Fittings for multilayer pipe



COMPREX

Data sheet LINE 5300

Compression fittings with cut brass olive

GENERAL FITTINGS
YOUNIQUE · ITALIAN

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LINE 5300

Compression fittings with cut brass olive

COMPREX



DESCRIPTION

Brass olive compression fittings for multilayer pipe (line 5300) are suitable for hot and cold water supply in sanitary and heating installations and for any kind of sanitary installation such as domestic, commercial, industry and farming. They can be used with any type of non-corrosive fluid.
The seal is guaranteed by the mechanical tightening of the fitting and the compression of the O-Ring of the pipe holder.

ADVANTAGES

- Wide range
- For drinking water and heating
- DVGW certified
- Raw materials complying with UBA LIST
- No contact between nickel and water

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
	hot sanitary 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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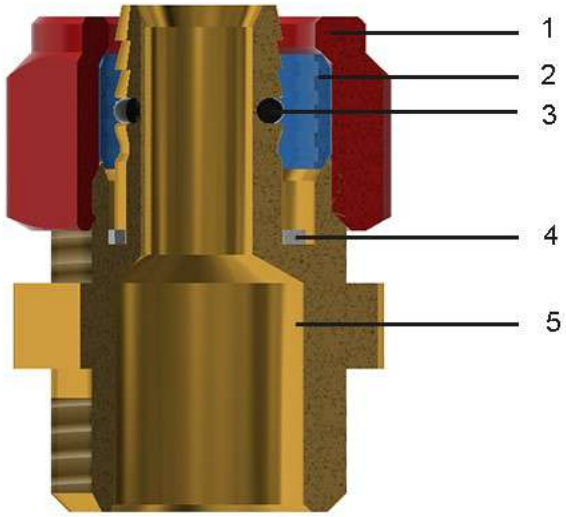
COMPONENTS AND MATERIALS



LEGEND		COMPONENTS	MATERIALS
	1	Nut	Brass CW617N - UNI EN 12165
	2	Cut olive	Brass CW617N - UNI EN 12164
	3	O-Ring	Elastomer for drinking water
	4	Insulated ring	TEFLON - FL8020
	5	Body	Brass CW617N - UNI EN 12165

THREADS AND NUTS TIGHTENING

Ø	Attacco filetto	N° Turns (+1/4)	Tightening
Ø 14	G 1/2"	1/2	20 N*m
Ø 16	G 1/2"	1/2	22 N*m
Ø 18	G 3/4"	3/4	33 N*m
Ø 20	G 3/4"	3/4	35 N*m
Ø 26	G 1"	1/2	65 N*m
Ø 32	M 39 x 1.5	1/2	70 N*m

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).

• Comply with DVGW EN ISO 21003

• UNI EN 1254-3
Fittings comply with UNI EN 1254-3 law: “Sanitary fittings for plastic pipes with compression ends”.

CERTIFICATIONS

COUNTRY	CERTIFICATION	COUNTRY	CERTIFICATION	COUNTRY	CERTIFICATION

ASSEMBLY INSTRUCTIONS

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



Calibrate the pipe using special reamer [code CS50.00, MA00.90], removing possible residual chips. The pipe edge should be trimmed throughout the circumference.



Insert nut and olive on the pipe.



Insert the pipe in the body until it stops. With an hexagonal wrench, tighten the nut until reaching the number of threads shown in the table (see previous page).



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