



# FLUOROPOLYMER HOSE

Danflon GG, SG, SS

## APPLICATIONS

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 fluoropolymer 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.



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"

Standard Colour:  
Blue



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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	
INS	MM	BARS	PSI	INS	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	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	10.0
10	250	10.5	150	36.0	915	20.5	13.7

