

GENERAL PURPOSE CHEMICAL HOSE

Danchem PG, PS, SG, SS

APPLICATIONS

This range of high quality composite hoses is manufactured from multiple layers of polypropylene fabrics and films. The inner wire helix can be polypropylene coated carbon steel or stainless steel 316. The outer wire helix can be galvanised steel or stainless steel 316.

APPLICABLE STANDARDS

BS EN13765:2010 Type 3

DNV Type Examination:

KR Type Approval

International Maritime Organisation

IBC Code (For marine applications)

United States Coastguard

Requirements (For marine applications)

Temperature Range:

-30°C to +100°C

Maximum Working Pressure:

14 BAR

Vacuum Range:

0.9 BAR

Safety Factor:

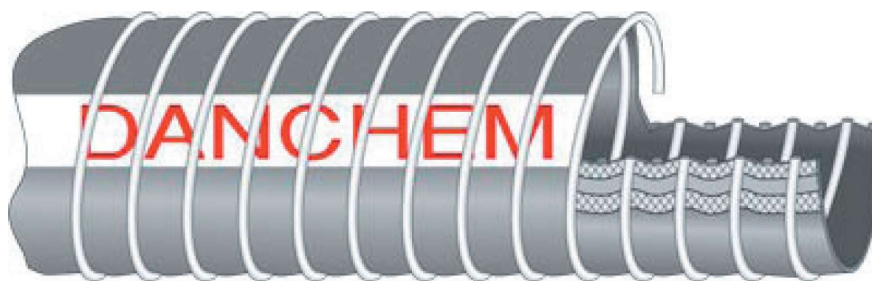
5:1 for heavy duty grades, 4:1 for other types (Burst to working pressure)

Sizes:

1" to 10" internal diameter

Standard Colour:

Grey



Danchem hoses make use of the wide chemical resistance range of polypropylene to produce a hose suitable for the majority of chemical and oil products at an economical price.

Some typical applications are in plant transfer of liquid chemicals, vegetable and mineral oils and loading and unloading of these products to and from, road tankers, rail tankers and marine tanker ships.

For those products which are chemically incompatible with polypropylene or outside of the temperature range indicated Dantec have several alternatives available.

If in doubt please consult Dantec's technical staff who will be pleased to advise.

DANCHEM PG PS 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