

Composite Hose - Chemical

Composite Hose - 900HD PTFE

Part No.: CH-PTFE900

Colour: Purple / Yellow Stripe

Inner Wire: PVDF Coated Stainless Steel

Lining: White PVDF high wall thickness

Cover: FEP seamless tubular extruded film

Reinforcement: Polyester Fabrics

Outer Wire: Stainless Steel

Crimping: Swagged or Wire Whipped

Size Available: 3/4" - 12"

Temperature: -40°C +125°C

Low | Med | High

Flexibility   

Cycle Life   

Pressure Rating   

Chemical Resistance   

Wall Thickness   

Construction

Use:

Designed for very aggressive chemicals. It is used in such applications as transfer of all the Chlorine derivates, Hydrochloric acid, Nitric and Sulphuric acid. Heavy Duty construction, can be used in general for the most arduous Industrial and Marine applications.



Applicable Standards

EN 13765:2010 TYPE 3, EN ISO 1746

Specifications

Part Number	Nominal Dia.		Max. Working Pressure		Max. Burst Pressure		Min. Bend Radius	Weight Per Mtr
	Inches	I.D (mm)	kPa	psi	kPa	psi	mm	kg.
CH-PTFE900HD-20	3/4"	20	2000	300	10000	1500	75	0.63
CH-PTFE900HD-25	1"	25	2000	300	10000	1500	100	0.77
CH-PTFE900HD-32	1 1/4"	32	2000	300	10000	1500	125	1.05
CH-PTFE900HD-40	1 1/2"	40	2000	300	10000	1500	140	1.33
CH-PTFE900HD-50	2"	50	2000	300	10000	1500	180	2.04
CH-PTFE900HD-65	2 1/2"	65	2000	300	10000	1500	220	2.75
CH-PTFE900HD-80	3"	75	2000	300	10000	1500	180	3.15
CH-PTFE900HD-100	4"	100	2000	300	10000	1500	400	4.74
CH-PTFE900HD-150	6"	150	2000	300	10000	1500	574	10.00
CH-PTFE900HD-200	8"	200	2000	300	10000	1500	800	12.85
CH-PTFE900HD-250	10"	250	2000	300	10000	1500	1000	20.85
CH-PTFE900HD-300	12"	300	2000	300	10000	1500	1200	31.69

Safety Factor: 5:1 Standard Duty. (Burst Pressure: Working Pressure)

Applications

