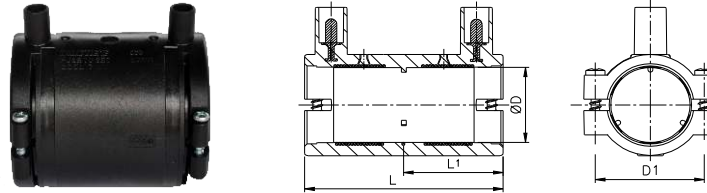


## Electrofusion I.C. Coupler for GAS/WATER - SDR 11 (ISO S5)



D	PRODUCT CODE		SP	g	D1	L	L1	F-T	C-T
	PE 100 Black 4 mm Pin Terminal	PE 100 Black 4.7mm Pin Terminal							
20	217010101010101	217010102010101	250	53	31	77	37.5	22	4
25	217010201010101	217010202010101	150	63	36	79	38.5	28	4
32	217010301010101	217010302010101	135	75	44	82	40	42	4
40	217010401010101	217010402010101	110	96	53	83	40.5	52	7
50	217010501010101	217010502010101	50	141	65	97	51.5	55	7
63	217010601010101	217010602010101	30	220	81	100	49	70	7

Note: SP= Standard Pack Quantity, g= Weight in Grams, F-T= Fusion Time in seconds, C-T= cooling time in minutes

Kimplas Electro-fusion couplers, manufactured in PE 100 Black grade are Standard SDR 11 rated (PN 16). 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 MDPE 80 and PE 100 pipes, both in straight form as well as coiled form.

### Standards:

- EF couplers complies with EN 1555-part 3
- PE pipe compatibility- IS: 14885, EN 1555-2,  
IS: 4984, EN 12201-2, ISO: 4437, DIN: 8074, ISO: 4427-2.

### Common Applications:

- ✓ Pipe to pipe connections during laying
- ✓ Pipe connections in areas difficult to access, in narrow trenches
- ✓ Repairing localised damages on pipes, pipes stub ends, connections of transition fitting 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 oxidised layer. Before fusing, pipe ends and spigot end of the fittings must be cleaned to remove dirt and Contamination. Complete Installation Manual may be downloaded.

### Advantages :

- Standard operating voltage - 40 V
- Provided with Screws for quick connection of pipes with coupler. No need of external clamps.
- Fitting with integral clamping for holding and exact fitment of fitting with pipe.
- More connections with less effort. Save time on site.
- Brings down inventory of tools and associated costs.
- Clearance Fit for ease of installation and removable centre stops for easy repairs.
- Same fusion time for various SDR rated pipes.
- Optimal fusion and cold zone for a strong and sturdy joint.
- Permanent Batch Indicator, Raw Material Grade and SDR marking.
- Each fitting individually packed in PE bag to protect against contamination and oxidation.