

MPTC Medium-wall heat shrink tube



Description:

Medium-wall heat shrink tube is made of semi-rigid polyolefin, with or without adhesive lining.

It is designed for applications to seal or protect electrical splices, cable terminations and joints where electrical insulation and waterproof are required.

3:1 shrink ratio allows it easily fit over irregular shape and large connectors.

*Optional hot melting adhesive liner for complete environmental protection and insulation.

Product Features/Benefits:

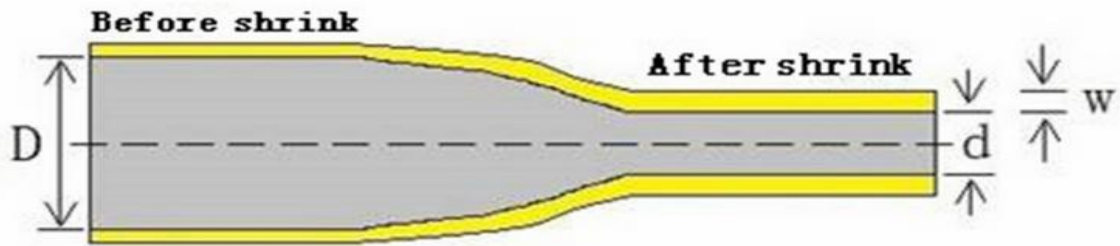
- Shrink Ratio: 3:1 and 3.5:1
- Operating Temperature: -45°C to 125°C
- Seals and protects cable splices and terminations
- High resistance to impact and abrasion
- Work voltage up to 24KV
- Standard color: black, more colors are available upon request

Technical Data

Property	Test Method	Standard
Tensile Strength(Mpa)	ASTM D2671	≥10.4
Elongation(%)	ASTM D2671	≥300
Density(g/cm ³)	ASTM D792	1.2
Longitudinal change(%)	UL 224	≤±10
Elongation after aging(%)	UL224 158°C*168hrs	≥200
Heat shock	UL224 225°C*4hrs	No cracking
Dielectric strength(kv/mm)	IEC 243	≥20
Volume resistivity(Ω.cm)	IEC 93	≥10 ¹⁴
Water absorption(%)	ASTM-D570	≤0.5

Hot Melting Adhesive Property

Property	Test Method	Standard
Water absorption	ASTM D570	≤0.2%
Softening point	ASTM E28	95°C
Peel strength(PE)	ASTM D1000	120N/25mm
Peel strength(AL)	ASTM D1000	80N/25mm



Specifications (All dimensions are in mm)

Size	Before shrink	After shrink		Standard package
	Inner diameter (D)	Inner diameter (d)	Wall thickness (W)	
8/2	8	2	2.0	1000/1220
12/3	12	3	2.0	1000/1220
16/5	16	5	2.0	1000/1220
22/6	22	6	2.2	1000/1220
28/6	28	6	2.2	1000/1220
30/8	30	8	2.5	1000/1220
35/12	35	12	2.5	1000/1220
40/14	40	14	2.5	1000/1220
50/16	50	16	2.7	1000/1220
63/19	63	19	2.8	1000/1220
75/22	75	22	3	1000/1220
85/25	85	25	3	1000/1220
95/25	95	25	3	1000/1220
115/34	115	34	3	1000/1220
140/42	140	42	3	1000/1220
160/50	160	50	3.5	1000/1220
180/60	180	60	3.5	1000/1220
200/65	200	65	3.5	1000/1220

* Customized dimensions are available on request

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