

DOLPHINFLEX GREEN COMPOSITE HOSE

APPLICATION

This high quality Dolphinflex® Green hoses are used for suction and discharge of various chemicals which do not affect the polypropylene lining and the stainless steel 316 inner wires.

Ship to shore, Tank truck, Railcar, Petrochemical plant, Loading & unloading of chemical cargoes



CONSTRUCTION

Inner wire	Stainless steel 316
Outer cover	Polyester PVC coated Green color
Lining	Polypropylene fabrics
Outer wire	Stainless steel 316



CHARACTERISTIC

Max. elongation	10% on proof pressure
Min. burst pressure	5x working pressure (Safety factor 5:1)
Temperature range	-30°C to +80°C
Electrical resistance	≤ 2.5 Ohm/m for under 50mm (2") ≤ 1.0 Ohm/m for over 50mm (2")

REGULATION

EN13765 : 2010 (Thermoplastic multi-layer (non-vulcanized) hoses and hose assemblies for the transfer of hydrocarbons, solvents and chemicals. Specification)

SPECIFICATION

BORE DIAMETER		MAX. WORKING PRESSURE		BEND RADIUS		MAX. WEIGHT		MAX. LENGTH	
INCH	MM	BAR	PSI	INCH	MM	KG/M	LBS/FT	M	FT
1	25	10.5	150	7.9	200	1.4	0.93	21	69
1.5	40	10.5	150	7.9	200	1.6	1.07	21	69
2	50	10.5	150	8.9	225	3	2	25	82
2.5	65	10.5	150	8.9	225	3	2	25	82
3	80	14	200	14.0	350	5.2	3.47	30	98
4	100	14	200	16.0	400	7.8	5.2	30	98
5	125	14	200	23.0	575	10	6.67	30	98
6	150	14	200	23.0	575	12	8	30	98
8	200	14	200	31.5	800	18.5	12.3	30	98
10	250	10.5	150	39.5	1000	23.5	15.67	25	82
12	300	10.5	150	47.5	1200	30	20	15	49