

FEATURES

- Highly flexible
- Can expand up to 1.6 times its original size
- Halogen-free
- Self-Extinguishing (UL 1441 self-extinguishing VW 1)
- Good dielectric strength
- Excellent resistance to oils, solvents, varnishes

RS PRO Expandable Braided Silicone Rubber Glass Black Cable Sleeve, 12mm Diameter, 1m Length

RS Stock No.: 668-1232



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

From RS PRO a high quality highly flexible expandable braided fibreglass cable sleeving coated with a silicone rubber coating for both protecting and insulating your cables and wires. This versatile cable sleeving has high-temperature capabilities of up to +235°C, is self-extinguishing and is halogen free which means it doesn't release harmful gasses into the atmosphere when burnt. This silicone coated sleeving also has excellent resistance to oils, solvents and chemicals making it ideal for use in harsh and demanding environments. The flexible construction of this sleeve enables it to expand up to 1.6 times its original size allowing even the most awkward shapes to be covered and provides an ideal alternative to heatsink when used in heat or flame sensitive environments

General Specifications

Material	Silicone Rubber
Colour	Black
Braided	Yes
Expandable	Yes
Fire Behaviour	Halogen Free; Self-extinguishing
Applications	Laboratories, Chemical processing, Appliance manufacturing, Medical and pharmaceutical, Automotive and marine applications, Building and construction industry, Food and beverage industries

Mechanical Specifications

Sleeve Diameter	12mm
Sleeve Length	1m
Cable Diameter Range	12mm to 19.2mm
Minimum Cable Diameter	12mm
Maximum Cable Diameter	19.2mm
Bore Size	12mm
Wall Thickness	1mm

Property	Test Method	Typical Value
Dielectric Strength	-	4kV Normal, 2.5kV Expanded

Operation Environment Specifications

Operating Temperature Range	-40°C to 235°C
Minimum Operating Temperature	-40°C
Maximum Operating Temperature	235°C

Approvals

Compliance/Certifications	UL ,RoHS
Standards Met	IEC 60684, RoHS Compliant, UL 1441



RS PRO	Nominal bore (mm)	Bore tolerance (mm)	Minimum Wall thickness (mm)
6681223	2	+ 0.20	0.65
6681226	4	+ 0.30	0.75
6681220	6	+ 0.30	0.85
6681239	8	+ 0.30	1.00
6681232	12	+ 0.50	1.00
6681236	16	+ 1.00	1.20