

BH-MT-2-UTW

Medical grade ultra thin wall heat shrink tubing

Features/Applications:

BH-MT-2-UTW medical grade ultra thin heat shrinkable tubing which is made of medical grade polyolefin, It has excellent electrical insulation performance and flexibility and can achieve ultra-thin wall thickness with a minimum thickness of 0.05mm. Its flexibility and thin-walled structure can meet the needs of medical device production.

- Shrink Ratio: $\geq 2:1$;
- Operating temperature: $-45^{\circ}\text{C}\sim 90^{\circ}\text{C}$;
- Minimum shrink temperature: 60°C ;
- Fully recovery temperature: Above 100°C ;
- Manufactured to ISO 10993-1 standards;
- Supports sterilization environments: gamma and ethylene oxide (ETO);
- Color: Black and Clear (Other colors are available on request)



Technical Data

Property	Test Method	Typical Data
Longitudinal change %	ASTM D 2671	-10~+0
Tensile strength/MPa	ASTM D 638	≥ 10.3
Elongation at break/%	ASTM D 638	≥ 200
Dielectric Withstand Voltage	ASTM D2671	3000V, 60 seconds without breakdown
Dielectric strength/kV/mm	ASTM D 2671	≥ 15.7

Product Dimensions (mm)

Model	Supplied (mm)		Recovered(mm)		Standard Packaging (Meter/Spool)
	ID(Min.)	W.T	ID(Max.)	W.T	
BH-MT-2-UTW-1.0	1.0	0.075 ± 0.025	≤ 0.50	0.125 ± 0.025	200
BH-MT-2-UTW-2.0	2.0	0.075 ± 0.025	≤ 1.00	0.125 ± 0.025	200
BH-MT-2-UTW-3.0	3.0	0.075 ± 0.025	≤ 1.50	0.125 ± 0.025	200
BH-MT-2-UTW-4.0	4.0	0.075 ± 0.025	≤ 2.00	0.125 ± 0.025	200
BH-MT-2-UTW-4.4	4.4	0.075 ± 0.025	≤ 2.20	0.125 ± 0.025	200
BH-MT-2-UTW-4.8	4.8	0.075 ± 0.025	≤ 2.40	0.125 ± 0.025	100
BH-MT-2-UTW-5.5	5.5	0.075 ± 0.025	≤ 2.75	0.125 ± 0.025	100
BH-MT-2-UTW-6.4	6.4	0.115 ± 0.03	≤ 3.20	0.175 ± 0.025	100
BH-MT-2-UTW-10.0	10.0	0.115 ± 0.03	≤ 5.00	0.175 ± 0.025	100
BH-MT-2-UTW-12.7	12.7	0.115 ± 0.03	≤ 6.35	0.175 ± 0.025	100

Special sizes are available on request.