

## DUAL WALL 4:1 HEAT SHRINK SLEEVE - PIECES 1.22 M

### PART NR.

See dimensions table

### COUNTRY OF ORIGIN:

China

### STANDARDS:

REACH and RoHS compliant

Halogen free

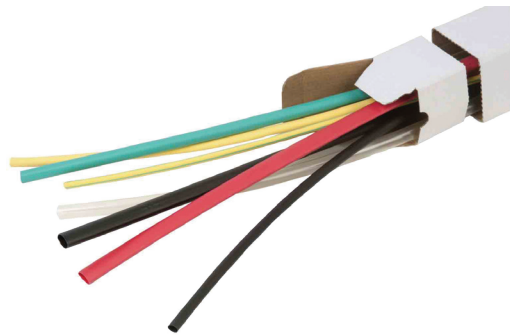
Flammability: UL1581 VW-1

UL listed

### CHARACTERISTICS:

- AE's dual wall heat shrink sleeve is manufactured by co-extrusion of irradiated cross-linking polyolefin and hot-melt adhesive
- This tubing can be used in a wide variety of electrical applications, including back end connector sealing, breakouts and connector-to-cable transitions
- High expansion ratio makes it possible to repair most damaged cable jackets without removing connectors. It can also protect cable from animal bites
- This product is UL listed

### PHOTO / TECHNICAL DRAWING



### AVAILABLE COLORS

Other color part nr.
Not available in grey
812...BS = black
Not available in green/yellow
814...BS = blue
815...BS = clear
816...BS = white
817...BS = red
818...BS = yellow
819...BS = green
Not available in brown
Not available in orange

### DIMENSIONS

Part nr.	Inch	Before Ø in mm	After Ø in mm	Pcs/bag	UL
812001BS	<sup>3</sup> / <sub>16</sub>	4,0	1,0	60	✓
812002BS	<sup>1</sup> / <sub>4</sub>	6,0	1,5	40	✓
812003BS	<sup>5</sup> / <sub>16</sub>	8,0	2,0	30	✓
812004BS	<sup>1</sup> / <sub>12</sub>	12,0	3,0	20	✓
812005BS	<sup>5</sup> / <sub>8</sub>	16,0	4,0	15	✓
812006BS	<sup>25</sup> / <sub>32</sub>	20,0	5,0	10	✓
812007BS	1	24,0	6,0	10	✓
812008BS	<sup>1</sup> / <sub>4</sub>	32,0	8,0	5	✓

### TECHNICAL SPECIFICATIONS

Material:  
Shrink ratio:  
Operating temperature:  
Min. shrink temperature:

Polyolefin with adhesive liner  
4:1  
-55 ~ 125 °C  
100 °C

## Technical Data

Property	Specification Requirement	Test Method	Typical Value
Tensile strength (Room temp.)	Min. 10.4Mpa	UL224	12Mpa
Elongation at break (Room temp.)	Min. 200%	UL224	400%
Tensile strength after aging (158°C 168hrs)	Min. 7.3Mpa	UL224	10.8Mpa
Elongation after aging (158°C 168hrs)	Min. 100%	UL224	300%
Voltage withstand (Un-aged)	Withstand 2.5kV for 1 minute and breakdown	UL224	Pass
Voltage withstand (Aged)	Withstand at least half of un-aged breakdown voltage for 1 minute and breakdown	UL224	Pass
Corrosion (158°C 168hrs)	No corrosion	UL224	No sign of deg.
Longitudinal shrinkage	≤10%	UL224	≤5%
Low-temperature flexibility (-40°C 4hrs)	No cracking	UL224	Pass
Flammability		UL1581	VW-1
Volume resistivity	Min. 10 <sup>14</sup> Ω·cm	UL224	Pass
Heat shock (250°C 4hrs)	No cracking	UL224	Pass
Dielectric strength	>19.7kV/mm	ASTM D2671	>25kV/mm