



HALOGEN FREE, LOW SMOKE SLEEVING

This tubing has been developed to meet the current requirements for a low smoke, halogen free tubing in a similar range of sizes and colours to normal PVC sleeving. Polyolefin based it can be extruded in any size and wall thickness required and the compound meets the requirement of DEF Stan 02-713. This sleeving should be used in all requirements where conventional tubing, including green/yellow earth sleeving, is considered unsuitable.

MATERIAL CHARACTERISTICS

Operating Temperature	-25 to 90 deg C	
Density	1.54	ISO 1183-1
Tensile strength	15 MPa	IEC 60811-1-1
Elongation at break	163%	IEC 60811-1-1
Tear strength	5.3 N/mm	BS 6469-99-1
Smoke Density	flaming	60 Ds (max) ASTM E-662
	Non flaming	292 Ds ASTM E-662
Oxygen Index	37%	ISO 4589-2
Toxicity	<1	Def Stan 02-713
Halogen content	0%	IEC 60754-1
Melt Point after air ageing		
at 60 deg C	Tensile strength retention >90%	UL 1581 (60 deg C)
	Elongation at break retention >70%	
at 75 deg C	Tensile strength retention >90%	UL 1581 (75 deg C)
	Elongation at break retention >60%	
At 90 deg C	Tensile strength retention >80%	UL 1581 (90deg C)
	Elongation at break retention >60%	
Cold elongation at -25 deg C	50%	
RoHS compliant	yes	

The information given above is based on sleeving tests but should be confirmed by customers own tests

Part no.	Nom. supp dia. mm	Nom. wall mm	Coil Length m
ZH 2 X .5	2.0	0.5	100
ZH 3 X .5	3.0	0.5	100
ZH 4 X .5	4.0	0.5	100
ZH 5 X .5	5.0	0.5	100
ZH 6 X .5	6.0	0.5	100
ZH 8 X .5	8.0	0.5	100
ZH 10 X .5	10.0	0.5	100

Other sizes and wall thickness are available.

Standard colour - black, blue, grey, brown., green/yellow

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

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