



A division of CSA Technical Solutions, LLC  
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[www.BuyHeatShrink.com](http://www.BuyHeatShrink.com)

## Silicone Coated Fiberglass Sleeving - Grade B | ButHeatShrink®

Buy Heat Shrink sleeves are UL/NEMA Thermal Class H. Our B 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 B: 4000V minimum average breakdown, 2500V 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
BSSILB-024G	24 AWG	500 FT/SPOOL	0.022"
BSSILB-022G	22 AWG	500 FT/SPOOL	0.027"
BSSILB-020G	20 AWG	500 FT/SPOOL	0.034"
BSSILB-018G	18 AWG	500 FT/SPOOL	0.042"
BSSILB-017G	17 AWG	500 FT/SPOOL	0.047"
BSSILB-016G	16 AWG	500 FT/SPOOL	0.053"
BSSILB-015G	15 AWG	500 FT/SPOOL	0.059"
BSSILB-014G	14 AWG	500 FT/SPOOL	0.066"
BSSILB-013G	13 AWG	500 FT/SPOOL	0.076"

BSSILB-012G	12 AWG	250 FT/SPOOL	0.085"
BSSILB-011G	11 AWG	250 FT/SPOOL	0.095"
BSSILB-010G	10 AWG	250 FT/SPOOL	0.106"
BSSILB-009G	9 AWG	250 FT/SPOOL	0.118"
BSSILB-008G	8 AWG	250 FT/SPOOL	0.133"
BSSILB-007G	7 AWG	250 FT/SPOOL	0.148"
BSSILB-006G	6 AWG	250 FT/SPOOL	0.166"
BSSILB-005G	5 AWG	250 FT/SPOOL	0.186"
BSSILB-004G	4 AWG	250 FT/SPOOL	0.208"
BSSILB-003G	3 AWG	250 FT/SPOOL	0.234"
BSSILB-002G	2 AWG	250 FT/SPOOL	0.263"
BSSILB-001G	1 AWG	100 FT/SPOOL	0.294"
BSSILB-000G	0 AWG	100 FT/SPOOL	0.33"
BSSILB-0375	3/8"	100 FT/SPOOL	0.387"
BSSILB-0465	7/16"	100 FT/SPOOL	0.387"
BSSILB-050	1/2"	100 FT/SPOOL	0.512"
BSSILB-0625	5/8"	100 FT/SPOOL	0.64"
BSSILB-075	3/4"	100 FT/SPOOL	0.786"
BSSILB-0875	7/8"	100 FT/SPOOL	0.893"
BSSILB-100	1"	100 FT/SPOOL	1.018"