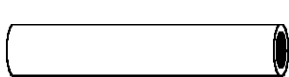




Birch Valley Plastics Ltd, Darklake View, Estover, Plymouth, PL6 7TL, England.
 Telephone: +44 (0)1752 696515 Fax: +44 (0)1752 696724
 and at 1, Enterprise Close, Factory Lane, Croydon, CR0 3RZ
 Telephone 020 8665 8100 Fax 0208 8665 8100
 Website: <http://www.birchvalley.co.uk> E mail: info@birchvalley.co.uk



P.V.C. SLEEVING U.L.APPROVED

A 105C rated soft P.V.C extruded and approved to UL 224. Highly flame retarded this tubing passes the VW1 flame test. The tubing is rated by Underwriters Laboratories at 300V or 600V depending on the wall thickness.

MATERIAL CHARACTERISTICS

Continuous temperature 40 to 105 C
 Insulation resistance 10^{12} Ohm/cm
 Dielectric strength 25 kV/mm
 Tensile strength 22 MPa
 Elongation at break 260 %
 Hardness BSS25-35
 Flammability passes VW1 flame test specification
 Specification UL224 File No. E183946
 RoHS compliant yes

TEST METHODS

IEC 243
 ISO 37
 ISO 37

Part no Metric 300V	Inside dia. mm	Nom.wall mm 300V	Part no AWG 300V	Inside dia. mm	Nom.wall mm 300V
UL-Y 1 x .4	1.0	0.4	UL-AWG18	1.1	0.4
UL-Y 1.5 x .4	1.5	0.4	UL-AWG17	1.2	0.4
UL-Y 2 x .4	2.0	0.4	UL-AWG16	1.4	0.4
UL-Y 2.5 x .4	2.5	0.4	UL-AWG15	1.5	0.4
UL-Y 3 x .5	3.0	0.5	UL-AWG14	1.7	0.4
UL-Y 4 x .5	4.0	0.5	UL-AWG13	1.9	0.4
UL-Y 5 x .5	5.0	0.5	UL-AWG12	2.2	0.4
UL-Y 6 x .5	6.0	0.5	UL-AWG11	2.4	0.4
UL-Y 7 x .5	7.0	0.5	UL-AWG10	2.7	0.4
UL-Y 8 x .6	8.0	0.6	UL-AWG9	3.0	0.5
UL-Y 9 x .6	9.0	0.6	UL-AWG8	3.4	0.5
UL-Y 10 x .6	10.0	0.6	UL-AWG7	3.8	0.5
UL-Y 12 x .6	12.0	0.6	UL-AWG6	4.2	0.5
UL-Y 14 x .7	14.0	0.7	UL-AWG5	4.7	0.5
UL-Y 16 x .7	16.0	0.7	UL-AWG4	5.3	0.5
UL-Y 20 x .8	20.0	0.8	UL-AWG3	5.9	0.5
UL-Y 25 x .8	25.0	0.8	UL-AWG 2	6.7	0.5
			UL-AWG 1	7.5	0.5
			UL-AWG 0	8.4	0.5

Both metric and AWG sizes are available in 600V and can be supplied on reels or coils. Imperial sizes also approved.
 All sizes available in cut lengths. Standard colours - all colours approved including clear .