

Fluoropolymer Hose

Applicable Standards:

BS EN 13765

Type 3 for temperature range: -30°C to +80°C

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

BS5842:1980

International Maritime Organisation IBC Code

(For marine applications)

United States Coastguard Requirements

(For marine applications)

Maximum Working Pressure 14 kg/cm²

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.

Used worldwide by many leading companies, these premium quality hoses are lined, as standard, with **E**thylene **C**hloro **T**ri **F**luoro **E**thylene (ECTFE). This is a high tech fluoropolymer very similar to **P**oly **T**etra **F**luoro **E**thylene (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.

Where an economical fluoropolymer lined hose is required for light duties (such as road Tanker discharge), customers can consider our Danchem PTSG/SS range of hoses, which have a maximum working pressure of 10 Bar.

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

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