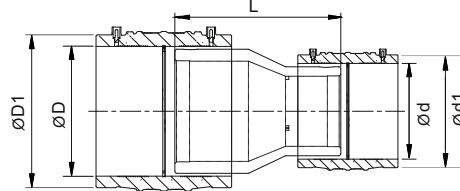


## ELECTROFUSION REDUCER - HIGHER SIZE

for Gas / Water - SDR11 (ISO S5)



Kimplas Higher size Electrofusion Reducers are manufactured in PE 100 (Black) material and are of SDR 11 rating (PN 16). They are suitable to weld SDR 9 through SDR 21 or PN 6 through PN 16 Pipes. Kimplas Electrofusion fittings are suitable for permanently connecting MDPE 80 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)
140x90	R140X90R11BKBSET	5	2537	170	113	367
140x110	R140X110R11BKBSET	5	3018	170	138	387
140x125	R140X125R11BKBSET	5	3457	170	155	388
160x90	R160X90R11BKBSET	4	3301	193	113	398
160x110	R160X110R11BKBSET	4	3664	193	138	416
160x125	R160X125R11BKBSET	4	4177	193	155	424
160x140	R160X140R11BKBSET	4	4270	193	170	427
180x110	R180X110R11BKBSET	2	4387	215	138	432
180x125	R180X125R11BKBSET	2	4796	215	155	440
180x160	R180X160R11BKBSET	2	5653	215	193	459
200x110	R200X110R11BKBSET	2	5261	246	138	467
200x140	R200X140R11BKBSET	2	5829	246	155	476
200x160	R200X160R11BKBSET	2	6219	246	193	490
200X180	R200X180R11BKBSET	2	6924	246	215	506
225x110	R225X110R11BKBSET	1	7147	277	138	503
225x160	R225X160R11BKBSET	1	8109	277	193	515
225x180	R225X180R11BKBSET	1	8836	277	215	526
225x200	R225X200R11BKBSET	1	9528	277	246	562
250x160	R250X160R11BKBSET	1	9627	292	193	537
250x180	R250X180R11BKBSET	1	10708	292	215	559
250x200	R250X200R11BKBSET	1	11116	292	246	579
250x225	R250X225R11BKBSET	1	12708	292	277	590
280x180	R280X110R11BKBSET	1	13190	342	215	627
280x200	R280X200R11BKBSET	1	13828	342	246	642
280x225	R280X225R11BKBSET	1	15350	342	277	646
280x250	R280X250R11BKBSET	1	17118	342	292	665
315x225	R315X225R11BKBSET	1	19182	386	277	707
315x250	R315X250R11BKBSET	1	20596	386	292	714
315x280	R315X280R11BKBSET	1	22508	386	342	719

11BKBSET - SDR 11 PE 100 Black - 4mm Pin

17BKBSET - SDR 17 PE 100 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.

## 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.

## Contact Us

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