

Res-i-Flex Sealable Armor Tape

by Fibertek Inc.

The Ultimate in Armor Protection

Res-i-Flex is a B-Staged, epoxy coated, woven polyester/glass tape which shrinks and fuses during the cure cycle to ensure a tough, conformal moisture and chemical resistant dielectric seal for AC stators and DC armature coils.

During the cure cycle, the resin flows and the polyester yarns in the warp direction shrink providing a leak proof seal and eliminate the need for external pressure to be applied.

Application

To assure a complete seal, Res-i-Flex should be half lapped over the entire area of the coil. Two layer coverage is recommended.

Recommended cure time is 1 hour at 170°C or 3 hours at 150°C.

Unlike other competitive armor tapes, Res-i-Flex, at the termination of the cure cycle, is completely cured and is not soft, nor tacky on the surface. Hence, it can be handled immediately without disrupting the tape. Since Res-i-flex is a B-Staged product, it is recommended that the same refrigerated storage practice be followed as for Fibertek Res-i-Glas Banding Tape.

Properties

Colour	:	Clear
Thickness	:	0.125mm
Thermal Rating	:	Class F - 155°C
Tensile Strength	:	40 Lbs/Inch
Dielectric Strength	:	2,100 vpm
Resin Content	:	65%



Availability

<u>Part Number</u>	<u>Width</u>	<u>Length</u>
FRF-075	19mm	33 metres
FRF-100	25mm	33 metres



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