



A division of CSA Technical Solutions, LLC
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Fiberglass Braided Sleeving - Bentley Harris ST1250 | BuyHeatShrink

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 (ST) thickness is 0.015" (1/64"). Heavy Wall (ST-1250) thickness is 0.030" (1/32")
- Dielectric Grade C-3: Standard Wall (ST) provides up to 300V space factor insulation (although no dielectric breakdown is guaranteed). Heavy Wall (ST-1250) provides 600V (also, no dielectric is guaranteed).
- High quality equivalent to: Alpha PIF-240, Ben-Har ST, Ben-Har ST 1250, Varglas Non-Fray Type H, Hilec 210C, Hilec 220C (Heavy Wall)

Dimensions

Part Number	Manufacturer Part Number	Size	Feet	AWG Size	ID
BSBH-ST1250-016	BSBH-ST1250-016	16 AWG	1000 FT/SPOOL	16	0.053
BSBH-ST1250-014	BSBH-ST1250-014	14 AWG	1000 FT/SPOOL	14	0.066
BSBH-ST1250-013	BSBH-ST1250-013	13 AWG	500 FT/SPOOL	13	0.076
BSBH-ST1250-012	BSBH-ST1250-012	12 AWG	500 FT/SPOOL	12	0.085
BSBH-ST1250-011	BSBH-ST1250-011	11 AWG	500 FT/SPOOL	11	0.095

BSBH-ST1250-010	BSBH-ST1250-010	10 AWG	500 FT/SPOOL	10	0.106
BSBH-ST1250-009	BSBH-ST1250-009	9 AWG	500 FT/SPOOL	9	0.118
BSBH-ST1250-008	BSBH-ST1250-008	8 AWG	500 FT/SPOOL	8	0.133
BSBH-ST1250-007	BSBH-ST1250-007	7 AWG	500 FT/SPOOL	7	0.148
BSBH-ST1250-006	BSBH-ST1250-006	6 AWG	500 FT/SPOOL	6	0.166
BSBH-ST1250-005	BSBH-ST1250-005	5 AWG	250 FT/SPOOL	5	0.186
BSBH-ST1250-004	BSBH-ST1250-004	4 AWG	250 FT/SPOOL	4	0.208
BSBH-ST1250-003	BSBH-ST1250-003	3 AWG	250 FT/SPOOL	3	0.234
BSBH-ST1250-002	BSBH-ST1250-002	2 AWG	250 FT/SPOOL	2	0.263
BSBH-ST1250-001	BSBH-ST1250-001	1 AWG	250 FT/SPOOL	1	0.294
BSBH-ST1250-000	BSBH-ST1250-000	0 AWG	250 FT/SPOOL	0	0.33
BSBH-ST1250-3-8	BSBH-ST1250-3-8	3/8"	250 FT/SPOOL	3/8"	0.387