

## DUAL WALL 3:1 HEAT SHRINK SLEEVE - BOX

### 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
712...BB = black
Not available in green/yellow
714...BB = blue
715...BB = clear
716...BB = white
717...BB = red
718...BB = yellow
719...BB = green
Not available in brown
722...BB = orange

### DIMENSIONS

Part nr.	Inch	Before Ø in mm	After Ø in mm	Mtrs/box	UL
712001BB	1/8	3,0	1,0	5,0	✓
712002BB	3/16	4,8	1,6	4,0	✓
712003BB	1/4	6,4	2,1	3,5	✓
712004BB	5/16	7,9	2,6	3,0	✓
712005BB	3/8	9,5	3,2	3,0	✓
712006BB	1/2	12,7	4,2	2,5	✓
712007BB	5/8	15,4	5,1	2,5	✓
712008BB	3/4	19,1	6,4	2,0	✓
712009BB	1	25,4	8,4	1,5	✓

### TECHNICAL SPECIFICATIONS

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

Polyolefin with adhesive liner  
3:1  
-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