

DOLPHINFLEX YELLOW COMPOSITE HOSE

APPLICATION

This high quality Dolphinflex® yellow hoses are used for hydrocarbon Vapor recovery transfer on tank truck lorry station, ship, barges and rail tanker operations.

Ship to shore, Vapor recovery, Inert gas system (I.G. filling, Water ballast tank)



CONSTRUCTION

Inner wire	Stainless steel 316 / Galvanized steel
Outer cover	Polyester PVC coated Yellow color
Lining	Polypropylene fabrics
Outer wire	Stainless steel 316 / Galvanized steel



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	7.0	100	7.9	200	1.4	0.93	21	69
1.5	40	7.0	100	7.9	200	1.5	1	21	69
2	50	7.0	100	8.9	225	2	1.33	25	82
2.5	65	7.0	100	8.9	225	3.5	2.33	25	82
3	80	7.0	100	14.0	350	4.8	3.2	30	98
4	100	7.0	100	16.0	400	5.3	3.53	30	98
5	125	7.0	100	23.0	575	8	5.33	30	98
6	150	7.0	100	23.0	575	9	6	30	98
8	200	7.0	100	31.5	800	12	8	30	98
10	250	7.0	100	39.5	1000	12.5	8.33	25	82
12	300	7.0	100	47.5	1200	26	17.33	15	49