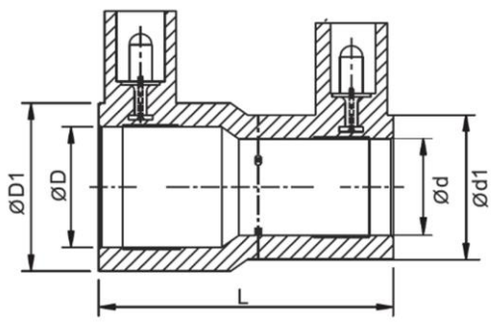
KIMPLAS
PIPING SYSTEMS PRIVATE LIMITED

ELECTROFUSION REDUCER

For Gas & Water-SDR 11 (ISO S5)





Kimplas Electrofusion Reducers are manufactured in PE 80 (Yellow) and PE 100 Black material and are of SDR11 rating. For exact recommendations on compatibility for welding with SDR 9 through SDR 21, refer Kimplas Technical Manual. Kimplas Electrofusion Reducers are suitable for permanently connecting PE 80 pipes and PE 100 pipes, both in straight as well as in coil form.

SPECIFICATION TABLE

Dxd	Product Code	SP	Weight (gm)	D1 (mm)	d1 (mm)	L (mm)	FT	CT
d20mmx3/4"	R20X075BK8B	175	77	38	31	75	26	4
d25mmx3/4"	R25X075BK8B	175	50	38	38	70	28	4
d32mmx3/4"	R32X075BK8B	120	65	44	39	78	30	4
d32mmx1"	R32X100BK8B	150	90	46	46	75	42	4
d63mmx2"	R63X200BK8B	35	210	81	81	100	70	7

BKBN - PE 100 Black - 4mm Pin YEA - PE 80 Yellow - 4.7mm 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.

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STANDARDS

- PE Pipe Compatibility : IS:14885, ISO:4437, EN:1555-2,GIS PL 2 / 2.
- Complies with EN1555- Part 3 for Gas, EN12201- Part 3 for Water.
  AS/NZS 4129 for Gas & Water GIS-PL2-Part 4 for Gas

COMMON APPLICATIONS

- Jointing of two different diameters of Pipe in mains & distribution network.
- Pipe connections in areas difficult to access in narrow trenches.
- Major use for House Service Connections, Branch Connections, Transition Fittings, Pipes 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 -40V.
- Same fusion time for various SDR 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 & 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 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.

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Disclaimer : Kimplas reserve the right to modify product without prior notice, as part of its continual improvement programme. Whilst every affort is taken to ensure the accuracy of information contained in the data Sheet, Kimplas accepts no liability for matters arising as a result of errors or omissions.