

Black PVC Sleeving

4-25mm Diameter

• Operating Temperature:	-50°C to +105°C.
• Material:	PVC.
• Features:	<ul style="list-style-type: none"> • Flexible • Excellent electrical, physical and chemical properties • Excellent acid and corrosion resistance • Flammability: WV-1 • Water, oil and fuel resistant • Standard UL224
• Application:	Suitable for insulation use in automotive electronics, terminal lugs, small electrical parts, lead wires of toy motors and transformers etc. Ideal for application in wire harness, automatic equipment, railway, general manufacturing industry where wire and cable are required to have a protection.



Technical Data

Property	Specification Requirement	Test Method	Typical Value
Tensile strength (Room temp.)	Min. 10.4Mpa	UL224	14Mpa
Elongation at break (Room temp.)	Min. 200%	UL224	400%
Tensile strength after aging (136°C 168hrs)	Min. 7.3Mpa	UL224	9.3Mpa
Elongation after aging (136°C 168hrs)	Min. 100%	UL224	200%
Voltage withstand (Un-aged)	Withstand 2.5kV for 1 minute and breakdown	UL224	Pass
Voltage withstand (Aged)	Withstand at least half of un-aged breakdown voltage for 1 minute and breakdown	UL224	Pass
Corrosion of bare copper (136°C 168hrs)	No corrosion	UL224	No sign of deg.
Longitudinal shrinkage	≤5%	UL224	≤3%
Cold bend (-30°C 1hrs)	No cracking	UL224	Pass
Flammability		UL1581	VW-1
Volume resistivity	Min. 10 ¹⁴ Ω-cm	UL224	Pass
Heat shock (180°C 4hrs)	No cracking	UL224	Pass
Dielectric strength	>19.7kV/mm	ASTM D2671	>25kV/mm

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Item No.	Colour	Length (m)	Internal Diameter (mm)	Wall Thickness (mm)
VS4	Black	100	4 (±0.15)	0.50 (±0.10)
VS5	Black	100	5 (±0.15)	0.50 (±0.10)
VS6	Black	100	6 (±0.15)	0.50 (±0.10)
VS8	Black	100	8 (±0.15)	0.50 (±0.10)
VS10	Black	100	10 (±0.15)	0.50 (±0.10)
VS12	Black	100	12 (±0.15)	0.50 (±0.10)
VS14	Black	100	14 (±0.15)	0.50 (±0.10)
VS16	Black	100	16 (±0.15)	0.70 (±0.15)
VS20	Black	50	20 (±0.15)	0.75 (±0.15)
VS25	Black	50	25 (±0.15)	0.75 (±0.15)