

# **CONNECTO™** COMPRESSION FITTINGS

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The Connecto™ compression fittings line has been designed for the conveyance of high-pressure fluids and is particularly recommended for gardening and irrigation systems. Its fast and easy assembly marks it out.

### **Materials**

Parts	Material	Colour
Body (A)	High viscosity and mechanical resistance polypropylene	black
Blocking bush (D)	Polypropylene	black
Nut (B)	Polypropylene with dye master of high stability to UV rays and solidity to heat	green
Clinching ring (C)	Polyacetal resin (POM) with high mechanical resistance and hardness	white
O Ring gasket (E)	Special elastomeric acrylonitrile rubber (NBR) for alimentary use	black
Reinforcing ring	Stainless steel AISI 430 for female threads from 2" 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
- Fittings: DM 174 06/04/2004; BS 6920:2000; W270; KTW
- 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**

The Connecto™ line has been designed for maximum working pressures (PN ~ PFA\*) of 10 bar (UNI 9561) from Ø16 to Ø110, except for items 201, 210, 211, 211, 221 from Ø16 to Ø32, which admit a maximum working pressure (PN ~ PFA\*) of 12.5 bar.



Ø	PFA*	PMA*	PEA*
16-63	10	12,5	15
75-110	10	12,5	15

\* Standards EN 805