



RU P.V.C. SLEEVING U.L. APPROVED 300V

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

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.
 Standard colours - all colours approved but clear currently not available

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