



ELECTROFUSION END CAP

1201/01-001

PE100, 4.0mm Fusamatic (Automatic) Pin

PE100 Electrofusion end cap with 4.0mm Fusamatic pin. For gas, water, wastewater, irrigation and mining applications. All fittings are manufactured using virgin PE100 black polyethylene.

Electrofusion fittings enable utilities, designers and contractors to create fully welded pipe networks.

The production quality, reliability and flexibility of electrofusion fittings provides the certainty and peace of mind needed for polyethylene pipe jointing.

Product description:

Electrofusion end cap for gas, water, wastewater, irrigation and mining applications. 4.0mm Fusamatic pin, PE100, Water PN16, Gas 10 Bar. Temperature range on electrofusion fittings -10°C/+40°C.

Standards:

Fusion have numerous local and international product approvals as well as ISO 9001 and ISO 29001 quality management system approvals.

Fusamatic branded electrofusion fittings are designed and manufactured to the product standards listed (other product certificates are available upon request).

- EN ISO 15494
- EN 12201-3
- EN 1555-3
- ISO 4437-3
- ISO 4427-3

Note: Regional variations may apply to some of the standards referenced. Please contact us for further details.

Features:

- All fittings are manufactured using virgin PE100 black polyethylene
- Water PN16 / Gas 10 Bar (All stated technical specifications depend on PE pipe welded to and any local pipeline pressure regulations)
- Fusamatic pin 4.0mm (automatic method to ensure correct welding parameters are used)
- Rising pin fusion indicators allow for easy monitoring of the fusion process
- Manual welding parameters moulded into the body of the fitting
- All electrofusion fittings are individually numbered for precise tracking
- Permanent batch number - clearly marked for quality control
- Barcode and QR code enables full traceability of each fitting back to raw materials and critical components
- Welding barcode compliant with ISO 13950 and traceability barcode compliant with ISO 12176-4
- Fusamatic branded

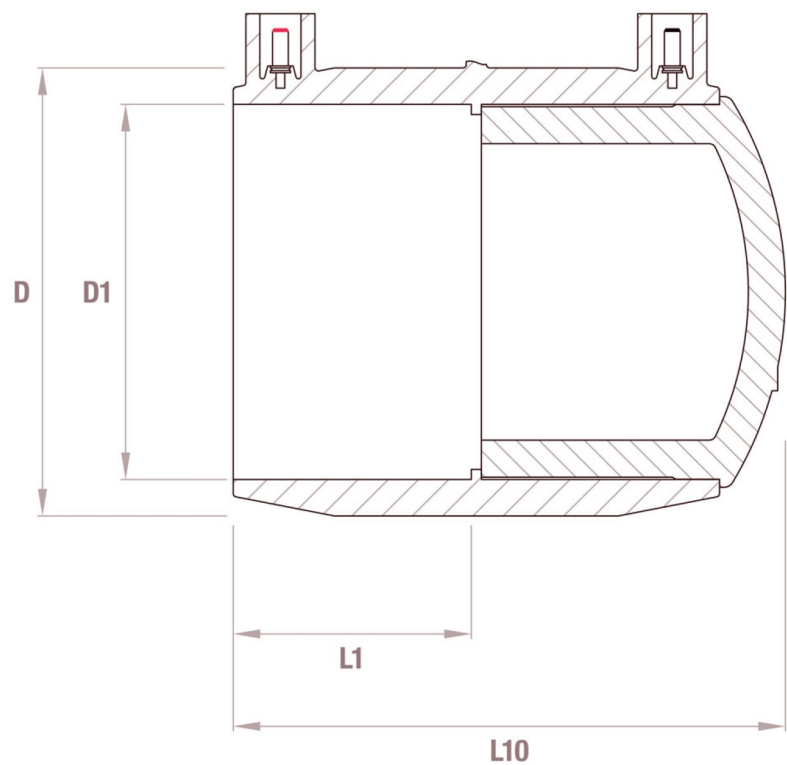
Accessories:

- Electrofusion control box, pipe cutters, pipe scrapers, pipe alignment and rerounding clamps, generators, Fusion Assist.



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Reference nos. and dimensions:

Ref. No.	Fitting Size	L10	L1	D	D1	SDR Range	Fusion Time	Cooling Time	Theoretical weight / kg
	mm	mm	mm	mm	mm		Secs	Mins	
ECBKHFA20	20	82	37.5	29	20	11	35	3	0.045
ECBKHFA25	25	82	37.5	33.5	25	11	30	3	0.052
ECBKHFA32	32	84	37.5	43	32	11	45	3	0.08
ECBKHFA40	40	97	44	51.5	40	11	40	5	0.118
ECBKHFA50	50	101	44	61.5	50	11	90	5	0.138
ECBKHFA63	63	115	50	78	63	11	35	3	0.248
ECBKHFA75	75	133	59.5	92.5	75	11 - 17.6	50	5	0.384
ECBKHFA90	90	138	60	109.5	90	11 - 17.6	90	10	0.545
ECBKHFA110	110	164	70	133	110	11 - 17.6	160	10	0.885
ECBKHFA125	125	175	75	151	125	11 - 17.6	200	15	1.224
ECBKHFA140	140	208	81	173	140	11 - 17.6	160	10	1.9
ECBKHFA160	160	202	86	195	160	11 - 17.6	300	20	2.242
ECBKHFA180	180	214	92	219	180	11 - 17.6	360	20	3.126
ECBKHFA200	200	215	92	242	200	11 - 17.6	440	20	3.853
ECBKHFA225	225	251.7	111	270	225	11 - 17.6	600	30	6
ECBKHFA250	250	259.5	111	303	250	11 - 21	900	30	7.73

Comments:

Check that both pipe(s) and fitting to be joined are compatible, only compatible materials should be joined together. Check the PN and SDR rating marked on fitting and compare with that of the pipe. If in doubt, seek advice from the manufacturer. Correct installation procedures should be followed.