



Product Introduction:

The product is made from cross-linked polyethylene material and environment friendly hot-melt Adhesive. It has the excellence of soft, airtight, fireproof etc. It is universally applied to provide water proof, airtight, anti-corrosion protection to metal wire, pump, repairing electrical wire, cable, and contacting wire.

Characteristics:

1. Operating Temperature: -45°C ~ 125°C;
2. Shrink Temperature: 115°C;
3. Inner layer glue melt temperature: 70-90°C
4. Shrink Ratio: 2:1, Logitudinal Shrink ratio ≤ 8%;
5. Waterproof, RoHS compliant;

Standard colors: Black (Other color available upon request.)

Technical Data:

Property	Test Method	Standard
Tensile Strength(MPa)	ASTMD 2671	≥ 10.4
Elongation(%)	ASTMD 2671	≥ 300
Tensile strength after Aging	UL224 158°C X 168h	≥ 7.3
Elongation after Aging	UL224 158°C X 168h	≥ 200
Dielectric strength(kv/mm)	IEC 243	≥ 15
Volume resistance	IEC 93	≥ 1X10 ¹⁴

Hot Melting Adhesive Property

Property	Test Method	Standard
Water Corrosion	ASTM-D570	<0.2%
Soft Point	ASTM-E8	95°C
Racking Strength(PE)	ASTM-D1000	120N/25m
Racking Strength(AL)	ASTM-D1000	80N/25m

Specification:

Size		As supplied Min I.D. (mm)	After recovered			Package M/Spool
Inch	mm		Max I.D. (mm)	Total W. T. (mm)	Glue W.T. (mm)	
1/16	Φ 1.6	1.6	0.8	0.60 ± 0.15	0.3 ± 0.1	200
3/32	Φ 2.4	2.4	1.2	0.70 ± 0.15	0.35 ± 0.1	200
1/8	Φ 3.2	3.2	1.6	0.70 ± 0.15	0.35 ± 0.1	200
3/16	Φ 4.8	4.8	2.4	0.80 ± 0.15	0.4 ± 0.1	100
1/4	Φ 6.4	6.4	3.2	0.80 ± 0.15	0.4 ± 0.1	100
5/16	Φ 7.9	7.9	3.9	0.90 ± 0.15	0.45 ± 0.1	100
3/8	Φ 9.5	9.5	4.8	0.90 ± 0.15	0.45 ± 0.1	1.22
1/2	Φ 12.7	12.7	6.4	0.95 ± 0.20	0.45 ± 0.1	1.22
5/8	Φ 15.9	15.9	7.9	0.95 ± 0.20	0.45 ± 0.1	1.22
3/4	Φ 19.1	19.1	9.5	1.0 ± 0.20	0.45 ± 0.1	1.22
1	Φ 25.4	25.4	12.7	1.1 ± 0.20	0.50 ± 0.1	1.22
1 1/4	Φ 31.8	31.8	15	1.15 ± 0.20	0.50 ± 0.1	1.22
1 1/2	Φ 38.1	38.1	19	1.25 ± 0.20	0.50 ± 0.1	1.22
1 3/4	Φ 44.5	44.5	22	1.35 ± 0.20	0.55 ± 0.1	1.22
2	Φ 50.8	50.8	25.4	1.5 ± 0.25	0.60 ± 0.1	1.22