

Product Highlights

- Rated to 155°C Class F
- Grade A (7,000 V)
- UL File Recognized Component for sizes up to 1"
- CSA File #LR58703
- Meets MIL-I-3190/3
- NEMA 6
- Applicable Documents
ASTM D-350
ASTM D-372
UL 1441
NEMA TF-1
- Available in sizes AWG #24 - 2" I.D.
- Available in natural (white), black, yellow, and red



Ben-Har™ Acryl Grade A Acrylic Resin Coated Fiberglass Sleeving

Bentley-Harris® Ben-Har Acryl sleeving is manufactured by coating a lightly heat-treated braided fiberglass sleeving with a dielectric film of thermosetting polyacrylate resin qualified for Class F (155°C) systems. The tough acrylate film is highly craze resistant and will withstand severe bending without loss of dielectric properties. It is resistant to acids and most organic solvents and compatible with a broad range of wire enamels - acrylic, polyester, polyamide, polyimide, and polyvinylformal. By virtue of crosslinking the acrylate, film will not flow upon application of heat.

The acrylate film is extremely tough and flexible, allowing the sleeving to withstand rough assembly handling, mechanical stress, and resistance to cut-through. The coating film will not flow upon application of heat. Ben-Har Acryl is resistant to acids, alkalis, organic solvents, and aliphatic hydrocarbons. Slight swelling is produced by aromatic solvents and chlorinated hydrocarbons. Ketones and esters have a softening effect.

Ben-Har Acryl resists up to 10 megarads of radiation dosage with no discernible effect. When tested in accordance with NEMA VS-1, MIL-I-3190 method B, ASTM D-350, and UL 1441, Ben-Har Acryl burns at less than 1.33 inches per minute.