

ACRYFLEX® VPI-NF SLEEVING*

Class 155°C • Fiberglass braid over ACRYFLEX-F®(Grade A) Sleeving
ACRYFLEX-F®: 155°C Grade A



DESCRIPTION

ACRYFLEX VPI-NF is a carefully engineered, high dielectric sleeving, specially designed for VPI impregnation. It is composed of a Grade A acrylic sleeve, having an initial average dielectric of 7 kV and a 1/32" wall outer layer of unsaturated glass, braided over and bonded to the acrylic sleeving. The resulting composite affords the flexibility needed for ease of application with a high initial dielectric for testing prior to VPI. The outer layer, which is firmly bonded to the Grade A sleeving, is highly receptive to the VPI resin for uniform impregnation.

Before application of the outer fiberglass braid, the acrylic sleeve meets all the applicable requirements of MIL-I-3190/3, ASTM D372 and NEMA TF-1 Type 6. The average dielectric strength of the unimpregnated VPI sleeving is 8500 volts.

ACRYFLEX VPI-NF is also effective in dip tank operations because the outer braid is completely saturant free and will readily absorb and retain the dipping varnish.

FEATURES

- Maximum electrical protection
- No possibility of dry spots in absorbent layer
- Minimum bulk in critical areas
- Full range of sizes for exact fit
- One step application
- Available on spools for minimum waste
- Maximum flexibility for rapid installation
- Positive no-slip bond between layers
- Saturant-free outer layer for maximum VPI resin absorption

COLOR

- Natural (white)

DIMENSIONS

| Size | I.D. Maximum | | I.D. Minimum | | Nominal Wall Thickness | | Unit Weight lbs./cft | Std. Pkg. |
|------|--------------|---------|--------------|---------|------------------------|------------|----------------------|-------------|
| | Inch | (mm) | Inch | (mm) | Outer Wall | Total Wall | | |
| 8 | .141 | (3.58) | .129 | (3.28) | .032 | .056 | 1.8 | 250' spools |
| 7 | .158 | (4.01) | .144 | (3.66) | .032 | .056 | 1.9 | |
| 6 | .178 | (4.52) | .162 | (4.11) | .032 | .056 | 2.0 | |
| 5 | .198 | (5.03) | .182 | (4.62) | .032 | .060 | 2.3 | |
| 4 | .224 | (5.69) | .204 | (5.18) | .032 | .060 | 2.6 | |
| 3 | .249 | (6.32) | .229 | (5.82) | .032 | .060 | 3.0 | |
| 2 | .278 | (7.06) | .258 | (6.55) | .032 | .060 | 3.3 | 100' spools |
| 1 | .311 | (7.90) | .289 | (7.34) | .032 | .060 | 3.8 | |
| 0 | .347 | (8.81) | .325 | (8.26) | .032 | .060 | 3.9 | |
| 3/8 | .399 | (10.13) | .375 | (9.53) | .032 | .066 | 5.1 | 100' spools |
| 1/2 | .524 | (13.31) | .500 | (12.70) | .032 | .066 | 6.4 | |

Consult factory for availability of other sizes.

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