



Single Wall, Non Adhesive Heat Shrink Sleeving (SCG)

Single Wall Heat Shrink Sleeving is an economical grade of insulation sleeving which offers a 2 : 1 shrink ratio and good all-round performance. This grade of heat shrink is commonly used for applications where temperatures range from -55°C to 125°C and where a UV stable, flame retarded, and self-extinguishing material is of benefit. SCG Sleeving has a thin wall construction which allows for high conformability and ease of handling. It also displays good resistance to copper corrosion, fungus, and a wide range of chemicals.

Typically used in light duty electrical and electronic applications, SCG Heat Shrink is often employed for wire harnessing, protection, and insulation of in-line components, as well as for bundling of cables and wires. It is also used as strain relief for electrical wire connections or as bus-bar insulation for switchgear. The wide range of available colours also allows SCG sleeving to assist with the colour coding of cables, wiring, terminals, and components.

Technical Data:

Property:	Typical Value:	Test Method:
Shrink Ratio	2 : 1	---
Temperature Range	-55°C to 125°C	IEC 216
Low Temperature Flexibility	-55°C	ASTM D2671
Heat Shock at 250°C, 24 Hours	No dripping, cracking, or flowing	
Water Absorption	0.15% max	ASTM D570
Specific Gravity	1.4	ASTM D792
Tensile Strength	16 N/mm ²	ASTM D638
Elongation	300%	ASTM D638
Longitudinal Change	> 3%	ASTM D638
Dielectric Strength	> 20 kV/mm	ASTM D2671
Dielectric Constant	3.0 max	ASTM D150
Volume Resistance	10 ¹⁶ Ohm/cm	ASTM D257
Copper Corrosion	Good	ASTM D2671 B
Fungus Resistance	Inert	MIL-1-7444

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Important

This information should not be treated as a substitute for specific technical advice. AG does not offer such advice and cannot warrant the performance or suitability of products for particular applications.

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Specifications:

- MIL-1-23053/5, Class 2 & 3
- CSA C22.2, No. 198.1 OFT
- UL 224, 125°C VW1

Features and Benefits:

- UV stable
- Shrink ratio of 2 : 1
- Wide range of colours
- Rated for up to 600 volts
- ROHS Compliant (except green and yellow)
- Flame retarded and self-extinguishing (except Clear)
- Resistant to most chemicals, copper corrosion and fungus



Availability:

SCG Heat Shrink Sleeving is available in bulk rolls, dispenser boxes, precut lengths and in a variety of colours and diameters.

Associated Gaskets also stocks a large range of specialised electrical products such as varnish, consumables, and rigid & flexible insulation materials. For more information on these products and many more, please visit our website or call your nearest AG branch.

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