

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



ITEM / SIZE	PRODUCT CODE
<b>Electrofusion Coupler SDR 11</b>	
140mm	201031101020302
160mm	201031201020302
180mm	201031301020302
200mm	201031401020302
225mm	201031501020302
250mm	201031601020302
280mm	201031701020302
315mm	201031801020302

Kimplas manufactures Electrofusion Couplers of size d 20 to 125 mm. Couplers 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 PN6 through PN 16 pipes, refer Kimplas Technical Specifications Manual.

Kimplas Electrofusion Couplers 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:

- ✓ Pipe to pipe connection during laying
- ✓ Pipe connections in areas difficult to access, in narrow trenches
- ✓ Repairing localised damages on pipes
- ✓ Connections of transition fittings, pipe stub ends etc
- ✓ Pipe Connections with spigot end fittings.
- ✓ Reinforcements of squeezed or kinked portions of permanently laid down (immovable) pipes

### 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 & PN rated pipes
- Higher penetration of pipe in the fittings enables proper alignment
- Optimal fusion and cold zone for a sturdy joint
- Auto Temperature compensation for ambient conditions of - 5°C to +40°C
- Clearance-Fit for ease of installation & Centre Stop (removable) for ease of repairs
- 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 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

