



A division of CSA Technical Solutions, LLC
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Non-Fray Braided Sleeving - Saturated Fiberglass | BuyHeatShrink®

Our high quality fiberglass sleeves equivalent to Ben-Har Exflex, Ben-Har Exflex 1500 (heavy wall), Varglas Non-Fray Type HO, Hilec 710C, Hilec 720C (heavy wall), Alpha Wire PIF240. Fiberglass braided sleeving is commonly used in high temperature applications such as ovens, stoves, coffee makers, toasters, and other small heating appliances. With a good amount of flexibility, and a fair amount of expandability, fiberglass sleeving can be used for insulation of wires (up to 600V insulation), irregular shapes (e.g. coil insulation on rotating equipment), and thermal protection of insulated wires (e.g. fiberglass can thermally protect PVC jacketed wire that rests very close to a heat source).

Features:

- Made from highly flexible continuous filament E Glass.
- Heat treated to removed starches, oils and other impurities that naturally occur in glass.
- Impregnated with acrylic resin binder to provide fray resistance, and excellent resistance to moisture, fungus and chemical attack.
- Thermal Characteristics - UL Thermal Class S&C (240°C+) (this is the maximum thermal class UL will allow for fiberglass products) - Maintains 1/2 its strength at temperatures up to 750°C. Some degree of protection up to the melting point of glass (1400°C).
- Flame Resistance - Passes UL 1441 (VW-1). Will not burn. NEMA TF-2 flame retardant
- Available in NEMA sizes #24 (AWG) to 1".
- Standard wall thickness is 0.015" (1/64"). Heavy wall thickness is 0.030" (1/32")
- Dielectric Grade C-3: Standard wall provides up to 300V space factor insulation (although no dielectric breakdown is guaranteed). Heavy wall provides 600V (also, no dielectric is guaranteed).
- High quality equivalent to: Ben-Har Exflex, Ben-Har Exflex 1500 (heavy wall), Varglas Non-Fray Type HO, Hilec 710C, Hilec 720C (heavy wall), Alpha Wire PIF-240

Dimensions

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

BSFGS-009G	9 AWG	0.118
BSFGS-008G	8 AWG	0.133
BSFGS-007G	7 AWG	0.148
BSFGS-006G	6 AWG	0.166
BSFGS-005G	5 AWG	0.186
BSFGS-004G	4 AWG	0.208
BSFGS-003G	3 AWG	0.234
BSFGS-002G	2 AWG	0.263
BSFGS-001G	1 AWG	0.294
BSFGS-000G	0 AWG	0.33
BSFGS-0375	3/8"	0.387
BSFGS-0438	7/16"	0.45
BSFGS-050	1/2"	0.512
BSFGS-0625	5/8"	0.64
BSFGS-075	3/4"	0.786
BSFGS-0875	7/8"	0.893
BSFGS-100	1"	1.018