

FLUOROPOLYMER HOSE



Applicable Standards:

BS EN 13765

Temperature range: Type 3: -30°C to 100°C
Type 4: -30°C to 150°C

Formerly BS5842: 1980

International Maritime Organisation IBC Code
(For marine applications)

United States Coast Guard Requirements
(For marine applications)

Maximum Working Pressure: 14kg/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.

These hoses are lined, as standard, with **Ethylene Chloro Tri Fluoro Ethylene (ECTFE)**, 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.

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 SGA, SSA and GGA hoses are for temperatures in excess of 100°C.

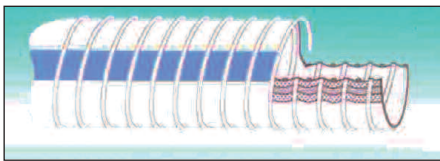
These heavy duty hoses are widely used for marine cargo hose because of their robust construction and wide chemical resistance.

Types GG, SG & SS

Bore Diameter		Max. Working Pressure		Bend Radius		Weight	
MM	IN	BARS	PSI	MM	IN	KG/M	LB/FT
Standard Duty							
25	1	14	200	100	4.0	0.8	0.5
38	1.5	14	200	140	5.5	1.2	0.8
50	2	14	200	180	7.0	1.9	1.3
65	2.5	14	200	205	8.0	2.5	1.7
75	3	14	200	280	11.0	3.0	2.0
100	4	14	200	395	15.5	5.2	3.5
Heavy Duty							
100	4	14	200	405	16.0	6.4	4.3
150	6	14	200	510	20.0	10.7	7.2
200	8	14	200	760	30.0	15.0	10.0
250	10	10.5	150	915	36.0	20.5	13.7

Maximum continuous length is 100' for all hoses except 1" (80') & 1.5" (82')

CRYOGENIC HOSE



Applicable Standards:

BS EN 13766

International Maritime Organisation IGC Code
(For marine applications)

United States Coast Guard Requirements
(For marine applications)

Temperature range:

PA SS 100: -104°C to 80°C (Suitable for LPG)

Maximum Working Pressure: 25kg/cm²

Safety Factor 5:1
(Burst Pressure: Working Pressure)

Sizes: 1" to 10" internal diameter

Standard Cover: White Polyamide

Maximum continuous length is 100' for all hoses except 1" (80') & 1.5" (82')

This range of high quality composite hoses is manufactured from multiple layers of polymers with excellent resistance to the low temperatures required for transfer of liquid gases such as Liquefied Petroleum Gas (LPG), carbon dioxide, ammonia or ethylene. The inner wire helix is stainless steel 316. The outer wire helix can be galvanised steel or stainless steel 316.

The PA Series hoses are constructed to exactly match users' requirements by making use of the excellent low temperature flexibility and strength of polymers such as polyester, polyamide, **Ultra High Molecular Weight PolyEthylene (UHMWPE)** and polyurethane.

Types PA SS 100

Bore Diameter		Max. Working Pressure		Bend Radius		Weight	
MM	IN	BARS	PSI	MM	IN	KG/M	LB/FT
25	1	25	360	100	4	1	0.7
38	1.5	25	360	140	5.5	1.5	1.0
50	2	25	360	180	7	2.5	1.7
65	2.5	25	360	205	8	3.3	2.2
75	3	25	360	280	11	4.5	3.0
100	4	25	360	395	15.5	7.5	5.0
150	6	21	305	510	20	13.5	9.0
200	8	21	305	760	30	18.5	12.4
250	10	15	220	915	36	25	17.4

Accord is a master fabricator & distributor for Dantec Ltd's Superflex, Danoil, Danchem & Danflon composite hose.

4380 South Wayside
Suite 100
Houston, TX 77087

"Se Habla Español"



P: 713-641-2288 • F: 713-641-3636
Toll Free: 800-532-2672
sales@accordintl.com
ventas@accordintl.com
www.accordintl.com