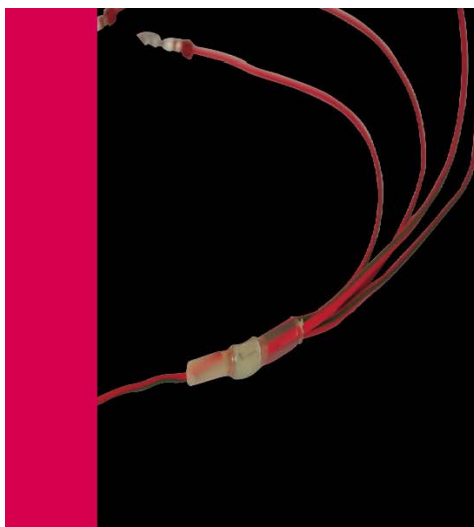




S3(ta) Flame Retardant Adhesive Lined Thin Wall Heat Shrink Tube

Features

- Co-extruded dual wall tube
- Cross-linked flexible polyolefin outer layer
- Thermal melt adhesive liner
- High flame retardant VW-1(outer layer)
- Operating temperature: -40~125°C
- Shrink temperature: 125°C
- High shrink ratio: 3:1 & 4:1
- RoHS compliant

Dimensions

Reference UPM S3(ta)	As supplied(mm) ID min.	ID max.	After recovered(mm) WT nom. WT1 nom.	
Shrink ratio 3:1				
3.2/1.0	3.2	1.0	1.0	0.65
4.8/1.6	4.8	1.5	1.0	0.65
6.4/2.1	6.4	2.0	1.0	0.65
9.5/3.2	9.5	3.0	1.4	0.8
12.7/4.2	12.7	4.0	1.7	0.9
19.1/6.0	19.1	6.0	2.2	1.1
25.4/8.0	25.4	8.0	2.5	1.2
Shrink ratio 4:1				
4.0/1.0	4.0	1.0	1.0	0.65
6.0/1.5	6.0	1.5	1.0	0.65
8.0/2.0	8.0	2.0	1.0	0.65
12.0/3.0	12.0	3.0	1.4	0.8
16.0/4.0	16.0	4.0	1.7	0.9
20.0/5.0	20.0	5.0	1.8	1
24.0/6.0	24.0	6.0	2.2	1.1

- ID=Internal Diameter
- WT=Total Wall Thickness, WT1 is adhesive layer wall thickness

Technical Data

	Property	Test Method	Values
Physical	Tensile strength	UL 224	≥10.4 MPa
	Breakdown elongation	UL 224	≥300%
Aging	Tensile strength	UL 224	≥7.3 MPa
	Breakdown elongation	UL 224	≥100%
	Water absorption	ASTM D570	≤0.5%
	Low temperature flexibility (-40°C/4hrs)	ASTM D2671	No cracking
	Heat shock (200°C/4hrs)	ASTM D2671	No drop, No flow(outer layer only)
Electrical	Volume resistivity	ASTM D2671	≥10 ¹⁴ Ω.cm
	Dielectric strength(2500V AC/60s)	UL 224	Pass
Chemical	Flammability	UL 224	VW-1
	Copper corrosion(158°C/168hrs)	UL 224	Pass

Typical application

- Specially designed for automotive wire harness industry
- Ideal for multi-strands wire to single strand, multi-strands to multi-strands, providing waterproof insulation

Ordering

- Standard color : Black
- Special colors are available on request
- Standard packaging on spools and/or 1.22m/pc
- Please specify specification, quantity when ordering



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