



COMPRESSION FITTINGS "CONNECTO™ PLUS"

The Connecto™ Plus compression fittings line has been designed for the conveyance of fluids at high pressures for applications in the thermo-hydraulic sector. This product line answers to the

most severe international standards in terms of mechanical properties.



Materials

Parts	Material	Colour
Body (A)	Heterophasic black polypropylene (PP-B) of exceptional mechanical properties even at high temperature.	black
Blocking bush (D)	Polypropylene	black
Nut (B)	Polypropylene with dye master of high stability to UV rays and solidity to heat	bluee (RAL 5005)
Clinching ring (C)	Polyacetal resin (POM) of high mechanical resistance and hardness.	white
Gasket	E Special elastomeric acrylonitrile rubber (NBR) for alimentary use for diam. 16 - 20 - 25 - 32 - 75 - 90 and 110	black
	E1 Elastomeric acrylonitrile lip seal (NBR) for alimentary use for diam. 40 - 50 and 63	
Reinforcing ring	Stainless steel AISI 430 for female threads from 1" ¼ to 4"	-



Reference Standards

- Operating pressures: UNI 9561:2006; DIN 8076:2007; ISO 14236:2000; GW 335-B3:2011; SANS 14236:2003; AS/NZS 4129:2008.
- Polyethylene (PE) pipes : UNI 7990:2004; UNI EN 12201-2:2004; DIN 8074:1999
- Threads: ISO 7-1:2007; UNI EN 10226-1:2006; UNI EN ISO 228-1:2003; ANSI ASME B1.20.1:1983
- Flanges: UNI EN 1092-1:2007; ISO 7005-1:2011

Working Pressures

Connecto™ Plus allows the maximum working pressure (PN~PFA*) of 16 bar (UNI 9561) for diameters from 16 to 63 and PN 10 for diameters from 75 to 110, at the temperature of 20 °C. Maximum allowable working pressures related to the duration of pressure and temperature:

Ø	PFA*	PMA*	PEA*
16-63	16	20	24
75-110	10	12,5	10

Temperature (°C)	from -10 to 25	from +26 to +35	from +36 to +45
PFA* (PN)	16	12,5	10
PFA* (PN)	10	8	6

*Standards EN 805