



**Product Introduction:**

This product is made from Cross-Linked Halogen Free Flame-retardant Polyolefin material.

It supplies mechanical and insulating protection for bundles wires.

Its raw material is based on Halogen Free Environment friendly series. It don't include unwholesome Eight Bad Elements, PBB,PBDE and other substances, this product is the best products to replace PVC material.

1. Operating Temperature: -45°C ~ 125°C;

2. RoHS compliant.

Available Color: Black(Other color available upon request.)

**Technical Data:**

Performance	Test Method	Standard
Tensile Strength(MPa)	ASTM D2671	≥ 10.4
Elongation(%)	ASTM D2671	≥ 200
Volume resistance(	ASTM D876	≥ 10 <sup>14</sup>
Flammability	UI224	Self extinct
Copper corrosion	UI224	PASS
Water corrosion	ASTM D570	≤ 0.5
Dielectric strength(kv/mm)	GB/1408	≥ 15

**Specification:**

Size ( AWG )	I.D. ( mm )	W.T. ( mm )	Standard(M/Spool)
AWG18	1.00±0.10	0.40±0.06	200
AWG16	1.30±0.10	0.40±0.06	200
AWG14	1.65±0.10	0.40±0.06	200
AWG12	2.10±0.15	0.40±0.06	200
AWG10	2.60±0.15	0.50±0.08	200
AWG8	3.30±0.15	0.50±0.08	200
AWG6	4.10±0.20	0.50±0.08	100
AWG4	5.20±0.20	0.50±0.08	100
AWG2	6.50±0.20	0.50±0.08	100
AWG0	8.30±0.30	0.50±0.08	100
3/8"	9.50±0.40	0.50±0.08	100
7/16"	11.10±0.40	0.50±0.08	100
1/2"	12.70±0.40	0.50±0.08	100