

## COMPOTEC PTFE 300 NANOTEC HD 16

EN 13765:2015 TYPE 3



The superior chemically inert quality of Fluoropolymers, make **COMPOTEC® PTFE** hoses ideals for the transfer of a wide range of very hazardous chemicals. This universal hose can help eliminate the costly redundancy of inventory to maintain the various hose constructions usually required. **COMPOTEC® PTFE** assemblies are fitted with an extensive range of couplings that can also be PTFE tafted or treated with the exclusive **EPTAFLOX BLUE** coating, resistant to almost all chemicals. **COMPOTEC® PTFE** hoses can be supplied in the **FIRETEC** version with ADR self-extinguish CL1 cover, and additional fire proof layers. All **COMPOTEC®** hoses are available in 40 mt coils from 3/4" to 8" and 25 mt length up to 12". Outer cover is also available in **ELASTOTHANE®**, a special PU coated fabric; its UV, Ozone, Sunlight and weathering resistance, offers superior temperature and abrasion characteristics. Electrical continuity is achieved by the two wires bonded to the end fittings, this helps dissipate accumulated charge and to avoid static flash. Upon request it's possible to manufacture **COMPOTEC® PTFE** hoses in accordance to the Directive 94/9/EC "**ATEX**", with a special outer antistatic black cover. All **COMPOTEC® PTFE** 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. Heavy Duty **PTFE 300 HD**, is offered in two versions, the first using as inner layer in contact with the product, a pure **Skived film of PTFE**, the second is manufactured around the new **NANOTEC® TEFLON®** film **PATENTED BY MATEC**.

**NANOTEC®** is obtained with the latest and highest standard of Nanotechnology, ensuring unique mechanical strength and ZERO porosity. **NANOTEC®** is a flexible, tear resistant material with superior capabilities compared to other PTFE products. **NANOTEC®** is made of 100% TEFLON® Du Pont, making it impervious to "chemical attack" and eliminating the need for reinforcements. Regardless of the chemical environment **NANOTEC®** retains all of its physical properties. Using an innovative nanotechnology cross-lamination process, results in **NANOTEC®** having an incredible 360° tear strength, superb durability and operating temps of up to 316°C (600°F) The **NANOTEC®** technology is a **PATENTED DESIGN** exclusive and unique, belonging to MATEC® GROUP.

<b>Materiaal binnenwand</b>	PTFE
<b>Aantal spiralen</b>	2
<b>Aantal inlagen</b>	Multilayer
<b>Assemblage artikel</b>	Ja
<b>Branche</b>	Chemie- en petrochemie, Maritiem en Offshore, Transport
<b>Norm</b>	EN 13765:2015 TYPE 3
<b>Temperatuurbereik</b>	-40 tot +125 °C

## Opties materialen spiralen

<b>Materiaal binnenspiraal</b>	<b>x</b>	<b>Materiaal buitenspiraal</b>
RVS 316		RVS 316
RVS 316		RVS 304
RVS 316		Gegalvaniseerd staal

## Opties kleuren

<b>Kleur buitenwand</b>
Rood
Andere kleuren mogelijk op aanvraag

Inw. diameter	Werkdruk	Barstdruk	Buigradius	Gewicht
20 mm	16 bar	80 bar	75 mm	630 gr/mtr
25 mm	16 bar	80 bar	100 mm	770 gr/mtr
32 mm	16 bar	80 bar	125 mm	1050 gr/mtr
40 mm	16 bar	80 bar	140 mm	1330 gr/mtr
50 mm	16 bar	80 bar	180 mm	2040 gr/mtr
65 mm	16 bar	80 bar	220 mm	2750 gr/mtr
75 mm	16 bar	80 bar	280 mm	3150 gr/mtr
80 mm	16 bar	80 bar	280 mm	3150 gr/mtr
100 mm	16 bar	80 bar	400 mm	4740 gr/mtr
125 mm	16 bar	80 bar	485 mm	7500 gr/mtr
150 mm	16 bar	80 bar	550 mm	10500 gr/mtr
200 mm	16 bar	80 bar	800 mm	12850 gr/mtr
250 mm	16 bar	80 bar	1000 mm	20960 gr/mtr
300 mm	16 bar	80 bar	1200 mm	31690 gr/mtr