



DM-PVC

MECHANICAL & THERMAL PROTECTION

Flexible, general purpose flame retardant tubing

Features

General-purpose polyvinyl chloride (PVC) sleeves are made of general purpose polyvinyl chloride (PVC) colloidal particles, dried, heated and melted by an extruder, compressed to form, cooled with cold water, and rolled up. Has good flexibility, mechanical properties, dielectric properties, flame retardancy, etc. Meet the environmental standards. Widely used electrical appliances, motors, transformers lead wire insulation, wiring harnesses, insulating sleeve protection for electronic components, gas, liquid circulation pipes and so on.

Various

- 1.Flame retardant, environmental protection
- 2.Operating temperature : -20°C to +105°C
- 3.Environmental standards : RoHS
- 4.Standard Color :White ,Black. Other colors available on request.
- 5.Material:Polyvinyl Chloride



Technical Data

Property		Test Method	Typical Data
Shore Hardness		Hardness Tester	60P(80A±2A)
Voltage level		Withstand voltage tester	600V
Temperature Range		Heat Aging Oven	-30 C - 105 C
Enduring voltage	Before aging	23 C	2500V/60sec
	After aging	136 C 168hr	2500V/60sec
Tensile strength	Before aging	23 C	≥10.4 Mpa
	After aging	136 C 168hr	≥7.3 Mpa
Heat Aging Elongation	Before aging	23 C	≥100%
	After aging	136 C 168hr	≥100%
Flexibility		136 C 168hr	No cracks
Cold bend		-30 C No cracks the same hard	-30 C 1hr
Copper stability		136 C 168hr	No eroding
Flame resistance		UL224	VW-1

Dimensions

Size Inch	Inside Diameter (mm)	Wall Thickness(mm)		Standard length m/spool
		300V	600V	
3/64	1.2±0.15	0.30±0.05	0.45±0.05	305
1/16	1.5±0.15	0.30±0.05	0.45±0.05	305
3/32	2.4±0.2	0.30±0.05	0.45±0.05	305
1/8	3.2±0.2	0.40±0.05	0.50±0.05	305
3/16	4.8±0.3	0.45±0.05	0.55±0.05	305
1/4	6.4±0.3	0.45±0.05	0.55±0.05	152
5/16	8.0±0.35	0.45±0.05	0.55±0.05	152
3/8	9.5±0.35	0.50±0.05	0.55±0.05	152
7/16	11.1±0.35	0.55±0.10	0.65±0.10	152
1/2	12.7±0.35	0.55±0.10	0.65±0.10	152
9/16	14.3±0.4	0.65±0.10	0.75±0.10	76
5/8	16.0±0.4	0.65±0.10	0.75±0.10	76
3/4	19.0±0.4	0.65±0.10	0.75±0.10	76
7/8	22.0±0.5	0.75±0.15	0.85±0.15	76
1	25.0±0.5	0.75±0.15	0.85±0.15	76