



POLYOLEFIN HEATSHRINK SLEEVING

EPO is a high specification, flame retarded, irradiated polyolefin sleeving offering excellent electrical, chemical and physical properties. Available in a wide variety of sizes and colours it is approved to MIL and UL specifications. It is a first choice for industrial and military applications.

MATERIAL CHARACTERISTICS

Continuous temperature	-55 to 135 °C
Shrink temperature	120 °C
Shrink ratio	2 : 1
Dielectric strength	to EPO 254 20 kV/mm above EPO 254 10kV/mm
Tensile strength	14 MPa
Elongation at break	400 %
Longitudinal change	5 % max
Heat ageing	168 h @ 175 °C
Corrosion resistance	Non corrosive
Flammability	Passes UL224 VW1
Fluid resistance	Passes ISO 37 @ 1817
Specifications	UL224 & CSA (not clear) MIL-I-23053/5 Class 1 & 2 Def Stan 59-57 Type 2B, BS3G 198 Part 3 11B
RoHS compliant	yes

Part no.	Min. supplied dia. mm	Recovered dia. mm	Recovered wall mm(nom)	Reel size m
EPO 12	1.2	0.6	0.45	300
EPO 16	1.6	0.8	0.45	300
EPO 24	2.4	1.2	0.50	150
EPO 32	3.2	1.6	0.50	150
EPO 48	4.8	2.4	0.50	150
EPO 64	6.4	3.2	0.65	75
EPO 95	9.5	4.8	0.65	75
EPO 127	12.7	6.4	0.65	75
EPO 190	19.0	9.5	0.75	75
EPO 254	25.4	12.7	0.90	30
EPO 381	38.1	19.0	1.15	30
EPO 508	50.8	25.4	1.20	30
EPO 762	76.2	38.1	1.25	15
EPO 1016	101.6	50.8	1.40	15

Standard colour - black, Other colours and cut pieces available to order.

Birch Valley Plastics Ltd, Darklake View, Estover, Plymouth PL6 7TL, England
 Telephone: +44 (0)1752 696515 Fax: +44 (0)1752 696724

Website: www.birchvalley.co.uk Email: info@birchvalley.co.uk