Fittings for PE-X pipe



Coral-Fix

Data sheet LINE 3L00 Coral-Fix

Axial press fittings for Pe-X pipes

GENERAL FITTINGS
YOUNIQUE · ITALIAN

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LINE 3L00

Axial press fittings for Pe-X pipes

Coral-Fix



DESCRIPTION

3L00 CORAL-FIX axial press fittings can be used in hot and cold water supply systems, for sanitary or heating purposes,cooling, in all types of plumbing installations (commercial, domestic, industrial and agricultural), compressed air systems and with non-aggressive fluids.

ADVANTAGES

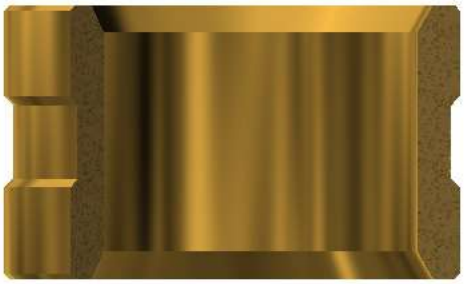
- Complete range
- One system both for drinking water and heating installations
- Quick and easy installation also with manual tools
- Safe installation: watertight connection, without stagnation points and without requiring O-rings or additional gaskets
- Greater water flow and consequently lower pressure drops
- Great reliability over time
- Raw materials complying with UBA LIST

FIELDS OF APPLICATION

APPLICATIONS		T. min.	T. max	T. of the system	Max. pressure
	drinking water	-20°C	+120°C	-20°C/+70°C	6 bar
	sanitary hot water	-20°C	+120°C	-20°C/+70°C	6 bar
	cooling	-20°C	+120°C	-20°C/+80°C	6 bar
	radiators	-20°C	+120°C	-20°C/+80°C	6 bar
	floor heating	-20°C	+120°C	-20°C/+80°C	6 bar
	irrigation	-20°C	+120°C	-20°C/+70°C	6 bar
	compressed air	-20°C	+120°C	-20°C/+70°C	6 bar
	-20°C: with the use of glycol in a maximum percentage of 30%				

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COMPONENTS AND MATERIALS





LEGEND		COMPONENTS	MATERIALS
	1	Sleeve	Brass CW612N - UNI EN 12164
	2	Body	Brass CW617N - UNI EN 12165

SUITABLE PIPES (PLASTIC RING)

Fittings of line 3L00 CORAL-FIX are suitable for installation with PE-X pipes.

REGULATIONS

• EN ISO 228-1
Threads complies with UNI EN ISO 228-1 law: “Piping thread for coupling not with thightness on the thread”.

• UNI EN ISO 15875-3
Plastic piping systems for hot and cold water installations

• UNI EN 1254-8
Fittings comply with UNI EN 1254-8 law: “Sanitary fittings for plastic pipes with compression ends”.

• D.M. 174 (06/04/2004)
Raw materials used are of high quality and comply with the Ministerial Decree N°174 dated 06/04/2004 concerning the materials and the items used in fixed installations for water collection, treatment and supply.

• Comply with 4MS, UBA List (BC group), DIN 50930/6 Dir. 2011/65/UE, 6C attachment III (RhOSII).

CERTIFICATIONS

COUNTRY	CERTIFICATION	COUNTRY	CERTIFICATION
			

INSTRUCTIONS

The following instructions have to be applied to systems defined for 3L00 CORAL-FIX fittings and PE-X pipe.

Always use machines and equipments defined in General Fittings catalogue.

The direction of the sleeve is reversible.

Fittings and sleeves must be protected before putting in contact with masonry from fluids and other aggressive substances by a suitable coating.

For any technical product information please contact directly the Technical Department of General Fittings Spa.

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ASSEMBLY INSTRUCTIONS

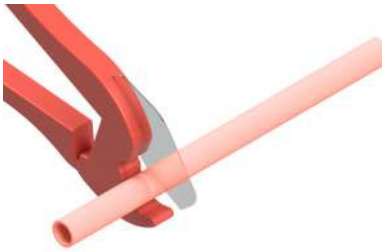
Before cutting the pipe, check that the pipe has no surface defects and that the marking is readable and complete in all its parts



Always check that the shear blade is perfectly sharp, without dentsor damaged parts



Cut the pipe perpendicularly to its axis using an appropriate pipe-cutting tool [code TT500.00].



Insert the sleeve on the pipe until it reaches a position that does not hinder the expansion operation.



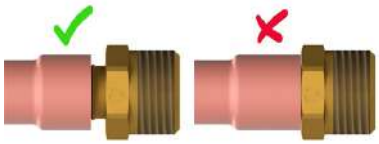
Insert the end of the pipe onto the expander at the correct size.



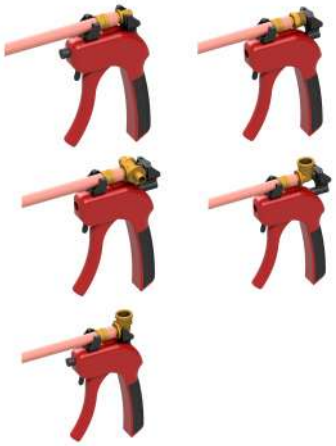
It is important not to perform full expansion immediately, but to do it gradually in a rotary motion (at least half a turn), so as not to damage the pipe.



If the pipe expansion operation has been carried out correctly, the pipe will fit onto the fitting without force; if there are any difficulties in inserting the pipe, repeat the expansion operation.
Do not insert the pipe completely onto the fitting but leave the last groove uncovered.
The pipe has a natural return effect (memory effect). The pipe and fitting must therefore be assembled quickly.



Place the elements in the jaws of the pressing machine, taking care that they are properly seated.
Inside the packaging of the pressing machine are various accessories to be used depending on the size of the pipe and the type of fitting.



Carry out the pressing operation by acting on the lever, this generates the displacement of one of the two jaws in the closing direction.



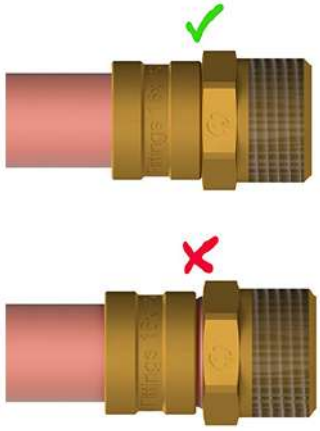
Continue to operate the lever until the sleeve comes to rest on the fitting.



In order to remove the assembled fitting from the pressing machine, it is necessary to operate the trigger and retract the tong that was previously advanced.



Una pinzata corretta deve avere la bussola in battuta sul raccordo.



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