

Connector

Compression Fitting



Description

A straight connector with compression fit used to connect Polyethylene pipes with the same diameter.

Installation

1. Cut the pipe squarely using adapted cutting tools.
2. Eliminate any burrs and bevel the end of the pipe to facilitate easy assembly and to prevent damage to the fitting gasket. The outer surface of the pipe must be free from imperfections or indentations where the body of the fitting makes contact with the pipe.
3. Unscrew the blue nut and put in the pipe followed by the white clamping ring. Make sure the clamping ring is in the correct position, with the largest diameter facing the fitting.
4. Press the pipe axially into the fitting, past the gasket, until it touches the internal register inside the fitting's body.
5. Tighten the ring nut by hand. The ring nut must be tight but it does not need to reach the end of the fitting's body.



Material & Technical Information

Body, Bush ring, Nut	Seal	Clamping Ring	Operating Pressure	Compliance
Polypropylene high-stability copolymer (PP-B) with UV protection	Nitrile Rubber (NBR)	Acetalic resin (POM)	up to 16 bar	UNI 9561/9562, DIN 8076-3, ISO 14236, ISO 13460

Dimensions

For Duct O.D. (mm)	D (mm)	L (mm)	l (mm)	Tensile Strength (N)
16	42	103	49	833
20	46	108	52	1,225
25	55	122	59	1,774
32	63	139	68	2,950
40	79	168	82	4,557
50	96	204	102	7,076
63	115	248	121	11,250
75	129	278	136	15,719
90	155	315	154	22,736
110	183	422	205	33,898

