

SharkBite 90° Female Elbow

A high-performance, time and labour saving brass push-fit fitting. Suitable for hot and cold water, central heating and recirculating hot water systems.

Overview

SharkBite fittings quickly and securely connects equally sized pipes to form a 90° pipe bend. Withstanding high temperature and pressure, the push-fit fitting is ideal for hot and cold water and central heating systems. Made from extra tough material, it is also suitable for connecting copper pipes to boilers*, as well as recirculating systems.

Manufactured from lead-free 4MS compliant DZR brass, SharkBite's slimline design looks good in front of the wall and is easily detectable when installed behind the wall.

Using a simple and instant push action, SharkBite is safer and cleaner to install than traditional methods as there is no need for tools, soldering, crimping, clamps or glue. SharkBite is also compatible with copper or JG Speedfit PEX Barrier pipe.

*excluding gas applications



SBE121515F

Features

- Instant push-fit connection
- Stainless steel grab ring firmly and securely grips copper or plastic pipe
- KIWA Class III approved EDPM O-Ring withstands high temperatures
- Lead-free and non-toxic 4MS compliant DZR brass
- Electrically continuous without the need for extra earth bonding
- Slimline profile available in 15 to 28mm sizes

Benefits

- Durable and secure solution with high pressure and temperature rating
- 40% faster to install than traditional methods
- Secure tamperproof demounting
- Safe and simple to install using no tools, hot works, crimping, clamps or glue
- Easy to fit, especially in tight spaces when manoeuvring tools is difficult
- Brass slimline design looks good in front and behind the wall

Product code	Size	Description	Bag quantity
SBE121515F	15mm x 1/2 "	90° Female Elbow	1
SBE121515F-Z	15mm x 1/2 "	90° Female Elbow	5
SBE121820F	18mm x 3/4 "	90° Female Elbow	1
SBE121820F-Z	18mm x 3/4 "	90° Female Elbow	5



*For copper pipe 12-28mm



*For copper pipe 12-28mm & JG Speedfit PEX Barrier Pipe 12mm and 15mm



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Working pressures and temperatures

Size	Pipe	Pressure/temperature			
15mm	PEX-B	12 Bar / -20°C min	12 Bar / 20°C max	6 Bar / 65°C min	6 Bar / 95°C max
	Copper	20 Bar / -24°C min	20 Bar / 30°C max	16 Bar / 65°C min	10 Bar / 120°C max
18mm	PEX-B	12 Bar / -20°C min	12 Bar / 20°C max	6 Bar / 65°C min	6 Bar / 95°C max
	Copper	20 Bar / -24°C min	20 Bar / 30°C max	16 Bar / 65°C min	10 Bar / 120°C max

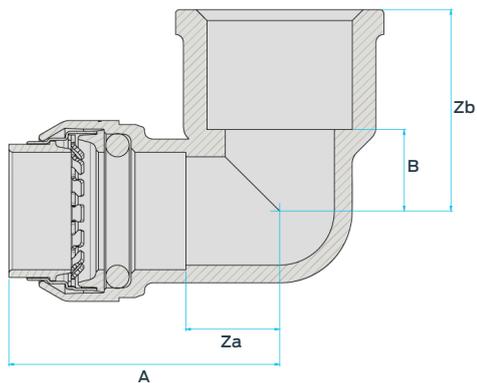
Application

- Hot and cold water
- Central heating systems
- Hot recirculating systems

Materials

Body	CW724R lead-free DZR brass
O-Ring	Ethylene-Propylene-Diene-Monomer Rubber (EPDM)
Cartridge ringe	304 Stainless Steel
Grab ring	316 Stainless Steel
Disconnecting ring	Acetal Copolymer
Alignment ring	Nylon 6

Dimensions



Product code	Size	A	Za	B	Zb
SBE121515F	15mm	36mm	12mm	26mm	10mm
SBE121820F	18mm	39mm	13mm	15mm	33mm