

## Electrofusion Equal Tee for Gas / Water - SDR 11 (ISO S5)



ITEM / SIZE	PRODUCT CODE
<b>Electrofusion Equal Tee SDR 11</b>	
40mm	201050401020302
50mm	201050501020302
75mm	201050701020302
160mm	201051201020302
180mm	201051301020302

Kimplas manufactures Electrofusion Tees of size d 20 to 125 mm. Equal Tees in diameters larger than 125 mm are sourced from well known and reputed European sources, guaranteed by Kimplas. These are manufactured in PE100 (Black) grade and are Standard SDR 11 rated. For exact recommendations on compatibility for welding with SDR 9 through SDR 21 or PN 6 through PN 16, refer Kimplas Technical Specifications Manual.

Kimplas Electrofusion Tee fittings are suitable for permanently connecting PE80 and PE100 pipes.

### Standards:

- PE Pipe Compatibility : IS:14885, ISO:4437, EN:1555-2, EN:12201-2, ISO:4427, IS:4984, DIN:8074
- Complies with EN 1555 - Part 3 & EN 12201 - Part 3

### Common Applications:

- ✓ Branch connections from mains in a distribution network
- ✓ Pipe branch connections in areas difficult to access in narrow trenches
- ✓ Connections of service connections, pipe stub ends etc.
- ✓ Pipe Connections with spigot end fittings

### Installation :

Joint preparation must be done as specified in the installation instructions. Pipe outside surface must be scraped to remove oxidized layer. Before fusing, pipe ends and inside of the fittings must be cleaned to remove dirt and contamination. Complete Installation Manual may be downloaded.

### Advantages :

- Standard Operating Voltage - 40 V
- Same fusion time for various SDR and PN rated pipes
- Higher penetration of pipe in the fittings enables proper alignment
- Optimal fusion and cold zone for a strong and sturdy joint.
- Auto Temperature compensation for ambient conditions -5°C to +40°C
- Clearance-Fit for ease of installation
- Pop-Up fusion indicators to indicate fusion process performance
- Permanent Batch Indicator, Fusion Time, Cooling Time, Raw Material Grade and SDR marking.
- Each fitting individually packed in PE bag to protect against contamination and oxidation.
- Each fitting with water-proof bar code to automatically feed fusion data to the Control-box for fusion process