Conex Compression Range



Conex Compression ribnut profile

Conex | Bänninger



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

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MATERIAL	TUBE SPECIFICATION		SIZE ▸	6mm to 18mm		22mm	28mm to 54mm		
COPPER	Hard/Half Hard	EN1057-R250	Nº of turns	11/4		1	3/4		
			Liner	none		none	none		
		EN1057-R290	Nº of turns	1		3/4	1/2		
			Liner	none		none	none	none	
COPPER	Soft	EN1057-R220	SIZE ▸	8mm		10mm	15mm	18mm	22mm
			Nº of turns	11/4		11/4	11/4	11/4	1
			Liner: SC1	8 x 1.0		10 x 1.0	15 x 1.0	18 x 1.0	22 x 1.0
STAINLESS STEEL	EN10312 Series 1+2 (BS4127)		SIZE ▸	6mm to 22mm		28mm	35mm to 54mm	67mm to 76.1mm	
			Nº of turns	3/4		1/2	1/2*	*	
			Liner	none		none	none	none	
FLEXIBLE	PB POLYBUTYLENE		SIZE ▸	10mm		15mm	22mm	28mm	
			Nº of turns	1½		1½	1½	1½	
			Liner	10 x 1.5/1.8		15 x 1.7/2.0	22 x 2.0/2.3	28 x 2.6/2.9	
	PE-X CROSS LINKED POLYETHYLENE		SIZE ▸	10mm		15mm	22mm	28mm	
			Nº of turns	1½		1½	1½	1½	
			Liner	10 x 1.5/1.8		15 x 1.5/1.8	22 x 2.0/2.3	28 x 2.6/2.9	
	MDPE MEDIUM DENSITY POLYETHYLENE		SIZE ▸	20mm		25mm	32mm		
			Nº of turns	1½		1½	1½		
			Liner: PY	20 x 2.3/2.6		25 x 2.3/2.6	32 x 3.0/3.4		

PLEASE CONSULT OUR TECHNICAL DEPARTMENT WHEN USING OTHER MATERIALS.
Liner to be specified by the tube manufacturer.

*Please refer to our Technical Department.

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COMPRESSION ASSEMBLY INSTRUCTIONS:

Tools required:

Tube cutter, deburring tool, 2 flat-faced spanners.

Assembly

- Ensure the tube and fitting sizes are compatible. Cut the tube end square, and ensure it retains its shape.
- Deburr the tube, both inside and outside.
- Remove the capnut and compression ring from the fitting.
- Slide the capnut, and compression ring onto the tube.
- Join the fitting onto the tube end, and slide the compression ring, and capnut towards the fitting.
- Hand tighten the capnut.
- With suitable flat-faced spanners, tighten the joint to the recommended minimum number of turns.



Demounting

- Turn off water supply and drain system.
- Place a suitable receptacle under the joint to be dismounted.
- With suitable flat-faced spanners, undo the joint.
- Slide the capnut back from the captive compression ring.
- Pull the tube from the fitting socket, ensuring any excess water is collected in the receptacle.



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Brass, DZR & Red Brass Compression Range



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Conex Bänninger Compression fittings are especially advantageous in retrofit plumbing schemes, where space is confined and/or the use of heat must be avoided. They are available in 6-108mm and are suitable for connecting a wide range of tubes in accordance with EN 1057.

The unique ribbed capnuts are supplied in 15-28mm. Sizes 6-12 are hexagonal capnuts and the 35-54mm are supplied with octagonal capnuts. Fittings in 66.7-108mm incorporate loose compression plates, where tightening is through six 3/8" BSW nuts and all threads. PTFE tape is not required for the installation process.

Conex Bänninger Compression fittings are available in duplex brass and/or dezincification resistant (DZR) brass or as dezincification immune red brass. Fittings are also available in chrome plated in accordance with EN 248.

Conex Bänninger Compression Fittings are also compatible with low carbon steel, stainless steel and many types of plastic pipe including crossed linked polyethylene (PE-X) and polybutylene (PB) with size compatible outside diameters.

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 Water	6-15, 16-28, 35-54, 67-108 mm
Available Sizes Gas	8-28mm
Available Sizes Compressed air	8-28mm
Warranty	30 years
Operating Parameters Water	6-15, 25 bar @ 0 to 95°C 16-28, 16 bar @ 0 to 95°C 35-54, 13 bar @ 0 to 95°C 67-108, 10 bar @ 0 to 95°C
Operating Parameters Gas	8-28, 1 bar @ 30°C
Operating Parameters Compressed Air	8-28, 7 bar @ 30°C
Material	Brass, DZR

For more details contact our technical team.

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BRASS | RED BRASS | DZR

85R — 'C' Capnut Spanner Zinc Plated

Conex



ITEM	SIZE	PACK
GE-9020085R-	22 x 15mm	1

96 — Brass Washer



ITEM	SIZE	PACK
03-1020096--	1/2"	10
04-1020096--	3/4"	10
05-1020096--	1"	10

97 — Sealing Washer



ITEM	SIZE	PACK
03-9020097--	1/2"	100
04-9020097--	3/4"	100

For use with swivel fitting

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ACCESSORIES

BRASS | RED BRASS | DZR

98 — Rubber Washer



ITEM	SIZE	PACK
E--9020098--	15mm	50
G--9020098--	22mm	50
H--9020098--	28mm	50

For use with item code W63B

SC1 — Soft Copper Liner



ITEM	SIZE	PACK
C103031000SC	10mm	100
E103031000SC	15mm	100
F103031000SC	18mm	100
G103031000SC	22mm	50

51 — Ring

Copper Poly



ITEM	SIZE	PACK
03-3020051--	1/2"	100
04-3020051--	3/4"	100