Triflow Solder Ring Range

Conex | Bänninger



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Triflow Solder Ring

Triflow Solder Ring fittings contain lead-free solder complying with EN 29453 and ISO 9453. When heat is applied, the sufficient layer of lead-free solder fills the gap between the tube and fitting by capillary action to form a mechanically strong, leak-proof joint without the need for external solder application.

Triflow Solder Ring fittings are manufactured in accordance with EN 1254-1 and 4. They are available in sizes 6-66.7mm and are suitable for connecting copper tubes in accordance with EN 1057. Imperial copper tube to BS 659 in sizes 3/8", 2" and 2.1/2" can be readily joined using 12mm, 15mm, 54mm and 66.7mm fittings respectively.

To counteract the dezincification problem, Triflow Solder Ring fittings are manufactured from high-grade copper, red brass or dezincification resistant (DZR) brass.

Applications & Technical Information	
Drinking water	Y
Sanitary water	Y
Heating and chilled water systems	Y
Compressed air	Y
LPG and Natural Gas	Y
Available Sizes	6 - 67mm
Operating Parameters 6-54mm	16 bar @30°C 10 bar @ 65°C 7 bar @ 95°C 6 bar @ 110°C
Warranty	25 years
Material	Copper, DZR, Red Brass

For more details contact our technical team.

SOLDER RING ASSEMBLY INSTRUCTIONS:

Tools required:

Tube cutter, deburring tool, abrasive cloth, flux and blow lamp.

Assembly

- Ensure the copper tube and fitting sizes are compatible. Cut the tube end square, and ensure it retains its shape.
- Deburr the tube, both inside and outside.
- Clean tube with an abrasive cloth, and fitting socket with a wire brush.
- Apply a thin layer of flux to the tube, and to the fitting socket.
- Insert the tube into the fitting until the tube stop is reached. Rotate the tube or fitting and remove excess flux where possible
- Light the blow lamp, and heat the fitting socket until the flux starts to boil. Keep the flame moving over the fitting until a ring of solder appears at the mouth of the socket. Do not provide excessive heat or additional solder.
- Remove the blow lamp, allow to cool and wipe the joint(s) with a damp cloth to remove flux residues.
- Flush all residues out of the system.



Demounting

- This fitting system is not demountable.

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TP1S — Slip Coupler

Copper x Copper



ITEM	SIZE	PACK
TP01S15	15mm	25
TP01S22	22mm	25
TP01S28	28mm	10

TP2 — Female Straight Connector

Female Thread (Parallel)



ITEM	SIZE	PACK
TP02151/2	15 x 1/2"	25
TP02153/8	15 x 3/8"	10
TP02221/2	22 x 1/2"	5
TP02223/4	22 x 3/4"	10
TP02281/0	28 x 1"	10
TP023511/4	35 x 1.1/4"	5
TP024211/2	42 x 1.1/2"	5
TP02542/0	54 x 2"	2

TP2LC — Reduced Female Connector

Female Thread (Parallel)



ITEM	SIZE	PACK
TP02151/4	15 x 1/4"	25

*A range means fast moving products.

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TP2W — Female Wall Plate Connector

Female Thread (Parallel)



ITEM	SIZE	PACK
TP02W151/2	15 x 1/2"	10

TP3 — Straight Male Connector

Copper x Male Thread (Parallel)



ITEM	SIZE	PACK
TP03081/4	8 x 1/4"	10
TP03151/2	15 x 1/2"	25
TP03221/2	22 x 1/2"	10
TP03223/4	22 x 3/4"	10
TP03281/0	28 x 1"	10
TP033511/4	35 x 1.1/4"	5
TP034211/2	42 x 1.1/2"	5
TP03542/0	54 x 2"	1

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