

Fittings | Connecto™ Plus



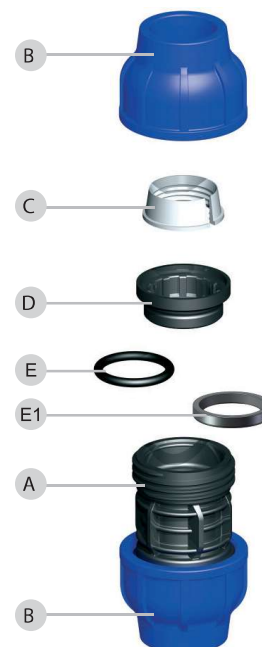
Connecto™ Plus

Ref.	Fig.	Description	Dimensions
IQ90120F0UXXX	1	901 - F-threaded fitting	from 16 to 110 ø - from 1/2" to 4"
IQ9102000UXXX	2	910 - Coupling	from 16 to 110 ø
IQ91120M0UXXX	3	911 - M-threaded fitting	from 16 to 110 ø - from 1/2" to 4"
IQ9122000UXXX	4	912 - Reduced coupling	from 16 to 110 ø
IQ9132000UXXX	5	913 - 90° elbow	from 16 to 110 ø
IQ9142000UXXX	6	914 - 90° tee	from 16 to 110 ø
IQ91520F0UXXX	7	915 - F-threaded 90° Tee	from 16 to 110 ø - from 1/2" to 4"
IQ91620M0UXXX	8	916 - M-threaded 90° tee	from 16 to 110 ø - from 1/2" to 4"
IQ91820F0UXXX	9	918 - 90° elbow with F-threaded off-take	from 16 to 110 ø - from 1/2" to 4"
IQ91920M0UXXX	10	919 - 90° elbow with M-threaded off-take	from 16 to 110 ø - from 1/2" to 4"
IQ92020D0UXXX	11	920 - flanged coupling	from 50 to 110ø - from DN50 to DN100
IQ9212000UXXX	12	921 - Plug	from 16 to 110 ø
IQ9242000UXXX	13	924 - 90° reduced tee	from 20 to 63 ø
IQ93120M0UXXX	14	931 - M-threaded coupling in nickel-plated brass	from 20 to 63 ø - from 1/2" to 2"
IQ93220F0UXXX	15	932 - F-threaded coupling in nickel-plated brass	from 20 to 63 ø - from 1/2" to 2"
IQ93520M0UXXX	16	935 - M-threaded 90° elbow in nickel-plated brass	from 20 to 63 ø - from 1/2" to 2"

The Connecto Plus™ range of compression connectors is designed to convey highly pressurised fluids for thermo-hydraulic applications. It is a product range that satisfies the strictest international regulations in terms of mechanical properties.

Materials

Component	Material	Colour
Body (A)	Black heterophasic polypropylene block (PP-B) with exceptional mechanical properties also at high temperatures	Black
Locking bush (D)	Polypropylene	Black
Nut (B)	Master-dyed polypropylene block, strongly blue UV-stabilised and heat resistant	Blue (RAL 5005)
Clinching ring (C)	High-mechanical strength polyacetal resin (POM)	White
O-ring	E O-ring in special food-grade acrylonitrile (NBR) for 16-20-25-32-75-90 and 110 diameters	Black
	E1 Lip gasket in special food-grade acrylonitrile (NBR) for 40-50 and 63 diameters	
Reinforcing ring	AISI 430 stainless steel for 1 1/4" to 4" F-threading	-



Rapid assembly without removing the nut

In the 40, 50 and 63 mm diameters there is a lip gasket seal.

Reference regulations

- Flanges: UNI EN 1092-1:2007; ISO7005-1:2011
- Tubes in polyethylene (PE): UNI 7990:2004; UNI EN 12201-2:2004; DIN 8074:1999
- Threading: ISO 7-1:2007; UNI EN 10226-1:2006; UNI EN ISO 228-1:2003; ANSI ASME B1.20.1:1983
- Operating pressures: UNI 9561:2006; DIN 8076:2007; ISO 14236:2000; GW 335-B3:2011; SANS 14236:2003; AS/NZS 4129:2008

Operating pressures

Connecto Plus offers maximum operating pressure (PN-PFA*) of 16 bar (UNI 9561) for the 16 to 63 diameters and PN10 for 75 to 110 diameters, at a temperature of 20°C. Depending on the load application duration and temperature, the following maximum operating pressures are permitted:

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 +35 to +45
PFA* (PN)	16	12.5	10
PFA* (PN)	10	8	6

* EN 805 standard