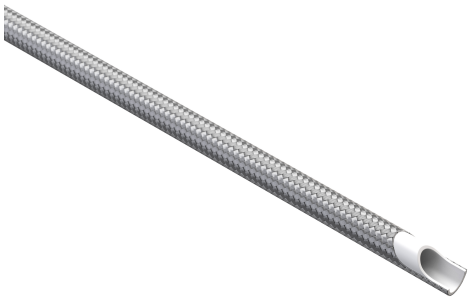
# TRANSFER OIL
Pure Fluid Attitude

# 030 - PTFE - 1SSB

PTFE hose for medium pressure from 75 up to 205 bar (from 1000 to 2900 psi)



## FEATURES

### Inner Tube

Polytetrafluoroethylene

**Reinforcement**

One braid of stainless AISI 304 wire

**Cover**

N/A

**Applications**

Aggressive chemicals transfer systems - Compressed air and gases - High or low temperature fluid or gas transfer

**Features**

Pure PTFE tube material: lightweight resistant to almost all chemicals gases and solvents - Stainless steel braid / cover to support medium pressure requirements - Hose comes in random length coils.

**Description**

Lightweight smoothbore hose for standard industrial use especially for high or low temperature and aggressive chemical applications: including some gases (there will be a level of gas permeation which should be taken into account) - Care should be taken to ensure proper fitting and ferrule compatibility, we recommend to contact our sales office for fittings selection - Hose not suitable for continuous hydraulic impulse applications - Above 130 °C (266 °F) there will be a reduction in maximum working pressure: reduce maximum working pressure by 1% for each 2 °C (3.6 °F) above 130 °C (266 °F) - Hose suitability must be checked when discharge of electrical static build up is required.

**Temperature Range**

-60 °C to +260 °C (-76 °F to +500 °F)

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0301 | DN5 | 3/16 | -3 | 4.9 | 7.8 | 205 | 820 | 0.193 | 0.307 | 2900 | 11600 | 4:1 | 35 | 1.38 | 83 | 0.056 | SAG111 | |
| 0302 | DN6 | 1/4 | -4 | 6.5 | 9.2 | 180 | 720 | 0.256 | 0.362 | 2600 | 10400 | 4:1 | 45 | 1.77 | 89 | 0.060 | SAG121 | |
| 0303 | DN8 | 5/16 | -5 | 8.0 | 11.0 | 170 | 680 | 0.315 | 0.433 | 2400 | 9600 | 4:1 | 50 | 1.97 | 110 | 0.074 | SAG131 | |
| 0304 | DN10 | 3/8 | -6 | 9.5 | 12.7 | 155 | 620 | 0.374 | 0.500 | 2200 | 8800 | 4:1 | 55 | 2.17 | 160 | 0.108 | SAG141 | |
| 0305 | DN12 | 1/2 | -8 | 12.8 | 16.1 | 120 | 480 | 0.504 | 0.634 | 1700 | 6800 | 4:1 | 70 | 2.76 | 188 | 0.126 | SAG151 | |
| 0306 | DN16 | 5/8 | -10 | 16.6 | 19.8 | 85 | 340 | 0.654 | 0.780 | 1200 | 4800 | 4:1 | 130 | 5.12 | 251 | 0.169 | SAG161 | |
| 0307 | DN20 | 3/4 | -12 | 19.8 | 23.0 | 75 | 300 | 0.780 | 0.906 | 1000 | 4000 | 4:1 | 190 | 7.48 | 291 | 0.196 | SAG171 | |
| 0308 | DN25 | 1 | -16 | 25.4 | 28.8 | 75 | 300 | 1.000 | 1.134 | 1000 | 4000 | 4:1 | 270 | 10.63 | 410 | 0.275 | SAG181 | |

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