



S2(s) Ultra Thin Wall Heat Shrink Tube

Features

- Light weight & flexible
- Ultra thin wall cross-linked polyolefin
- High flame retardant VW-1
- Low shrink temperature
- Rapid shrinking
- Operating temperature: -40~90 °C
- Shrink temperature: 90 °C
- Shrink Ratio: 2:1 & 3:1
- Voltage Class: 300V
- RoHS Compliant

Technical Data

	Property	Test Method	Values
Physical	Density	--	1.15 ~ 1.25
	Thermal endurance	--	125°C
	Tensile strength	When test at 500mm/min.	≥10.4 MPa
	Breakdown elongation	When test at 500mm/min.	≥ 200%
Aging (158 °C/168hrs)	Tensile strength	When test at 500mm/min.	≥ 7.3 MPa
	Breakdown elongation	When test at 500mm/min.	≥ 100%
	Heat shock	4hrs. at 200°C	"No cracking, drop or flow"
	Cold bend	1 hour at -30°C	No cracking
Electrical	Water absorption 24hrs at 23°C	--	≤0.5%
	Dielectric breakdown voltage	--	≥ AC 2500V
	Dielectric withstand voltage	1min.AC2500V	No breakdown
	Dielectric breakdown voltage	--	AC 2500V min. and more than 50% of the value obtained with unaged sample
Aging (158 °C/168hrs)	Dielectric voltage withstand	1min.AC2500V	No breakdown
	Volume resistivity	--	≥10 ¹⁴ Ω.cm
Chemical	Copper stability	168hrs at 158°C. 500mm/min.	Elongation≥100%
	Flammability	VW-1	UL224

Note: The test methods conform to UL224

Typical application

- Ideal for wire harness bundling, cable labeling, wire terminal insulation and protection.
- Suitable for the temperature-sensitive electronic component that requires rapid shrinking

Ordering

- Standard color : Yellow and White.
- Standard packaging on spools.
- Please specify specification, color, quantity when ordering

Cross reference

- Raychem/Tyco : Versafit V4

Dimensions

Shrink ratio 2:1

Shrink ratio 3:1

Reference UPM S2(s)	As supplied ID (mm)	After recovered(mm) ID max.	WT	Standard length m/spool	Reference UPM S2(s)	As supplied ID (mm)	After recovered(mm) ID max.	WT	Standard length m/spool
1.0	1.4±0.2	0.65	0.20	200	3/1	3	1	0.56	200
1.5	1.9±0.2	0.85	0.20	200	6/2	6	2	0.58	100
2.0	2.4±0.2	1.00	0.22	200	9/3	9	3	0.60	50
2.5	2.9±0.2	1.30	0.25	200	12/4	12	4	0.61	50
3.0	3.4±0.2	1.50	0.28	200	15/5	15	5	0.62	50
3.5	3.9±0.2	1.80	0.28	200	18/6	18	6	0.63	25
4.0	4.4±0.2	2.00	0.30	200	24/8	24	8	0.64	25
4.5	4.9±0.2	2.30	0.30	100					
5.0	5.5±0.2	2.50	0.32	100					
6.0	6.5±0.2	3.00	0.32	100					
7.0	7.5±0.3	3.50	0.32	100					
8.0	8.5±0.3	4.00	0.32	100					
9.0	9.5±0.3	4.50	0.35	100					
10.0	10.5±0.3	5.00	0.35	100					
11.0	11.5±0.3	5.50	0.40	100					
12.0	12.5±0.3	6.00	0.40	100					
13.0	13.5±0.3	6.50	0.40	100					
14.0	14.5±0.3	7.00	0.40	100					
15.0	15.5±0.4	7.50	0.40	100					
16.0	16.5±0.4	8.00	0.40	100					
17.0	17.5±0.4	8.50	0.40	100					
18.0	18.5±0.4	9.00	0.42	100					
20.0	20.5±0.5	10.00	0.45	100					
22.0	22.5±0.5	11.00	0.45	100					
25.0	25.5±0.5	12.50	0.45	50					



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