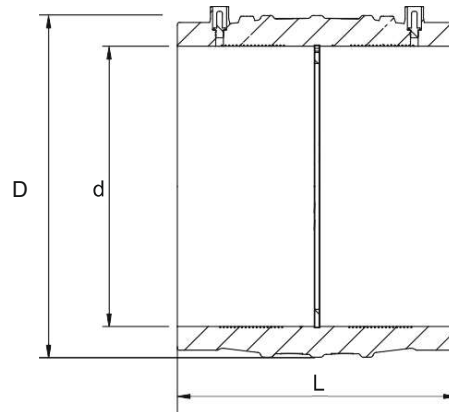


ELECTROFUSION COUPLER - HIGHER SIZE

For Gas/Water-SDR 17.6



Kimplas Electrofusion Couplers are manufactured in PE 100 (Black) material and are of SDR 17.6 rated. For exact recommendations on compatibility, for welding with SDR 9 through SDR 21 or PN 6 through PN 16 pipe, refer Kimplas Technical Specifications Manual. Kimplas Electrofusion fittings are suitable for permanently connecting to PE 80 and PE 100 pipes.

SPECIFICATION TABLE

| d | Product Code | SP | Minimum Weight (gm) | D (mm) | L (mm) | FT | CT |
|-----|--------------|----|---------------------|--------|--------|-----|----|
| 140 | C140BKB | 7 | 1060 | 170 | 165 | 240 | 20 |
| 160 | C160BKB | 12 | 1440 | 190 | 180 | 380 | 20 |
| 180 | C180BKB | 9 | 1850 | 215 | 190 | 400 | 20 |
| 200 | C200BKN | 6 | 2160 | 235 | 183 | 480 | 30 |
| 225 | C225BKBN | 4 | 3470 | 265 | 232 | 690 | 30 |
| 250 | C250BKBN | 1 | 4170 | 290 | 244 | 840 | 40 |
| 280 | C280BKBN | 2 | 5520 | 330 | 258 | 650 | 40 |
| 315 | C315BKBN | 1 | 7410 | 370 | 274 | 840 | 40 |

BKB - PE 100 Black - 4mm Pin

BK8A - PE 80 Black - 4.7mm pin

BKA PE 100 Black - 4.7mm pin

BK8B - PE 80 Black - 4mm Pin

SP=Standard Pack Quantity, FT=Fusion Time in Seconds, CT=Cooling Time in Minutes, SP and Weight are given for reference only

Note: Every effort has been made to ensure the information in this brochure is correct at the date of issue. Kimplas operates a policy of continual product improvement and range extension, hence reserves the right to modify product specifications, without prior information, in line with market requirements.

TRUSTLENE

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STANDARDS

- Complies with EN1555- Part 3 for Gas, EN12201- Part 3 for Water. AS/NZS 4129 for Gas & Water GIS-PL2-Part 4 for Gas
- PE Pipe Compatibility : ISO 4437, EN:1555-2, EN:12201-2, IS:4984, DIN: 8074.

COMMON APPLICATIONS

- Pipe to pipe connections during laying.
- Pipe connections in areas difficult to access, in narrow trenches.
- Repairing localised damages on pipe, connections of transition fittings, pipe stub ends etc.
- Pipe connections with spigot end fittings.
- Reinforcement of squeezed or kinked portions of permanently laid (immobile) 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 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.
- Couplers are with removable stoppers
- Pop-Up fusion indicators to indicate fusion process performance.
- Permanent Batch indicator, Fusion Time, Cooling Time, Raw Material Type 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.

Contact Us

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