     | 3000     | 12000    | 4:1 | 250     | 9.84      | 518           | 0.348          | SAL181           | SAL881        |

### AVAILABLE INSERTS

| Part | Dash | Inch | DN   | F-BSPP | F-DKOL | F-DKOS | F-JIC | F-NPSM | M-BSPP | M-BSPT | M-CES | M-NPT |
|------|------|------|------|--------|--------|--------|-------|--------|--------|--------|-------|-------|
| 1687 | -12  | 3/4  | DN20 | SOA    | SOF    | SOM    | SOH   | SOP    | SOB    | SOO    | SOL   | SOD   |
| 1688 | -16  | 1    | DN25 | SOA    | SOF    | SOM    | SOH   | SOP    | SOB    |        |       | SOD   |

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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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