

Acryl C-2 FR

- Rated to 155°C Class F
- Grade C-2 (1,500 V)
- UL Recognized Component for sizes #24 to #0
- VW-1.
- NEMA 6
- Applicable Documents
ASTM D-350
ASTM D-372
UL 1441
NEMA TF-1
- Available in sizes
AWG #24 - 5/8" I.D.
- Available in natural (white), black, yellow and red



Flame Retardant Acrylic Resin Coated Fiberglass Sleeving

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.

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 C-2 FR 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.

Acryl C-2 FR has maximum flexibility and is excellent for flame retardant, lower dielectric applications such as lower voltage motors, instrument wiring, lighting assemblies and on ballast transformer leads.



