Fittings for multilayer pipe



WOFLEX

Datasheet WOFLEX

Compression fittings with removable pipe holder and cut olive

GENERAL FITTINGS
YOUNIQUE · ITALIAN

Contents

DESCRIPTION 3
ADVANTAGES 3
FIELDS OF APPLICATION 4
REGULATIONS 4
ASSEMBLY INSTRUCTIONS 5
CERTIFICAZIONI 5

LINE 5500

Compression fittings with removable pipe holder and cut olive



DESCRIPTION

WOFLEX compression fittings are made of UNI EN 12165 CW617N brass alloy and are characterised by a double seal system provided by O-rings and mechanical tightening.
WOFLEX fittings are mainly used in the water-based heating industry, in supply systems (hot and cold) and/or in heating and cooling distribution systems. They can also be used with fluids containing glycol-based antifreeze and in pneumatic systems with compressed air.
WOFLEX fittings are easy to use as they do not require the use of special tools and can also be installed with WELCOFLEX multi-layer pipes.

ADVANTAGES

- The mechanical tightening of the fitting and the O-rings of the pipe holder guarantee its seal
- For drinking water and heating
- 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/+95°C	10 bar
	sanitary hot water	-20°C°	+120°C	-20°C/+95°C	10 bar
	cooling	-20°C°	+120°C	-20°C/+95°C	10 bar
	heating	-20°C°	+120°C	-20°C/+95°C	10 bar
	floor heating	-20°C°	+120°C	-20°C/+95°C	10 bar
	irrigation	-20°C°	+120°C	-20°C/+95°C	10 bar
	-20°C: with the use of glycol in a maximum percentage of 30%				

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REGULATIONS

• UNI EN ISO 21003-3
Fittings comply with UNI EN ISO 21003-3 law: “Multilayer piping systems for hot and cold water supply installations inside building”

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

• 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). The UBA list will be gradually replaced and supplemented by the new European system, the European Positive List (EU Positive List), managed by ECHA, although UBA-certified products may continue to be used in accordance with the transitional deadlines set out in the European Drinking Water Directive (DWD 2020/2184).

ASSEMBLY INSTRUCTIONS

Using a special pipe cutting tool, make a cut perpendicular to the axis of the pipe. Do not use 'guillotine' pipe cutters that are usually only used for plastic pipes



CERTIFICAZIONI

STATO	CERTIFICAZIONE	STATO	CERTIFICAZIONE	STATO	CERTIFICAZIONE
			ICIM		

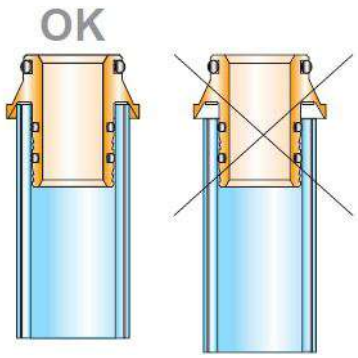
Calibrate and deburr the pipe with a special gauge, taking care to eliminate any residual chips. The internal chamfer must be made on the entire circumference.



Install the nut and ring in the pipe, then push the pipe connection inside to the end, after checking that all the O-rings are present. At this stage, the use of a spray lubricant can facilitate the assembly of the parts, but above all it prevents damage to the O-rings. The insertion of the pipe in the pipe connection is an operation to be carried out with particular care, as the seal may not be formed if the O-Ring slips out of its housing.



Make sure that the pipe connection is fully inserted.



Manually tighten the nut as far as possible but without forcing it, as the pipe must be in line with the fitting.Then tighten with fixed spanners.



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