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## Bentley Harris Exflex Fiberglass Braided Sleeving 1500

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, Bentley Harris ST 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.
- Thermal Characteristics - UL Thermal Class S&C (240°C+) (this is the maximum thermal class UL and NEMA 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 (Exflex) thickness is 0.015" (1/64"). Heavy Wall (Exflex 1500) thickness is 0.030" (1/32")
- Dielectric Grade C-3: Standard Wall (Ex Flex) provides up to 300V space factor insulation (although no dielectric breakdown is guaranteed). Heavy Wall (Ex Flex 1500) provides 600V (also, no dielectric is guaranteed).
- High quality equivalent to: Varglas Non-Fray Type HO, Hilec 710C, Hilec 720C (heavy wall)

### Dimensions

Size	Feet	Part Number	AWG Size	ID
20 AWG	2000 FT/SPOOL	BSBH-EXFLEX1500-020G	20	0.034
18 AWG	1000 FT/SPOOL	BSBH-EXFLEX1500-018G	18	0.042
16 AWG	1000 FT/SPOOL	BSBH-EXFLEX1500-016G	16	0.053
14 AWG	1000 FT/SPOOL	BSBH-EXFLEX1500-014G	14	0.066
12 AWG	500 FT/SPOOL	BSBH-EXFLEX1500-012G	12	0.085
11 AWG	500 FT/SPOOL	BSBH-EXFLEX1500-011G	11	0.095
10 AWG	500 FT/SPOOL	BSBH-EXFLEX1500-010G	10	0.106
9 AWG	250 FT/SPOOL	BSBH-EXFLEX1500-009G	9	0.118
8 AWG	250 FT/SPOOL	BSBH-EXFLEX1500-008G	8	0.133

7 AWG	250 FT/SPOOL	BSBH-EXFLEX1500-007G	7	0.148
6 AWG	250 FT/SPOOL	BSBH-EXFLEX1500-006G	6	0.166
5 AWG	125 FT/SPOOL	BSBH-EXFLEX1500-005G	5	0.186
4 AWG	125 FT/SPOOL	BSBH-EXFLEX1500-004G	4	0.208
3 AWG	125 FT/SPOOL	BSBH-EXFLEX1500-003G	3	0.234
2 AWG	125 FT/SPOOL	BSBH-EXFLEX1500-002G	2	0.263
1 AWG	125 FT/SPOOL	BSBH-EXFLEX1500-001G	1	0.294
0 AWG	125 FT/SPOOL	BSBH-EXFLEX1500-000G	0	0.33
3/8"	50 FT/SPOOL	BSBH-EXFLEX1500-3-8	3-8"	0.387"