

## Electrofusion Elbow 90° for Gas / Water - SDR 11 (ISO S5)



ITEM / SIZE	PRODUCT CODE
<b>Electrofusion Elbow 90° SDR 11</b>	
40mm	201060401020302
50mm	201060501020302
75mm	201060701020302
160mm	201061201020302
180mm	201061301020302

Kimplas manufactures Electrofusion 90° Elbows of size d 20 to 125 mm. 90° Elbows 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 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 fittings are suitable for permanently connecting 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:

- ✓ Taking 90° turn on mains and distribution pipes in a distribution network
- ✓ Turning pipe through 90° in narrow trenches and in areas difficult to access
- ✓ Connections of service connections, 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

