

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



ITEM / SIZE	PRODUCT CODE
<b>Electrofusion Reducer SDR 11</b>	
125 x 110mm	201022601020302
160 x 110mm	201021401020302
180 x 125mm	201021501020302
200 x 160mm	201021601020302
225 x 160mm	201021701020302
250 x 180mm	201022001020302
315x 250mm	201022101020302

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

Kimplas Electrofusion Reducers are suitable for PE80 and PE100 pipes, both in straight as well as coil form.

### 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:

- ✓ Jointing of two different diameters of Pipe in mains and distribution network
- ✓ Pipe connections in areas difficult to access, with narrow trenches
- ✓ Connections with service connections, branch connections, transition fittings, 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
- 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