

DOLPHINFLEX LPG COMPOSITE HOSE

APPLICATION

This high quality Dolphinflex® L.P.G hoses are used for transfer of Ammonia, Acetaldehyde, Butane Butadiene, propane, Butylene, Dimethylamine, Ethylamine, Ethyl Chloride, Methyl Acetylene, Methyl Bromide propane, Propylene Propadiene, Vinyl Chloride, Refrigerant Gases. Liquid Ethane at -88°C, Ethylene at -105°C.



CONSTRUCTION

Inner wire	Stainless steel 316
Outer cover	Polyamide White color
Lining	Polyamide 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	-50°C to +50°C / -105°C to +50°C (For liquid ethylene)
Electrical resistance	≤ 2.5 Ohm/m for under 50mm (2") ≤ 1.0 Ohm/m for over 50mm (2")

REGULATION

EN13766 : 2010 (Thermoplastic multilayer (non-vulcanized) hoses and hose assemblies for the transfer of liquid petroleum gas and liquefied natural gas. 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	21	319	5.9	150	0.9	0.6	21	69
1.5	40	21	319	7.9	200	1.5	1	21	69
2	50	21	319	7.9	200	2.3	1.53	25	82
2.5	65	21	319	7.9	200	4	2.67	25	82
3	80	21	319	10	250	5.4	3.6	30	98
4	100	21	319	20	500	6.7	4.47	30	98
5	125	21	319	22	550	10	6.67	30	98
6	150	21	319	26	660	15	10	30	98
8	200	21	319	36	910	20.1	13.4	30	98
10	250	10.5	150	59	1500	30.4	20.27	25	82
12	300	10.5	150	100	2500	35.4	23.6	15	49