



ENGLISH

Datasheet

RS Pro Cable Sleeve 1.2mm Silicone Rubber 15m

RS Stock No: **252-1694**



Product Details

RS Pro cable sleeve with a diameter of 1.2 mm and 15 m sleeve length, is made of silicone rubber. The silicone rubber cable sleeving has the ideal insulation for wire/cable harnessing applications.

Features and Benefits

- To Class H insulation (B.S.2757 180°C continuous) and B.S. 2848 180T
- High temperature range and extremely flexible
- Suitable for use in mobile phone and static applications

**Specifications:**

Braided	No
Colour	Green
Material	Silicone Rubber
Maximum Operating Temperature	+180°C
Minimum Operating Temperature	-65°C
Operating Temperature Range	-65 to +180°C
Sleeve Diameter	1.2 mm
Sleeve Length	15 m
Standards Met	RoHS Compliant
Wall Thickness	0.5 mm



T3.1

EXTRUDED SILICONE RUBBER SLEEVING CLASS H

Size	Bore (mm)	Wall Thickness	V proof 20°C (kv)	V proof 180°C (kv)	R Insulation (MΩ)
1	1	0.5 +0.2) - 0.0)	5	3.5	100,000
2	2	0.5 +0.2) - 0.0)	5	3.5	100,000

NB. Inner bore tolerance $\pm 0.01\mu\text{M}$

CURED COMPOUND

The data refers to stocks cured as indicated and tested according to BS 903 where applicable.

Cure: Press cure 10 minutes at 120°C and 24 hours oven cure at 250°C.

MECHANICAL PROPERTIES

Hardness (°B.S.)	70±5
Tensile Strength M PA (1b/in ²)	6.2 (900)
Elongation at Break (%)	230
Tear Strength N (lb)	28(8)
Compression Set 24 hrs at 150°C (%)	20
Linear Shrinkage (%)	3.2
Brittle Point (°C)	-65
Operating Temperature Range (°C)	-65 to +180

OIL RESISTANCE (Typical Test Results)

The following data was obtained on sheets cured for 4 hrs at 200°C and immersed in oil for 70 hrs at 150°C.

ASTM No. 1

Change in Hardness (°B.S.)	-4
Change in Tensile Strength (%)	0
Change in Elongation at Break (%)	-20
Volume Increase (%)	5