

PTFE-WIRELESS



CONEXIONES Y MANGUERAS S.L.

THE FIRST COMPOSITE HOSE WITHOUT INNER WIRE WITH A PERFECT SMOOTH FLUOROPOLYMER LINER

COMPOTEC® PTFE-WIRELESS is an excellent choice for Pharmaceuticals, Food and beverage applications, for the transfer of viscous media such as paints and adhesives, fluid transfer of corrosive chemicals, and aggressive chemicals in general.

COMPOTEC® PTFE-WIRELESS Smooth bore hose, consist in a Fluoropolymer liner, bonded to multiple layers of films and fabrics, in a composite construction, reinforced with a double-helix high tensile strength wires, the first embedded in the carcass and the second acting as an outer protection, providing crush, kink and vacuum resistance.

COMPOTEC® PTFE-WIRELESS have exceptional chemical compatibility and handle temperatures from - 40°C to +100°C.

COMPOTEC® PTFE-WIRELESS assemblies are used in numerous applications including, but not limited to: Food, Pharmaceutical, Chemical transfer lines, The PTFE core tube resists moisture and offers the lowest coefficient of friction of any known plastic, therefore minimizing pressure drops and deposits.

COMPOTEC® PTFE-WIRELESS is FDA & Phtalate free approved

BENEFIT

Robust construction, extended service life, especially in dynamic situations, compared to traditional PTFE metal braided hoses or PTFE lined Rubber hoses.

Smooth flexible Fluoropolymer liner, for use in a wide range of applications and ease of cleaning

Outstanding flexibility, bend-ability and bend radius

Durable, kink-proof, 100% antistatic, double wire reinforced design for extended life and easy handling.

All **COMPOTEC®** 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.

APPLICATION

Chemical, food, beverage, pharmaceutical and other process transfers

Rail car and trailer loading/unloading

Load cell applications - Chemical clearing.

Easy to assemble, no needs of scroll tail fittings, normal serrated tail fittings can be used and secured by crimping system or traditional clamps.



PTFE-WIRELESS HOSE EN 13765:2015 TYPE 3

Size		Working Pressure Bar		Bend Radius EN ISO 1746	Weight	Maximum length
mm	inch	SF 4:1	SF 5:1	mm	Kg/mt	Mt
25	1"	20	16	200	0,88	40
40	1 1/2"	20	16	280	1,50	40
50	2"	20	16	300	2,50	40
75/80	3"	20	16	500	4,00	40
100	4"	20	16	800	5,80	40