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Bentley Harris ST Fiberglass Braided Sleeving

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

BSBH-ST-009	BSBH-ST-009	9 AWG	9	0.118
BSBH-ST-008	BSBH-ST-008	8 AWG	8	0.133
BSBH-ST-007	BSBH-ST-007	7 AWG	7	0.148
BSBH-ST-006	BSBH-ST-006	6 AWG	6	0.166
BSBH-ST-004	BSBH-ST-004	4 AWG	4	0.208
BSBH-ST-003	BSBH-ST-003	3 AWG	3	0.234
BSBH-ST-002	BSBH-ST-002	2 AWG	2	0.263
BSBH-ST-001	BSBH-ST-001	1 AWG	1	0.294
BSBH-ST-00	BSBH-ST-00	0 AWG	0	0.33
BSBH-ST-3-8	BSBH-ST-3-8	3/8"	3/8"	0.387
BSBH-ST-7-16	BSBH-ST-7-16	7/16"	7/16"	0.45
BSBH-ST-1-2	BSBH-ST-1-2	1/2"	1/2"	0.512
BSBH-ST-5-8	BSBH-ST-5-8	5/8"	5/8"	0.64
BSBH-ST-3-4	BSBH-ST-3-4	3/4"	3/4"	0.786