KIMPLAS
PIPING SYSTEMS PRIVATE LIMITED

TRUSTLENE Brand Pipes & Fittings

BALL VALVE COMPRESSION - FEMALE THREADED

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Maharashtra, INDIA.
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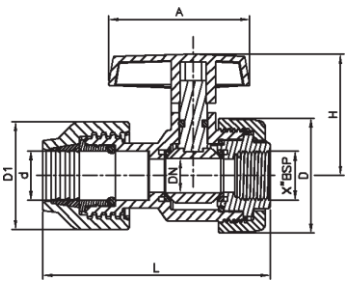

d	DN	ITEM Code	9	SP	L	D	H	A	X"BSP	S1
20	15	BVCF20X050BLA	116	100	96	49	52	60	½"	43
25	20	BVCF25X075BLA	184	65	115	60	58	65	¾"	54
32	25	BVCF32X100BLA	274	42	128	68	66	75	1"	65

Note : SP - Standard Packing Quality, g - Individual fitting weight in gms

Kimplas UPVC Ball Valves are designed to use with **PE,** PVC and metal pipes. Kimplas PVC Ball Valves are ideally suited for connecting House Service Connections (HSC) piping networks. The Valves are recommended for Cold Water Services within temperature range of 0°C to 40°C.

All types of Polyethylene Pipes i.e. **HOPE,** MOPE and LOPE (of grade PE100, PE80, PE63, **PE** 25 etc.) can be used with the Compression Female Threaded Valve. Unique design of the fitting facilitates insertion of the pipe into fitting without disassembling the fitting. For exact recommendations on use and applications, refer Kimplas Technical Specifications Manual

Standards:

Pipe compatibility: ISO :4427-2, EN:12201-2, IS:4984, DIN:8074 on compression side and threaded PVC/ Metal pipes on threading side.

Dimensions, Features& Functional Tests: ISO:3501,ISO:3503,ISO:3459

Threading: IS:554, ISO:7/1, DIN:2999

Complies with ISO:1452- Part4 and ISO: 14236

Common Applications:

PE Pipe to Metal pipe connection during transition to connect water meters

Pressurized Fluid Control

Pipe connections in areas difficult to access in narrow trenches

Connection with permanently laid down (immovable) pipes

For Industrial Plants, Conveyance of various Fluids and Food stuffs, Fresh water and Utility water etc

Installation :

Joint preparation must be done as specified in the installation instructions. Complete Installation Manual may be downloaded.

Female Threaded Valve:

Pipe ends must be cut square and burr-free before using with the valve. Chamfer may be provided on the PE pipe end to facilitate ease of pipe insertion. To install the valve, there is no need to open the nut and other components of the fitting. To install the fitting, just loosen the nut by three to four turns, insert the pipe into the fitting until the pipe crosses the rubber seal and stops at the pipe stop. Then tighten the nut by hands only. The nut should be closed tightly, however there is no need for the nut to actually meet the body. On the Threaded side, threaded pipes shall be screwed on by using sealant tape (Teflon or Plumber's Tape).

Advantages :

All body parts exposed to Sun are duly UV stabilized

Plastic & rubber materials conform to the Standard requirements for use with irrigation water

The Body & nut made up of PVC with its sturdy design holds the pipe-fitting assembly intact with continuous working pressures upto16 Bars

The grip ring made up of POM (Poly-acetal) prevents the pipe being pulled out from the fitting

The **PP** (Packing Pressure) Bush exerts thrust on the rubber O'-Ring / Gasket, compresses on pipe and fitting body to ensure leak-tightness

Rubber O'-Ring / Gasket prevent leakage under internal pressure as well as under external pressure as in case of vacuum and/or suction

Resistant to a wide range of Chemicals

Higher penetration of pipe in fittings enables proper alignment.

Full bore cross sections for higher flow

Clearance-Fit for ease of installation and repairs.

Tolerance fit to take care of ovality of coiled pipes.

Permanent Batch Indicator, Size, PN rating and Raw Material Grade marking for ease of traceability

Compact but sturdy design for ease of installation and trouble free service

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