Delcop End Feed Range



Conex | Bänninger
Delcop End Feed

Delcop End Feed capillary fittings are available in sizes 6-54mm and are suitable for connecting copper tubes in accordance with EN 1057.

Delcop End Feed fittings are designed for solder and brazing applications but, with the exception of Union fittings with copper tails, which can only be soft soldered. For sizes above 54mm please refer to the section on Delbraze.

Most fittings in the range are manufactured from copper or red brass thereby being immune to dezincification.

Hydraulic working temperatures and pressures based on EN 1254-1 are shown below:

Applications & Technical Information	
Drinking water	Y
Sanitary water	Y
Heating and chilled water systems	Y
Compressed air	Y
Gas	Y
Available Sizes	6-54mm
Operating Parameters solder 6-54mm	**Water** **Using Tin Silver 95/5%** 25 bar, 0°C to 30°C 25 bar @ 65°C 19 bar @ 95°C 16 bar @ 110°C **Using Tin Lead 50/50% or 60/40%** 16 bar, 0°C to 30°C 10 bar @ 65°C 7 bar @ 95°C 6 bar @ 110°C
Operating Parameters brazed 15mm	**Water** 35.1 bar, -20°C to 110°C 29.8 bar @ 150°C 15.8 bar @ 200°C
Material	Copper and Red Brass

For more detailes please contact our technical team.

SALES: +44 (0)121 557 2831 FAX: +44 (0)121 520 8778 WEB: www.conexbanninger.com EMAIL: sales@ibpgroup.com

END FEED ASSEMBLY INSTRUCTIONS:

Tools required:

Tube cutter, deburring tool, blow lamp, abrasive cloth, wire brush, lead free solder, flux.

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 any 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 and tube, do not provide excessive heat.
- Apply lead free solder to the tube-fitting interface until it fills the void.
- As a rule of thumb, a length of solder equivalent to the tube diameter will be adequate for a satisfactory joint.
- Remove the blow lamp, allow to cool and wipe the joint(s) with a damp cloth.
- Flush all residues out of the system.



Demounting

- This fitting system is not demountable.

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DC600 Slip Coupler

Copper x Copper



ITEM	SIZE	PACK	
5270S015000000	15mm	10	
5270S022000000	22mm	10	
5270S028000000	28mm	10	
5270S035000000	35mm	1	
5270S042000000	42mm	1	
5270S054000000	54mm	1	

DC601 Straight Coupler

Copper x Copper



ITEM	SIZE	PACK	
5270 006000000	6mm	10	
5270 008000000	8mm	10	
5270 010000000	10mm	10	
5270 012000000	12mm	10	
5270 015000000	15mm	25	A
5270 0220000005	22mm	25	A
5270 028000000	28mm	10	
5270 035000000	35mm	10	
5270 042000000	42mm	1	
5270 054000000	54mm	1	

*A range means fast moving products.

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DC601R Reduced Straight Coupler

Copper x Copper



ITEM	SIZE	PACK
5240 008006000	8 x 6mm	10
5240 010008000	10 x 8mm	10
5240 015008000	15 x 8mm	10
5240 015010000	15 x 10mm	10
5240 015012000	15 x 12mm	10
5240 022015000	22 x 15mm	10
5240 028015000	28 x 15mm	10
5240 028022000	28 x 22mm	10
5240 035015000	35 x 15mm	1
5240 035022000	35 x 22mm	1
5240 035028000	35 x 28mm	1
5240 042022000	42 x 22mm	1
5240 042028000	42 x 28mm	1
5240 042035000	42 x 35mm	1
5240 054015000	54 x 15mm	1
5240 054022000	54 x 22mm	1
5240 054028000	54 x 28mm	1
5240 054035000	54 x 35mm	1
5240 054042000	54 x 42mm	1

*A range means fast moving products.