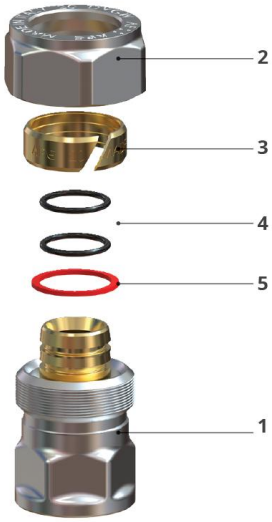
Introduction

The 700F Series screw fittings for multilayer pipes are nickel-plated externally and yellow internally, to comply with Italian Ministerial Decree No. 174. They have been designed and manufactured to ensure high reliability over time. Since they do not require any special assembly equipment, installation is made much easier for the installer. Featuring a double O-ring which ensures tightness together with the serrated profile of the hose barb connector and a PE ring to eliminate any stray currents, they are used for all types of plumbing systems and are available in a diversified range of figures in diameters from Ø16 to Ø26.

The seal between the hose and the single-body fitting is guaranteed by the serrated anti-slip profile of the hose barb connector **[1]** and by the presence of two O-rings **[4]** located on the hose barb connector itself.

The hose is coupled by compression: a radial compression produced by the screwing up of the nut **[2]** which determines the tightening of the cut olive **[3]** around the pipe.

The presence of the PE washer **[5]** insulates the aluminium of the pipe and the brass of the fitting avoiding the occurrence of any type of corrosion.



N.	Description	Materials and conformity
1	**Body**	Brass CW617N
2	**Nut**	Brass CW617N
3	**Olive**	Brass CW617N
4	**O-ring**	Peroxide EPDM 70 SCH
5	**Washer**	PE (Polyethylene)

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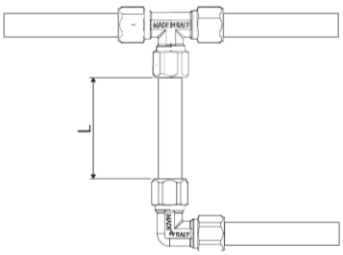
Technical specifications

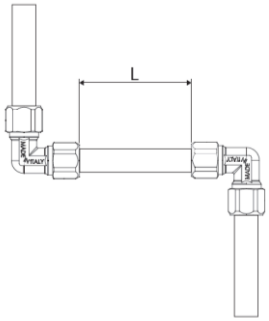
Field of application:	Heating and hot water systems
Fluids carried:	Drinking water, water for technical purposes and water containing glycol
Temperature range:	from 5 °C to 80 °C
Operating pressure:	max. 10 bar
Type of pipe:	Multilayer PE-Xb/AL/PE-Xb (compliant with UNI 21003)

The ease of installation of the 700 F Series is due to the fact that standard spanners can be used and that the thread is standardized (GAS ISO 228 or EN 10226); as screw fittings, they can be reused in case of wrong installation.

OVERALL FITTING DIMENSIONS

The minimum installation distances between the fittings of the 700 F Series are shown below:





Diametro	L (mm)
Ø16 (2.0)	70
Ø20 (2.0)	70
Ø26 (3.0)	70

It is recommended to prevent the fittings from moving by creating a number of anchor points, especially in case of long lines, so pipe expansion is not discharged onto the fittings.

IMPORTANT: When coupling with other fittings, DO NOT USE HEMP, but only the specific sealant.

CONFORMITY valid for figures with UNI EN 10026 thread:

- **DVGW** Certificate DW-8501CS0266
- **ATG** Certificate 3212
- **AFNOR** Certificate n° 101160 holder 045
- **AENOR** Certificate 001/007419
- UNI EN ISO 21003
- Ministerial Decree No. 174/2004

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