PVC Tubing



PRODUCT DESCRIPTION

105℃ ULPVC material
Operating temperature: -45℃~105℃
Reated voltage: 300V~600V
Flame retardant: UL224VW-1
Excellent insulation
Good flexiblity
Resistance to acid& oil
Hook up wire & lead wire protection

APPLICATION

For general insulation and protection for appliance.,Wire harness, teansformer, lead wire of motors, ect.

Technical Data

Property	Value
Volume resistivity	≥ 10^{11}Ω.cm
Tensile strength	≥12.5Mpa
Elongation	≥150%
Tensile strength after aging	≥10Mpa
Elongation after aging	≥120%
Cold bend	No Cracking

Code	AWG No.	I.D (mm)	Wall Thickness (mm)	
			600V105℃	300V105℃
PVC05	24	0.5	0.43~0.55	0.34~0.45
PVC065	22	0.65	0.43~0.55	0.34~0.45
PVC085	20	0.85	0.43~0.55	0.34~0.45
PVC09	19	0.9	0.43~0.55	0.34~0.45
PVC1.0	18	1.0	0.43~0.55	0.34~0.45
PVC1.2	17	1.2	0.43~0.55	0.34~0.45
PVC1.3	16	1.3	0.56~0.70	0.34~0.45
PVC1.5	15	1.45	0.56~0.70	0.34~0.45
PVC1.6	14	1.6	0.56~0.70	0.34~0.45
PVC1.8	13	1.8	0.56~0.70	0.34~0.45
PVC2.0	12	2.0	0.56~0.70	0.34~0.45
PVC2.3	11	2.3	0.56~0.70	0.34~0.45
PVC2.6	10	2.6	0.56~0.70	0.34~0.45
PVC3.0	9	2.9	0.56~0.70	0.43~0.55
PVC3.3	8	3.25	0.56~0.70	0.43~0.55
PVC3.5	7	3.65	0.56~0.70	0.43~0.55
PVC4.0	6	4.1	0.56~0.70	0.43~0.55
PVC4.5	5	4.6	0.56~0.70	0.43~0.55
PVC5.0	4	5.2	0.56~0.70	0.43~0.55
PVC6.0	3	5.8	0.56~0.70	0.43~0.55
PVC6.5	2	6.5	0.56~0.70	0.43~0.55
PVC7.0	1	7.35	0.56~0.70	0.43~0.55
PVC8.5	0	8.25	0.56~0.70	0.43~0.55
PVC8.0	5/16	7.9	0.56~0.70	0.56~0.7
PVC10	3/8	9.5	0.56~0.70	0.56~0.7
PVC11	7/16	11.1	0.56~0.70	0.56~0.7
PVC13	1/2	12.7	0.56~0.70	0.56~0.7
PVC15	9/16	14.3	0.76~0.85	0.76~0.95
PVC16	5/8	15.9	0.76~0.85	0.76~0.95
PVC19	3/4	19	0.76~0.85	0.76~0.95
PVC22	7/8	22.2	0.76~0.85	0.76~0.95
PVC25	1	25.4	0.76~0.85	0.76~0.95
PVC27	1-1/16	27	0.76~0.85	0.76~0.95
PVC32	1-1/4	31.8	0.81~±0.6	0.76~0.95
PVC38	1-1/2	38.1	0.99~±0.6	0.76~0.95
PVC44	1-3/4	44.5	1.19~±0.6	0.76~0.95
PVC50	2	50.8	1.27~±0.6	0.76~0.95