

EF ONE PIECE END CAP

For Gas/Water-SDR 11 (ISO S5)



Kimplas Electrofusion End Caps are manufactured in PE 80 (Yellow) & PE 100 (Black) material and are of SDR 11 rating. One piece end caps are designed with a provision of using alignment clamps while installation. 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, both in straight as well as in coil form.

SPECIFICATION TABLE

d	Product Code	SP	Weight (gm)	L(mm)	L1 (mm)	L2 (mm)	FT	CT
63	EFEC63BK8B	42	174	96	53	19	30	4
75	EFEC75BK8B	36	218	100	52	19	45	7
90	EFEC90BK8B	22	380	120	65	20	70	15
110	EFEC110BK8B	14	647	140	78	21	135	12
125	EFEC125BK8B	8	870	149	80	21	100	15

BKB - PE 100 Black - 4mm Pin
BKA - PE 100 Black - 4.7mm Pin

BK8A - PE 80 Black - 4.7mm Pin
BK8B - PE 80 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.

STANDARDS

- PE Pipe Compatibility : IS:14885, ISO:4437, EN:1555-2, EN: 12201-2, ISO:4427, IS: 4984, DIN:8074.
- 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

- Closing ends of pipe permanently on mains and distribution pipes in a distribution network.
- Closing spigot end of 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 - 40 V.
- Same fusion time for fusion with various SDR & 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.
- Clearance-Fit for ease of installation.
- 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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