

EXILITE

COMPOTEC®

COLOUR	Orange or Black
WIRES	EXILITE PP : Black Antistatic PP coated Aluminium internal and external
	EXILITE AP : Aluminium internal wire, and Black Antistatic coated Aluminium
	EXILITE PA : Black Antistatic PP coated Aluminium internal wire, Aluminium
CONSTRUCTION	<p>COMPOTEC® EXILITE is a new revolutionary multi-layer thermoplastic hose manufactured around multiple wraps of chemical resistant films and fabrics, including an extruded seamless UHMW PLT tubular to eliminate potential leaks. Outer cover is made in a special abrasion resistant coated fabric for a superior UV, Ozone, Sunlight and weather resistance.</p> <p>All the different layers of COMPOTEC® EXILITE are wrapped together and tensioned between internal and external wire spirals. The external wire reinforcement is made in highly resistant armoured plastic wire in big diameter.</p>



CHARACTERISTICS AND APPLICATIONS

COMPOTEC® EXILITE is manufactured according to the requirement specified by the European Standards EN 13765:2003 Type 1 (BS 5842:1980), and in accordance with the recommendations of NAHAD Guidelines (NAHAD 600/2005). This special construction gives extreme protection against the abrasion of the outside wall of the hose, and avoid any possible damage to the body truck's paint.

Extremely flexible, lightweight and easy to handle and bend, **COMPOTEC® EXILITE is a hose designed for the transfer of Fuels, chemicals, or Hydrocarbon products, under suction or pressure, where a super-light hose, combined with a real effective abrasion resistant outer cover is required.** The EXILITE type PA, has been specifically designed to transfer the new Ethanol based fuel propeller, and for the vapour suction recovery. COMPOTEC® EXILITE assemblies are fitted with an extensive range of couplings readily available, externally swaged with Aluminium or

SAFETY

COMPOTEC® EXILITE 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

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. Upon request it's possible to manufacture EXILITE hoses in accordance to the Directive 94/9/EC "ATEX", with a special outer antistatic black cover. COMPOTEC® EXILITE hose can be supplied, on request, in the **FIRETEC** version, with an outer cover made of special ADR self extinguish CL 2 coated fabric.

TEMPERATURE RANGE	- 20 °C + 60° C
HOSE MARKING	COMPOTEC® - EXILITE - EN 13765 TYPE 1 – PN 6 – 60°C – PP – Quarter/year of hose manufacture

Size		Maximum W.P.	Proof pressure	Min. Burst (EN ISO 1402)	Vacuum rating	Bend Radius (EN ISO 1746)	Weight Kg / mt		Maximum Length
mm	Inch	Bar	Bar	Bar	Bar	mm	PP	AP/PA	Mt
40	1 ½"	6	9	24	0,5	80	1,10	0,94	35
50	2"	6	9	24	0,5	100	1,30	1,16	35
65	2 ½"	6	9	24	0,5	130	1,55	1,43	35
75	3"	6	9	24	0,5	160	1,71	1,50	35
80	3 5/32"	6	9	24	0,5	180	1,78	1,58	35
100	4"	6	9	24	0,5	250	1,80	1,72	35

COMPOTEC® EXILITE hoses, according to the EN 13765:2003, is classified "TYPE 2" and are suitable for carrying gasoline, Kerosene, fuel and lubricating oils, including aviation fuels with aromatic content at a temperature up to + 60°C

COMPOTEC® EXILITE hoses, are suitable as well for vapour recovery in vacuum conditions, not exceeding 0,9 Bar vacuum rating.

COMPOTEC® EXILITE hose type E85 PA is suitable for carrying high ethanol fuels.