



Non-shrinkable PVC tubing

Non-shrinkable PVC tubing is a flexible flame-retardant non-shrinkable tubing which has excellent electrical and physical performances, acid and corrosion resistance. Widely used for insulation purpose of electronics, home appliances, automobile, small electrical parts, lead wires of toy motors and transformers, ect.

Performance characteristics

Item	Performance index	
UL224 Temperature class	90℃	105℃
Continuous Operating temperature	-30℃~+90℃	-30℃~+105℃
Tensile strength(MPa)	≥10.4	
Elongation at break(%)	≥100	
Flame retardancy	VW-1	
Cold bend(-30℃*1h)	NO Cracking	
Voltage withstand(V)	300V,600V	
Corrosion of bare copper	No Corrosion	
Heat shock	NO Cracking	
Maximum longitudinal change	±10%(120℃*1h)	

Dimensions

Size (mm)	Inner Diameter		Thickness				Package(m/roll)
	Average	Tolerance	300V		600V		
			Average	Tolerance	Average	Tolerance	
φ1.0	1.0	±0.1	±0.1	-0.04, +0.04	0.50	-0.05, +0.05	500
φ1.5	1.5	±0.1	±0.1	-0.04, +0.04	0.60	-0.05, +0.05	500
φ2.0	2.0	±0.2	±0.2	-0.04, +0.04	0.60	-0.05, +0.05	500
φ2.5	2.5	±0.2	±0.2	-0.04, +0.04	0.60	-0.05, +0.05	500
φ3.0	3.0	±0.3	±0.3	-0.05, +0.05	0.60	-0.05, +0.05	305
φ3.5	3.5	±0.3	±0.3	-0.05, +0.05	0.60	-0.05, +0.05	305
φ4.0	4.0	±0.3	±0.3	-0.05, +0.05	0.60	-0.05, +0.05	305
φ4.5	4.5	±0.3	±0.3	-0.05, +0.05	0.60	-0.05, +0.05	305
φ5.0	5.0	±0.3	±0.3	-0.05, +0.05	0.60	-0.05, +0.05	305
φ5.5	5.5	±0.3	±0.3	-0.05, +0.05	0.60	-0.05, +0.05	305
φ6.0	6.0	±0.3	±0.3	-0.05, +0.05	0.60	-0.05, +0.05	305
φ6.5	6.5	±0.3	±0.3	-0.05, +0.05	0.60	-0.05, +0.05	305
φ7.0	7.0	±0.3	±0.3	-0.05, +0.05	0.60	-0.05, +0.05	305
φ7.5	7.5	±0.4	±0.4	-0.05, +0.05	0.60	-0.05, +0.05	305
φ8.0	8.0	±0.4	±0.4	-0.05, +0.05	0.60	-0.05, +0.05	200
φ8.5	8.5	±0.4	±0.4	-0.05, +0.05	0.60	-0.05, +0.05	200
φ9.0	9.0	±0.4	±0.4	-0.05, +0.05	0.60	-0.05, +0.05	200
φ9.5	9.5	±0.4	±0.4	-0.05, +0.05	0.60	-0.05, +0.05	200
φ10.0	10.0	±0.5	±0.5	-0.05, +0.05	0.60	-0.05, +0.05	100
φ10.5	10.5	±0.5	±0.5	-0.05, +0.05	0.60	-0.05, +0.05	100
φ11.0	11.0	±0.5	±0.5	-0.05, +0.05	0.60	-0.05, +0.05	100
φ11.5	11.5	±0.5	±0.5	-0.05, +0.05	0.60	-0.05, +0.05	100
φ12.0	12.0	±0.5	±0.5	-0.05, +0.05	0.60	-0.05, +0.05	100
φ12.5	12.5	±0.5	±0.5	-0.05, +0.05	0.60	-0.05, +0.05	100
φ13.0	13.0	±0.5	±0.5	-0.05, +0.05	0.60	-0.05, +0.05	100
φ13.5	13.5	±0.5	±0.5	-0.05, +0.05	0.60	-0.05, +0.05	100
φ14.0	14.0	±0.5	±0.5	-0.05, +0.05	0.60	-0.05, +0.05	100
φ14.5	14.5	±0.5	±0.5	-0.05, +0.05	0.60	-0.05, +0.05	100
φ15.0	15.0	±0.5	±0.5	-0.05, +0.05	0.60	-0.05, +0.05	100
φ15.5	15.5	±0.5	±0.5	-0.05, +0.05	0.60	-0.05, +0.05	100
φ16.0	16.0	±0.5	±0.5	-0.05, +0.08	0.75	-0.05, +0.08	100
φ16.5	16.5	±0.5	±0.5	-0.05, +0.08	0.75	-0.05, +0.08	100
φ17.0	17.0	±0.5	±0.5	-0.05, +0.08	0.75	-0.05, +0.08	100
φ17.5	17.5	±0.5	±0.5	-0.05, +0.08	0.75	-0.05, +0.08	100
φ18.0	18.0	±0.5	±0.5	-0.05, +0.08	0.75	-0.05, +0.08	50
φ18.5	18.5	±0.5	±0.5	-0.05, +0.08	0.75	-0.05, +0.08	50
φ19.0	19.0	±0.7	±0.7	-0.05, +0.08	0.75	-0.05, +0.08	50
φ19.5	19.5	±0.7	±0.7	-0.05, +0.08	0.75	-0.05, +0.08	50
φ20.0	20.0	±0.7	±0.7	-0.05, +0.08	0.75	-0.05, +0.08	50
φ25.0	25.0	±0.7	±0.7	-0.05, +0.10	0.80	-0.05, +0.10	25
φ30.0	30.0	±0.7	±0.7	-0.05, +0.10	0.80	-0.05, +0.10	25
φ35.0	35.0	±1.0	±1.0	-0.10, +0.10	0.95	-0.10, +0.10	25