



DANFLON SS STANDARD FLUOROPOLYMER CHEMICAL suction and discharge composite hoses

APPLICABLE STANDARDS:

BS EN 13765:2010 Type 3 or 4;

DNV Type Examination: KR Type Approval; **Type 3:** -30°C to +100°C; **Type 4:** -30°C to +150°C;

International Maritime Organisation IBC Code (For marine applications);

United States Coastguard Requirements (For marine 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 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 is **DANFLON SSA** for temperatures in excess of **100°C**. **PTFE** lined hoses are also available / **DANFLON PTSS**. Designed for suction and discharge of the most aggressive chemicals and searching solvents and is generally used where the chemical resistance of polypropylene is inadequate. Colour: **Blue**.

Can be used to convey certain liquid food products. This hose conforms to **BSEN13765:2010**.

DANFLON SS	1"	1½"	2"	2½"	3"	4"
Standard:	BSEN13765:2010					
Bore Diameter, mm:	25	38	50	65	75	100
Type:	3	3	3	3	3	3
Max Working Pressure, Bar:	14	14	14	14	14	14
Bend Radius, mm:	100	140	180	205	280	395
Hose Weight Kg/m:	0.8	1.2	1.9	2.5	3.0	5.2
Inner Wire Helix:	316 Stainless Steel		316 Stainless Steel		316 Stainless Steel	
Outer Wire Helix:	316 Stainless Steel		316 Stainless Steel		316 Stainless Steel	
Lining:	ECTFE	ECTFE	ECTFE	ECTFE	ECTFE	ECTFE
Reinforcement:	Polyester Fabrics		Polyester Fabrics		Polyester Fabrics	
Cover Material:	PVC Coated Polyester Cloth		PVC Coated Polyester Cloth		PVC Coated Polyester Cloth	
Temperature Range, °C:	-30 to +100	-30 to +100	-30 to +100°C	-30 to +100	-30 to +100	-30 to +100
Safety Factor:	4:1	4:1	4:1	4:1	4:1	4:1
Max Coil Length, m:	25	25	25	25	30	30
Vacuum Listing, Bar:	0.9	0.9	0.9	0.9	0.9	0.9

