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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TP1 Straight Coupler

Copper x Copper



ITEM	SIZE	PACK	
TP0108	8 x 8mm	25	
TP0110	10 x 10mm	25	
TP0112	12 x 12mm	25	
TP0115	15 x 15mm	25	A
TP0122	22 x 22mm	25	A
TP0128	28 x 28mm	10	
TP0135	35 x 35mm	10	
TP0142	42 x 42mm	5	
TP0154	54 x 54mm	2	
TP0167	67 x 67mm	1	

TP1IM Metric to Imperial Connector

Copper (Metric) x Copper (Imperial)



ITEM	SIZE	PACK
TP01IM151/2	15 x 1/2"	25
TP01IM223/4	22 x 3/4"	25
TP01IM281/0	28 x 1"	10
TP01IM3511/4	35 x 1.1/4"	5
TP01IM4211/2	42 x 1.1/2"	5

*A range means fast moving products.

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TP1R Reduced Coupler

Copper x Copper



ITEM	SIZE	PACK
TP01R1008	10 x 8mm	10
TP01R1508	15 x 8mm	10
TP01R1510	15 x 10mm	10
TP01R1512	15 x 12mm	25
TP01R2210	22 x 10mm	10
TP01R2215	22 x 15mm	25
TP01R2815	28 x 15mm	10
TP01R2822	28 x 22mm	10
TP01R3522	35 x 22mm	10
TP01R3528	35 x 28mm	10
TP01R4235	42 x 35mm	5
TP01R5442	54 x 42mm	2

*A range means fast moving products.