

DUAL WALL 4:1 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.

Only available in black

DIMENSIONS

Part nr.	Inch	Before Ø in mm	After Ø in mm	Mtrs/box	UL
812001BB	³ / ₁₆	4,0	1,0	5,0	✓
812002BB	¹ / ₄	6,0	1,5	3,5	✓
812003BB	⁵ / ₁₆	8,0	2,0	3,0	✓
812004BB	¹ / ₁₂	12,0	3,0	2,5	✓
812005BB	⁵ / ₈	16,0	4,0	2,5	✓
812006BB	²⁵ / ₃₂	20,0	5,0	2,0	✓
812007BB	1	24,0	6,0	1,5	✓

TECHNICAL SPECIFICATIONS

Material: Polyolefin with adhesive liner
Shrink ratio: 4:1
Operating temperature: -55 ~ 125 °C
Min. shrink temperature: 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 ¹⁴ Ω·cm	UL224	Pass
Heat shock (250°C 4hrs)	No cracking	UL224	Pass
Dielectric strength	>19.7kV/mm	ASTM D2671	>25kV/mm