

## PRODUCT DATA SHEET

**Name of Product : “FUSAMATIC” Electrofusion Fittings**

Product Description	“Fusamatic” electrofusion fittings are Polyethylene fittings designed for joining polyethylene pipe for water, gas and other fluid transportation applications by means of an integral heating element within the bore of the fitting.
Colour	Generally Black but a limited range of Yellow fittings are available.
Storage Conditions	Fittings are supplied in sealed polyethylene bags and cardboard boxes. Boxes should be stored in a clean, dry area and out of direct sunlight to minimise risk of condensation within the bags. Fittings can be stored up to 5 years providing sealed bags are intact and no moisture build up has occurred.

### APPLICATION

Maximum Operating Pressure	Dependant on specification requirements but generally 16 bar for water applications and 10 bar for gas applications
Installation Temperature Range	- 10 deg C up to 40 deg C
SDR Range	Dependant on fitting size
Operating Voltage	39 V - 40 V

## MATERIAL PROPERTIES

Density	0.96 kg/m <sup>3</sup>	ISO 1183
Melt Flow Rate	0.55 g/10 min	ISO 1133
Melt Temperature	190 – 260 °C	
Carbon Black Content	≥ 2 %	ISO 6964
Thermal Stability (210 °C)	> 15 min	EN728

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