

DUAL WALL 3:1 HEAT SHRINK SLEEVE - PIECES 10 CM

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

DIMENSIONS

Part nr.	Inch	Before Ø in mm	After Ø in mm	Pcs/bag	UL
712001BP	1/8	3,0	1,0	50	✓
712002BP	3/16	4,8	1,6	50	✓
712003BP	1/4	6,4	2,1	50	✓
712004BP	5/16	7,9	2,6	50	✓
712005BP	3/8	9,5	3,2	50	✓
712006BP	1/2	12,7	4,2	50	✓
712007BP	5/8	15,4	5,1	25	✓
712008BP	3/4	19,1	6,4	25	✓
712009BP	1	25,4	8,4	25	✓

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 ¹⁴ Ω·cm	UL224	Pass
Heat shock (250°C 4hrs)	No cracking	UL224	Pass
Dielectric strength	>19.7kV/mm	ASTM D2671	>25kV/mm