

THIN WALL HEAT SHRINKABLE TUBING (TWU)

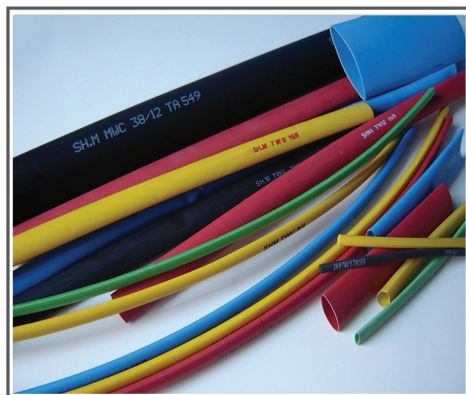
Thin Wall Tubes are made of flame retardant, X-linked polyolefin material. These tubes are flexible, halogen free and anti-UV. They shrink to the required size if they are in exposure of over 105°C with the shrink ratio of 2:1.

Applications:

- Low voltage Insulation
- Low voltage and control wiring & cabling, and automotive wiring management

**COLORS**

Black, Red, Yellow, Green, Blue
White, Yellow -Green



Features	Results	Standard
THERMAL		
Continuous Temperature	-40°C+105°C	—
Limits		
Thermal Shock	NO damage	ASTM D 2671
Brittleness Temperature	≤ -40°C	ASTM D 746
Flammability	Self extinguishing	UL 224
PHYSICAL		
Tensile Strength	≥ 10 MPa	ASTM D 638
Elongation	≥ 500%	ASTM D 638
Longitudinal Change	≤ 10%	ASTM D 2671
Water Absorption	≤ 0.1%	UNI ISO 62
ELECTRICAL		
Dielectric Strength	≥ 20kV/mm	ASTM D 149
Volume Resistivity	≥ 1*10 ¹² Ωcm	ASTM D 257
CHEMICAL		
Environmental Resistance	NO damage	ASTM D 1693
Oil Resistance	Excellent	ISO 175
Mould Resistance	NO growth	ASTM D 638 ASTM G 21

Dimensions mm	D min mm	d max mm	Tmin mm	Packaging m
2.4/1.2	2.4	1.2	0.5	200
3/1.5	3	1.5	0.5	200
4/2	4	2	0.5	200
5/2.5	5	2.5	0.55	200
6/3	6	3	0.55	200
8/4	8	4	0.60	150
9.5/4.8	9.5	4.8	0.60	100
10/5	10	5	0.65	100
12/6	12	6	0.60	100
12.7/6.4	12.7	6.4	0.60	100
14/7	14	7	0.65	100
16/8	16	8	0.65	100
18/9	18	9	0.70	100
19/9.5	19	9.5	0.70	100
20/10	20	10	0.70	100
22/11	22	11	0.70	100
25.4/12.7	25.4	12.7	0.75	100
30/15	30	15	1.05	50
38/19	38	19	0.90	50
50/25	50	25	1	50
76/38	76	38	1.35	50
100/50	100	50	1.75	25