COMPOTEC®

Size		Maximum W.P.		Safety Factor	Bend Radius EN ISO 1746		Weight	Maximum Length	
mm	Inch	Bar	P.S.I.		mm	Inch	Kg. / mt	Mt.	Feet
20	3/4"	15	200	5:1	75	3	0,63	40	132
25	1"	15	200	5:1	100	4	0,77	40	132
32	1 1/4"	15	200	5:1	125	5	1,05	40	132
40	1 1/2"	15	200	5:1	140	5 1/2	1,33	40	132
50	2"	15	200	5:1	180	7	2,04	40	132
65	2 1/2"	15	200	5:1	220	8,5	2,75	40	132
75/80	3"	15	200	5:1	280	11	3,15	40	132
100	4"	15	200	5:1	400	16	4,74	40	132
150	6"	15	200	5:1	550	22	10,50	40	132
200	8"	15	200	5:1	800	32	12,85	40	132
250	10"	15	200	5:1	1000	40	20,96	25	82
300	12"	15	200	5:1	1200	48	31,69	25	82

The superior chemically inert quality of Fluoropolymers, make **COMPOTEC® PTFE** hoses ideals for the transfer of a wide range of very hazardous chemicals. This universal hose can help eliminate the costly redundancy of inventory to maintain the various hose constructions usually required. **COMPOTEC® PTFE** assemblies are fitted with an extensive range of couplings that can also be PTFE tafted or treated with the exclusive **EPTAFLON BLUE** coating, resistant to almost all chemicals. **COMPOTEC® PTFE** hoses can be supplied in the **FIRETEC** version with ADR self-estinguish CL1 cover.

Electrical continuity is achieved by the two wires bonded to the end fittings, this helps dissipate accumulated charge and to avoid static flash. The electric resistance of hose assemblies is less than 1 ohm/mt, as required by EN ISO 8031:2009 - 4.7. Upon request it's possibile to manufacture **COMPOTEC® PTFE** hoses in accordance to the Directive 94/9/EC **"ATEX"**, with a special outer antistatic black cover.
All **COMPOTEC® PTFE** hoses are 100% Antistatic - Electrically continuous, meets the PED, EN, CE, AS, U.S. Coast Guard requirements, NAHAD Guidelines, are Lloyds and DNV approved and ATEX certificate can be released on request.

PTFE 300 HD

Applications: **PTFE 300 HD**, Heavy Duty construction for aggressive chemicals Suction & Delivery. Used for Ship to Shore and Ship to Ship, Dockside and in general for the most arduous Industrial and Marine applications.

Construction: **COMPOTEC® PTFE 300 HD** is a multi-layer thermoplastic hose designed to resist to the most aggressive chemicals. Includes in the construction an FEP tubular extruded film to avoid any possible leak and guarantee a gas-tight construction. All the different layers are wrapped together and tensioned between internal and external wire spirals.

PTFE SD - STANDARD DUTY

Applications : General purpose Standard Duty hose suitable for the safe transfer of a wide variety of Chemicals under suction or pressure where the chemical resistance of polypropylene is inadequate. Commonly used for loading and unloading of road and rail tankers, storage tank and in-plant applications.

Construction: Inner first layer in contact with the fluid is made with **ECTFE** films. High strength polypropylene films and fabrics, high density polyethylene films reinforcement, Polivinyl coated polyester fabric cover, fire resistant, abrasion, weather and ozone resistant. **PTFE SD**, the Standard Duty hose has a WP of 10 Bar and a W.T. from -30 to +80°C

Size		Maximum W.P.		Safety Factor	Bend Radius EN ISO 1746		Weight	Maximum Length	
mm	Inch	Bar	P.S.I.		mm	Inch	Kg. / mt	Mt.	Feet
40	1 1/2"	10	150	5:1	100	4	1,04	40	132
50	2"	10	150	5:1	150	6	1,56	40	132
65	2 1/2"	10	150	5:1	200	8	1,87	40	132
75/80	3"	10	150	5:1	250	10	2,23	40	132
100	4"	10	150	5:1	300	12	3,62	40	132
150	6"	10	150	5:1	500	20	8,91	40	132
200	8"	10	150	5:1	740	29	11,16	40	132

Code	PTFE SD XZ	PTFE SD XX
Applications	Standard Duty aggressive chemical liquid transfer	
Colour	Red	
Temperature	-30 +80°C	
Inner wire	Stainless Steel	Stainless Steel
Outer wire	Galvanized Steel	Stainless Steel