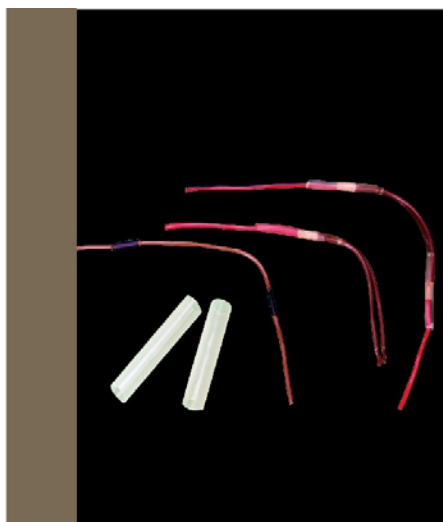




A1 Wire Splice Heat Shrink Tube

Features

- Flame retardant (Black only)
- High shrink ratio (4:1)
- Semi-rigid polyolefin outer layer
- Polyamide adhesive liner
- Operating temperature: -40~135 °C
- Shrink temperature: 135°C
- RoHS compliant
- Voltage Class : 600 V

Dimensions

Reference UPM A1	As supplied(mm) ID min.	After recovered(mm) ID max. WT nom.	Standard length m/spool
5.7/1.3	5.7	1.3 1.2	100
7.4/1.7	7.4	1.7 1.4	100
10.8/2.5	10.8	2.5 2.0	100
17.8/4.4	17.8	4.4 2.3	50

- ID=Internal Diameter
- WT= Wall Thickness

Technical Data

Property		Test Method	Values	
			Black	Clear
Physical	Tensile strength	ASTM D2671	≥14 MPa	≥12 MPa
	Breakdown elongation	ASTM D2671	≥400%	
Aging	Tensile strength	ASTM D2671	≥14 MPa	≥12 MPa
	Breakdown elongation	ASTM D2671	≥350%	
	Outer layer density	ASTM D792	1.25	1.00
	Water absorption	ASTM D570	≤0.5%	
	Heat shock (200°C/4hrs)	ASTM D2671	No drop, No flow	
	Low temperature flexibility	ASTM D2671	-40°C/4hrs ,no cracking	
	Ring- ball soft point(adhesive liner)	ASTM E28	120°C±5°C	
Electrical	Volume resistivity	ASTM D2671	≥10 ¹⁴ Ω.cm	
	Dielectric strength	ASTM D2671	≥16KV/mm	
Chemical	Flammability	UL224	self extinguish in 30s	

Typical application

- Ideal for wire to metal splices and wire to wire joints in automotive industry
Clear tubing is specially designed for sealing and insulation of components where see-through inspection is required

Ordering

- Standard color : Black ,Clear
- Standard packaging on spools.
- Please specify specification, color, quantity when ordering

Cross reference

- Raychem/Tyco : ES1000/ES2000



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