



# TRANSFER OIL

Pure Fluid Attitude



## 048 - VHP AGGRESSIVE CHEMICALS

Thermoplastic conductive hose for very high pressure aggressive chemicals applications up to 700 bar (10000 psi)



### FEATURES

#### Inner Tube

Polyamide PA12

#### Reinforcement

One or two braids of aramid fiber plus one braid of steel wire

#### Cover

Polyurethane up to 1/2", Special Polyester for 5/8" and upwards - black - non pinpricked - laser branding

#### Applications

Very high pressure aggressive chemicals systems requiring very high mechanical strength of hose and/or electrical conductivity - Applications requiring high chemical resistance to solvents and aggressive fluids such as two parts polyurethane injection foams

#### Features

Polyamide type 12 tube construction - Combined reinforcement for high pressure requirements and increased mechanical properties increasing lifetime of the hose under very harsh working conditions - Black Cover -Conductive


#### Description

High pressure hose with black cover - Due to particularly low humidity absorption of the tube this hose is particularly indicated for two parts PU foams injection systems (isocyanate and polyols) and very aggressive chemicals applications with increased resistance to abrasion mechanical strength and providing electrical conductivity - Check compatibility list for overview of resistance to chemical substances and gases.

#### Temperature Range

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

#### Standard Branding

 **TRANSFER OIL** - TO INDUSTRIAL - Part No - VHP AGGRESSIVE CHEMICALS - 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 |
|----------|------|--------|------|---------|---------|----------|----------|-----------|-----------|----------|----------|-----|---------|-----------|---------------|----------------|------------------|---------------|
| 0482     | DN6  | 1/4    | -4   | 6.6     | 12.8    | 700      | 2800     | 0.260     | 0.504     | 10000    | 40000    | 4:1 | 35      | 1.38      | 177           | 0.119          | SAF121           | SAF821        |
| 0483     | DN8  | 5/16   | -5   | 8.1     | 16.4    | 700      | 2800     | 0.319     | 0.646     | 10000    | 40000    | 4:1 | 60      | 2.36      | 278           | 0.187          | SAF131           | SAF831        |
| 0484     | DN10 | 3/8    | -6   | 9.8     | 18.9    | 700      | 2800     | 0.386     | 0.744     | 10000    | 40000    | 4:1 | 90      | 3.54      | 322           | 0.216          | SAF141           | SAF841        |
| 0485     | DN12 | 1/2    | -8   | 13.0    | 23.2    | 590      | 2360     | 0.512     | 0.913     | 8500     | 34000    | 4:1 | 100     | 3.94      | 566           | 0.380          | SAF151           | SAF851        |
| 0486     | DN16 | 5/8    | -10  | 16.3    | 26.6    | 500      | 2000     | 0.642     | 1.047     | 7200     | 28800    | 4:1 | 160     | 6.30      | 574           | 0.386          | SAF161           | SAF861        |
| 0487     | DN20 | 3/4    | -12  | 19.5    | 30.5    | 450      | 1800     | 0.768     | 1.201     | 6500     | 26000    | 4:1 | 180     | 7.09      | 654           | 0.439          | SAF171           | SAF871        |
| 0488     | DN25 | 1      | -16  | 25.8    | 38.2    | 310      | 1240     | 1.016     | 1.504     | 4500     | 18000    | 4:1 | 250     | 9.84      | 897           | 0.603          | SAF181           | SAF881        |

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## AVAILABLE INSERTS

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| Part | Dash | Inch | DN   | F-BSPP | F-DKOL | F-DKOS | F-JIC | F-MET | F-NPSM | F-NPT | F-ORFS | F-TYPE | M-BSPP | M-BSPT | M-CEL | M-CES | M-MET | M-NPT |
|------|------|------|------|--------|--------|--------|-------|-------|--------|-------|--------|--------|--------|--------|-------|-------|-------|-------|
| 0482 | -4   | 1/4  | DN6  | SOA    | SOF    | SOM    | SOH   | SOV   | SOP    | SOC   |        | SOQ    | SOB    | SOO    | SOI   | SOL   | SOK   | SOD   |
| 0483 | -5   | 5/16 | DN8  | SOA    |        | SOM    |       |       |        |       |        |        | SOB    |        | SOI   | SOL   | SOK   | SOD   |
| 0484 | -6   | 3/8  | DN10 | SOA    | SOF    | SOM    | SOH   |       |        |       |        |        | SOB    |        | SOI   | SOL   |       | SOD   |
| 0485 | -8   | 1/2  | DN12 | SOA    | SOF    | SOM    | SOH   |       |        |       |        |        | SOB    |        | SOI   | SOL   |       | SOD   |
| 0486 | -10  | 5/8  | DN16 | SOA    | SOF    | SOM    |       |       |        |       |        |        | SOB    |        |       | SOL   |       |       |
| 0487 | -12  | 3/4  | DN20 | SOA    | SOF    | SOM    | SOH   |       |        |       | SOS    |        | SOB    |        | SOI   | SOL   |       | SOD   |
| 0488 | -16  | 1    | DN25 | SOA    | SOF    | SOM    | SOH   |       |        |       | SOS    |        | SOB    |        | SOI   | SOL   |       | 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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