



A division of CSA Technical Solutions, LLC
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Silicone Coated Fiberglass Sleeving - Grade C | BuyHeatShrink®

Buy Heat Shrink sleeves are UL/NEMA Thermal Class H. Our C grade tightly braided fiberglass sleeve is completely coated with silicone resin, providing superior electrical and thermal protection—making them a high quality equivalent to Ben-Har 1151-FRC, Hilec 547R, Hilec Vol-Sil Grade C, Suflex Acrylflex F

Features:

- Tightly braided fiberglass sleeve is completely coated with silicone resin to provide superior electrical and thermal protection.
- Thermal Characteristics - UL/NEMA Thermal Class H (-70 to 200°C) Flame Resistance - Passes UL 1441 (VW-1). Self-Extinguishing, NEMA TF-2 flame retardant
- Available in NEMA sizes #24 (AWG) to 1". NEMA TS-1, Type 5
- Excellent chemical resistance to: Acids, weak alkalis, esters, fungus and corona treatment
- Dielectric Grade C: 2500V minimum average breakdown, 1500V minimum individual.
- The coating maintains its electrical integrity—even under severe fire conditions—by forming a non-conductive ash.
- High quality equivalent to: Ben-Har 1151-FRC, Hilec 547R, Hilec Vol-Sil Grade C, Suflex Acrylflex F

Suggested Applications:

Silicone coated fiberglass braided wire protection sleeve is used for insulation of leads and connections in electrical and electronic components, including transformers, coils, relays, solenoids, etc. where temperatures range from -70°C through +200°C.

Silicone rubber coated glass sleeving is the only flexible insulating material which remains useful for continuous service in ambient temperatures from -70°C through +200°C, as the coating maintains its electrical integrity even under severe fire conditions by forming non-conductive ash.

Dimensions

Part Number	Size	Feet	ID
BSSILC1-024G	24 AWG	500 FT/SPOOL	0.022"
BSSILC1-022G	22 AWG	500 FT/SPOOL	0.027"
BSSILC1-020G	20 AWG	500 FT/SPOOL	0.034"
BSSILC1-018G	18 AWG	500 FT/SPOOL	0.042"
BSSILC1-017G	17 AWG	500 FT/SPOOL	0.047"
BSSILC1-016G	16 AWG	500 FT/SPOOL	0.053"
BSSILC1-015G	15 AWG	500 FT/SPOOL	0.059"
BSSILC1-014G	14 AWG	500 FT/SPOOL	0.066"
BSSILC1-013G	13 AWG	500 FT/SPOOL	0.076"
BSSILC1-012G	12 AWG	250 FT/SPOOL	0.085"
BSSILC1-011G	11 AWG	250 FT/SPOOL	0.095"
BSSILC1-010G	10 AWG	250 FT/SPOOL	0.106"

BSSILC1-009G	9 AWG	250 FT/SPOOL	0.118"
BSSILC1-008G	8 AWG	250 FT/SPOOL	0.133"
BSSILC1-007G	7 AWG	250 FT/SPOOL	0.148"
BSSILC1-006G	6 AWG	250 FT/SPOOL	0.166"
BSSILC1-005G	5 AWG	250 FT/SPOOL	0.186"
BSSILC1-004G	4 AWG	250 FT/SPOOL	0.208"
BSSILC1-003G	3 AWG	250 FT/SPOOL	0.234"
BSSILC1-002G	2 AWG	250 FT/SPOOL	0.263"
BSSILC1-001G	1 AWG	100 FT/SPOOL	0.294"
BSSILC1-000G	0 AWG	100 FT/SPOOL	0.33"
BSSILC1-0375	3/8"	100 FT/SPOOL	0.387"
BSSILC1-0465	7/16"	100 FT/SPOOL	0.387"
BSSILC1-050	1/2"	100 FT/SPOOL	0.512"
BSSILC1-0625	5/8"	100 FT/SPOOL	0.64"
BSSILC1-075	3/4"	100 FT/SPOOL	0.786"
BSSILC1-0875	7/8"	100 FT/SPOOL	0.893"
BSSILC1-100	1"	100 FT/SPOOL	1.018"