SMAILE PLUSS™

DAN TEC

FLUOROPOLYMER HOSE

SP TECH

# FLUOROPOLYMER HOSE

**APPLICABLE STANDARDS:** BS EN13765:2010 Type 3 or 4*

**DNV Type Examination:** KR Type Approval

**Type 3 for temperature range:** -30°C to +100°C

**Type 4 for temperature range:** -30°C to +150°C*

International Maritime Organisation IBC Code (For marine applications) United States Coastguard Requirements (For marine applications)

**Maximum Working Pressure:** 14 BAR

**Vacuum Range:** 0.9 BAR

**Safety Factor:** 5:1 for heavy duty grades, 4:1 for standard duty grades (Burst Pressure: Working Pressure)

**Sizes:** 1” to 10” (25mm – 250mm)

**Standard Colour:** Blue

Used worldwide by many leading companies, these premium quality hoses are lined, as standard, with Ethylene Chloro Tri Fluoro Ethylene (ECTFE). This is a high tech fluropolymer very similar to Poly Tetra Fluoro Ethylene (PTFE) in its broad spectrum chemical resistance but with the advantage of high mechanical strength and low permeability. The inner and outer wires can be galvanised carbon steel or stainless steel 316. Hoses are reinforced with polypropylene or polyester depending on the required maximum working temperature. Typical applications are aggressive acids and those products which attack polypropylene. *The high temperature range Danflon SGA, Danflon SSA and Danflon GGA are for temperatures in excess of 100°C. Danflon heavy duty hoses are widely used for marine cargo hose because of their robust construction and wide chemical resistance. PTFE lined hoses are also available / DANFLON PTGG, SG & SS.

## DANFLON GG SG SS

| Bore Diameter | | Max.Working Pressure | | Bend Radius | | Weight | |
|---|---|---|---|---|---|---|---|
| inch | Mm | Bar | psi | inch | mm | kg/m | lb/ft |
| 1 | 25 | 14 | 200 | 4.0 | 100 | 0.8 | 0.5 |
| 1.5 | 38 | 14 | 200 | 5.5 | 140 | 1.2 | 0.8 |
| 2 | 50 | 14 | 200 | 7.0 | 180 | 1.9 | 1.3 |
| 2.5 | 65 | 14 | 200 | 8.0 | 205 | 2.5 | 1.7 |
| 3 | 75 | 14 | 200 | 11.0 | 280 | 3.0 | 2.0 |
| 4 | 100 | 14 | 200 | 15.5 | 395 | 5.2 | 3.5 |
| Heavy Duty | | | | | | | |
| 4 | 100 | 14 | 200 | 16.0 | 405 | 6.4 | 4.3 |
| 6 | 150 | 14 | 200 | 20.0 | 510 | 10.7 | 7.2 |
| 8 | 200 | 14 | 200 | 30.0 | 760 | 15.0 | 10.0 |
| 10 | 250 | 10.5 | 150 | 36.0 | 915 | 20.5 | 13.7 |

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NAHAD Composite Hose Listed Manufacturer