

Ball Valves

Scope of Use / Specification Sheet

SharkBite® plumbing fittings and pipe are manufactured in Australia at RWC's state of the art facilities. Stringent quality control and advanced manufacturing procedures guarantee product satisfaction.

SharkBite® is an advanced design push-to-connect plumbing system for potable water distribution. SharkBite® is available in an assortment of over 200 fittings and PEX pipe ranging from 16-25mm size. SharkBite® has been engineered with ease of use and disconnection in mind and while being the most dependable way to join copper and PEX Pipe in any combination – with no soldering, clamps, unions or glue.



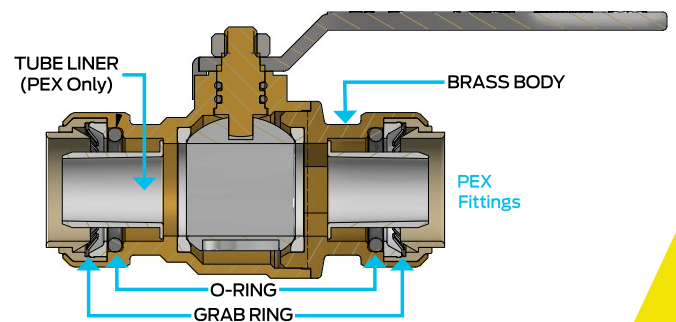
BVFRA009

Features and Benefits

- Quick and easy to install in both wet or dry conditions
- No expensive tools required - supplied ready for installation
- Approved for behind the wall application
- Instant push-to-connect connection. Cut. Push. Done.
- Removable after installation
- Intergral tube liner for PEX installations means no loose components and ensures a secure reliable connection

Product Code	
Code	Size / Model
BVF670	16mm x 16mm
BVF672	20mm x 20mm
BVF674	25mm (DN25Cu) x 25mm (DN25Cu)
BVF680	16mm x ½" FI
BVF682	20mm x ¾" FI
BVF684	25mm (DN25Cu) x 1" FI
BVFRA009	16mm x DN15Cu (NEW)
BVFRA017	20mm x DN20Cu (NEW)

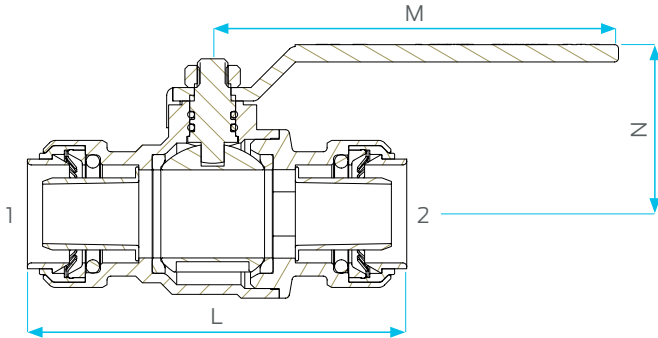
Materials	
Body	DZR Brass
Grab Ring	316 Stainless Steel
O-Ring	EPDM
Tube Liner	Polysulfone (PEX fittings only)



25 YEAR
GUARANTEE

All SharkBite fittings are guaranteed against defects in materials or manufacturing for a period of 25 years from the date of purchase.

Ball Valves



Model Dimensions

Code	1	2	L	M	N
BVF670	16 OD	16 OD	77	92	30
BVF672	20 OD	20 OD	92	105	44
BVF674	25 OD (DN25Cu)	25 OD (DN25Cu)	103	105	48
BVF680	16 OD	RP1/2"-15	69	92	38
BVF682	20 OD	RP3/4"-20	79	105	48
BVF684	25 OD (DN25Cu)	RP1"-25	92	105	48
BVFRA009	16 OD	DN15Cu	77	93.50	49.20
BVFRA017	20 OD	DN20Cu	89.8	106	57.95

Note: All measurements in mm unless otherwise stated.

Working Pressures and Temperatures

Pipe	Pressure/Temperature
PEX SDR9	Designed for operating at 2000kPa / 20°C Max operating values of 1000kPa / 70°C

PEX Dimensions

Nominal Outside Diameter	16mm	20mm	25mm
Average Wall Thickness	2.15mm	2.45mm	3.00mm
Average Internal Diameter	11.7mm	15.2mm	19.1mm

Installation

Installation is subject to the requirements of the applicable regulatory authority, the National Construction Code Volume Three – Plumbing Code of Australia, associated reference standards as applicable at the time and AS/NZS 3500.1.

Standards and Approvals



AS/NZS 4020, AS/NZS 2537.2
AS 2492 & AS 3688

Warranty

Reliance Worldwide Corporation (Aust.) Pty. Ltd. (RWC) will either replace or repair any defective goods where the defect arose as a result of manufacture within the warranty period. You may contact RWC at the phone number, address or e-mail shown below for further information or to make a claim.

Visit www.rwc.com.au/warranty to view the warranty statement in full and for further important information.