DRAINTEC

COMPOTEC®

COLOUR	White
WIRES	304 Stainless steel internal wire (X) or Galvanised (Z)
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	Also available with antistatic PP coated Steel wires (P)
CONSTRUCTION	COMPOTEC® DRAINTEC is a multi-layer thermoplastic hose manufactured from Polypropylene, Polyethylene and Polyester films and Polypropylene fabrics, with an outer cover specifically engineered to withstand at the full immersion in aggressive fluids. COMPOTEC® DRAINTEC includes in the construction an High Density PLT tubular extruded film to avoid any possible leak both, from inside to outside, as well as from the outside to the inside of the hose. All the different layers are wrapped together and tensioned between internal and external wire spirals.

CHARACTERISTICS AND APPLICATIONS

COMPOTEC® DRAINTEC 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® DRAINTEC hose is used for immersion inside storage tanks, for water drainage from the floating roofs.** COMPOTEC® DRAINTEC hoses are specifically designed to resist immersion in high aromatic or corrosive liquids with a temperature range from -40 to +100°C and, thanks to its construction, prevent any possible collapse due to the external pressure. The hose is specifically engineered to have a negative buoyancy, this to prevent the hose floating in the tank liquid. Upon request it is possible to apply a longitudinal coloured stripe on each hose, to ensure correct alignment. Clamps and chains for roof attachment are supplied on request. All hoses are 100% aromatic resistant, electrically continuous, antistatic and can be used for suction or discharge.
COMPOTEC® DRAINTEC are used in full length, as complete system for water drainage, or in many cases, thanks to the great flexibility, it is used as well in short lengths, as a rotating bend on elbow connection for "pantograph" systems.
COMPOTEC® DRAINTEC assemblies are fitted with an extensive range of couplings readily available, externally swaged with Stainless Steel ferrules and Viton® seals.

SAFETY

COMPOTEC® DRAINTEC 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 possibile to manufacture DRAINTEC hoses in accordance to the Directive 94/9/EC "ATEX", with a special outer antistatic black cover.

TEMPER. RANGE	- 40 °C + 100° C

Size		**Maximum W.P.**		**Min. Burst (EN ISO 1402)**		**Bend Radius (EN ISO 1746)**		**Weight**		**Maximum Lenght**	
mm	Inch	Bar	P.S.I.	Bar	P.S.I.	mm.	Inch	Kg / mt.	Lb/Ft	Mt	Feet
40	1 ½"	15	200	75	1000	85	3 ½	1,2	0.8	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	2,8	1.9	35	120
75	3"	15	200	75	1000	175	7	3,5	2.4	35	120
100	4"	15	200	75	1000	250	10	4,3	3	35	120
150	6"	15	200	75	1000	500	20	15,3	10.23	20	65
200	8"	15	200	75	1000	700	28	22,5	15.05	20	65
250	10"	12	170	60	850	900	35	31,0	20.73	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