

## DUAL WALL 4:1 HEAT SHRINK SLEEVE - REEL

### PART NR.

See dimensions table

### COUNTRY OF ORIGIN:

China

### STANDARDS:

REACH and RoHS compliant

Halogen free

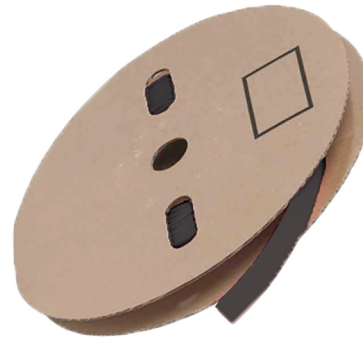
Flammability: UL1581 VW-1

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.

Only available in black

### DIMENSIONS

Part nr.	Inch	Before Ø in mm	After Ø in mm	Mtrs/reel	UL
812001B	$\frac{3}{16}$	4,0	1,0	200	✓
812002B	$\frac{1}{4}$	6,0	1,5	100	✓
812003B	$\frac{5}{16}$	8,0	2,0	100	✓
812004B	$\frac{1}{12}$	12,0	3,0	25	✓
812005B	$\frac{5}{8}$	16,0	4,0	25	✓
812006B	$\frac{25}{32}$	20,0	5,0	25	✓
812007B	1	24,0	6,0	25	✓
812008B	$1\frac{1}{4}$	32,0	8,0	25	✓
812009B	$1\frac{37}{64}$	40,0	10,0	25	✓
812010B	$2\frac{3}{64}$	52,0	13,0	25	✓

### 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