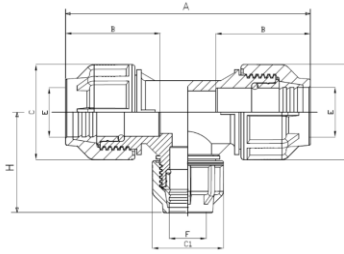


COMPRESSION REDUCED TEE



	Size	Code	SP	A	B	C	C1	E	F	L
1	32x20x32mm	CRTEE32x20x32BLA	25	177	70	65	45	34	22	80
2	32x25x32mm	CRTEE32x25x32BLA	25	177	70	65	53	34	54	80
3	63x50x63mm	CRTEE63x50x63BLA	3	320	188	117	93	65	27	138

Note : SP - Standard Packing Quality,

Kimplas Compression fittings PN 16 and are designed to use with all types of Polyethylene Pipes i.e. HOPE, MOPE (grade PE100, PE80, PE63, etc.). Unique design of the fitting facilitates insertion of the pipe into fitting without disassembling the fitting.

The working temperature range of the fittings is - 5° to + 40°C and the fittings are recommended for cold water services only. The fittings are ideally suited for connecting House Service Connections in Drinking Water Distribution piping networks. For exact recommendations on the applications and use, refer Kimplas Technical Specifications Manual.

Standards:

Pipe compatibility ISO :4427-2, EN:12201-2, IS: 4984, DIN: 8074
Dimensions, features & functional tests: ISO:3501, ISO:3503, ISO:3459
Threading: IS:554, ISO:7/1, BS:21, DIN:2999
Complies with ISO:14236

Common Applications:

For joining Pipe to threaded metal pipe fittings for pipe-laying
Pipe connections in areas difficult to access in narrow trenches
Repairing localized damages on pipes Connections
Pipe Connections of permanently laid down (immovable) Pipes
Enables speedy laying of Pipes in emergencies and ideal for semi permanent Water Supply Systems

Installation :

Joint preparation must be done as specified in the installation instructions. Pipe ends must be cut square and burr-free before using with the fittings. Chamfer may be provided on the pipe end to facilitate ease of pipe insertion. To install the fitting, 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. For fittings of size 40 mm & above a wrench recommended by Kimplas may be used for additional tightening. The nut should be closed tightly, however there is no need for the nut to actually meet the body. Complete Installation Manual may be downloaded.

Advantages :

The body is made of Polypropylene and designed with modular construction and axial reinforcement

The nut made of Polypropylene, with its sturdy design holds the pipe-fitting assembly intact with continuous working pressures upto 16 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 & 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

Plastic and rubber materials conform to the Standard requirements for use with potable water for human consumption.

Connecting to BSP threaded GI Pipe & fittings & brass/PVC valves etc

Higher penetration of Pipe in the fittings enables for proper alignment

Clearance-Fit for ease of installation and repairs

Tolerance fit to take care of ovality of coiled pipes

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

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

a.
:f
w
w
S:

