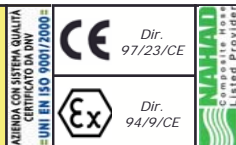


# CHEMCHLOR 900



## COMPOTEC®

COLOUR	Yellow	
WIRES	Inner: Antistatic PVDF coated Stainless Steel wire (F) Stainless Steel wire (X) - Titanium wire (T)	
	Outer: Stainless steel (X) - PP coated Steel wire (P)	
	The version <b>CHEMCHLOR TITANIUM</b> is supplied with Titanium inner wire	
CONSTRUCTION	COMPOTEC® CHEMCHLOR 900 is a multi-layer thermoplastic hose manufactured around several PTFE liners and supported by unique extra resistant inner wires: PVDF coated Stainless or Titanium for maximum safety. A weather-proof and abrasion resistant outer cover made of Polymeric coated Polyester fabric is supplied as a standard. Outer cover is also available in a special PU coated fabric for a superior UV, Ozone, Sunlight, weather and abrasion resistance. COMPOTEC® CHEMCHLOR 900 includes in the construction an FEP tubular extruded film and extra Mylar® polyester films 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. This enables our product to meet the special requirement of the chemical industry.	

### CHARACTERISTICS AND APPLICATIONS

COMPOTEC® CHEMCHLOR 900 is manufactured according to the requirement specified by the European Standards EN 13765:2003 Type 3 (BS 5842:1980), and in accordance with the recommendations of NAHAD Guidelines (NAHAD 600/2005).

Extremely flexible, easy to handle and bend, **COMPOTEC® CHEMCHLOR 900** is a specific hose designed for the transfer of very aggressive chemicals under suction or pressure. It is used in such applications as transfer of all the Chlorine derivatives, Hydrochloric acids, Nitric and Sulphuric acid. All hoses are 100% aromatic resistant, antistatic and can be used for suction or discharge. Vacuum rating is 0,9 bar, according to the EN ISO 7233 method B. COMPOTEC® CHEMCHLOR 900 assemblies are fitted with an extensive range of couplings in various materials, including PTFE or EBANITE tafted fittings, or non metallic fittings ( PTFE or Composite Fiberglass/Resin materials), readily available, externally swaged with Stainless Steel ferrules.

### SAFETY

COMPOTEC® CHEMCHLOR 900 assemblies are tested at 1 ½ times rated working pressures for safety and reliability, in accordance with BS 5842:1980 clause 6.4 (EN ISO 1402). The securing ferrule, at one end of the hose, is permanently marked by embossing, with manufacturer's name, nominal bore, serial number and the test date . Full test certification can be supplied on request.

Burst pressure indicated, is at ambient temperature when tested in accordance with BS 5173 section 102.10:1990. (EN ISO 1402)

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 10 ohms, as required by BS 5842:1980 clause 6.2 (EN ISO 8031). Upon request it's possible to manufacture CHEMCHLOR hoses in accordance to the Directive 94/9/EC "ATEX", with a special outer antistatic black cover.

TEMPERATURE RANGE		- 40 °C + 100° C									
HOSE MARKING		COMPOTEC® - CHEMCHLOR 900 - EN 13765 TYPE 3 – PN 15 – 100°C – PTFE – Quarter/year of hose manufacture									
Size		Maximum W.P.		Min. Burst (EN ISO 1402)		Bend Radius (EN ISO 1746)		Weight		Maximum Length	
mm	Inch	Bar	P.S.I.	Bar	P.S.I.	mm.	Inch	Kg / mt.	Lb/Ft	Mt	Feet
20	¾"	15	200	75	1000	50	2	0,8	0.5	35	120
25	1"	15	200	75	1000	75	3	0,9	0.6	35	120
32	1 ¼"	15	200	75	1000	80	3	1,0	0.7	35	120
40	1 ½"	15	200	75	1000	85	3 ½	1,4	0.9	35	120
50	2"	15	200	75	1000	125	5	2,0	1.4	35	120
65	2 ½"	15	200	75	1000	150	6	3,2	2.1	35	120
75	3"	15	200	75	1000	175	7	3,6	2.4	35	120
80	3 ⅝"	15	200	75	1000	180	7	3,8	2.5	35	120
100	4"	15	200	75	1000	250	10	5,0	3.3	35	120
150	6"	15	200	75	1000	500	20	11,5	7.7	20	65
200	8"	15	200	75	1000	700	28	18,0	12.0	20	65
250	10"	12	170	60	850	900	35	25.3	16.9	12	40

- All hoses are available in an assortment of colours and it is possible, on request, and with a minimum purchase order, to add a "customer labelling" or "product labelling" to the outside wall
- Burst pressure indicated is at ambient temperature. Maximum temperature rating can only be maintained when working within limits of working pressure
- Each hose assembly is permanently marked on the ferrule at one end according to EN 13765:2003 clause 10.1 – 10.2