

# DOLPHINFLEX BLUE COMPOSITE HOSE

## APPLICATION

This high quality Dolphinflex® Blue hoses are used for suction and discharge of hydrocarbons, oils, solvents, diesel, lubricating oils, paraffin.

*Ship to shore, Tank truck, Railcar, Petrochemical plant, Loading and unloading for oil products*

## CONSTRUCTION

Inner wire	Stainless steel 316 / Galvanized steel
Outer cover	Polyester PVC coated Blue 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	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

