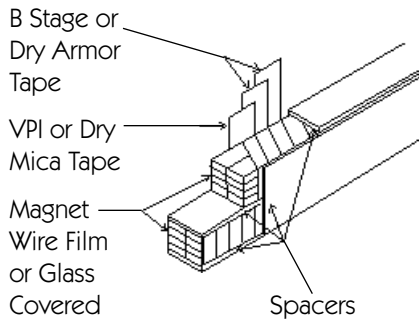
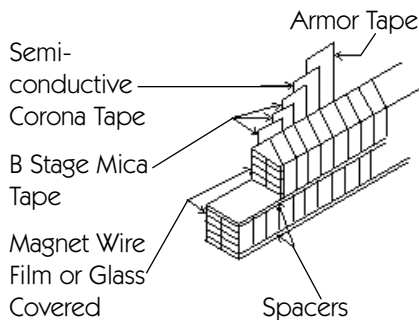


BASE INSULATIONS - TAPES & WRAPPERS

TYPICAL FORM COIL CONSTRUCTION Low-Medium Voltage Slot Section



High Voltage Slot Section



RES-I-FLEX ARMOR TAPE **FIBERTEK** CLASS F (155°C)

B-staged, epoxy coated, woven polyester/glass tape which shrinks and fuses during the cure cycle. Forms a tough conformal moisture and chemical-resistant dielectric seal around AC and DC form coils. Two half-lapped layers should insure a complete seal. 65% resin content. 2100 VPM dielectric. Tensile strength 40 LBS/in. Cure time 1 hour at 170°C or 3 hours at 150°C.

WIDTH X LENGTH	PART NUMBER
3/4" X 36 YDS	FRF-075
1" X 36 YDS	FRF-100

Custom Lengths And Widths Available.
Contact Your Essex Brownell Sales Professional.

Mica Paper & Mica Splittings Sheets

SEGMENT CLASS F (155°C)

Muscovite Mica designed for motor segment applications. Rigid material can be punched, drilled or sheared without flaking or cracking. Excellent mechanical and electrical strength. 7-10 % epoxy resin binder content, 750 volt/mil dielectric strength. Thicknesses up to 1/16" are available. 36"X 36" Sheets.

MOLDING CLASS F (155°C)

Muscovite mica paper designed for hot molding and forming applications such as tubes, channels, angles, rings, etc. 14- 20% epoxy resin content, B-staged. Once formed and cured, plate will hold shape. 850 volts/mil dielectric strength. Thicknesses up to 1/16" are available. 36"X36" sheets.

MICA-FIBERGLASS NEMA NO. 301

Bonded layers of mica splittings between layers of .003" thick fiberglass. Fiberglass cloth adds mechanical strength and impregnated with organic varnish to add dielectric strength. Sheet size is 36"x36" inches.

Other mica sheets are available. Contact your Essex Brownell Sales Professional.



THICK (IN.)	PART NUMBER
.015	42801568000
.020	42802068000
.025	42802568000
.030	42803068000
.032	42803268000
.035	42803568000
.040	42804068000

THICK (IN.)	PART NUMBER
.015	40601568000
.020	40602068000
.025	40602568000
.030	40603068000
.040	40604068000

THICK (IN.)	PART NUMBER
.010	MFG-1-010
.012	MFG-1-012
.015	MFG-1-015
.020	MFG-1-020
.025	MFG-1-025
.030	MFG-1-030

FIBERGLASS TAPE

Use as a protective covering after mica tape has been applied to form coils, or as a protective covering for any coils. Available in three types. Raw glass with no coating, is the least expensive.

Clear treated, a clear sizing has been applied to resist fraying, and reinforces the tape to withstand abrasion. G10E finish, this tape has been heat treated to remove oils and starch. The heat also sets the weave to resist abrasion and fraying when cut. The G10E tape has a distinct golden color. 36 yard rolls. Part number shown is for untreated glass tape. Add -CT to part number for clear treated. Add -G10E to part number for golden finish.

M I N C

HESGON



THICK (IN.)	WIDTH (IN.)	HESGON PART NUMBER	MUTUAL PART NUMBER
.005	1/2	HGTA-005-1/2	C150-005-1/2
.005	3/4	HGTA-005-3/4	C150-005-3/4
.005	1	HGTA-005-1	C150-005-1
.005	1-1/2	HGTA-005-1-1/2	C150-005-1-1/2
.007	1/2	HGTA-007-1/2	C150-007-1/2
.007	3/4	HGTA-007-3/4	C150-007-3/4
.007	1	HGTA-007-1	C150-007-1
.007	1-1/2	HGTA-007-1-1/2	C150-007-1-1/2
.010	1/2	HGTA-010-1/2	C150-010-1/2
.010	3/4	HGTA-010-3/4	C150-010-3/4
.010	1	HGTA-010-1	C150-010-1
.010	1-1/2	HGTA-010-1-1/2	C150-010-1-1/2
.015	1/2	HGTA-015-1/2	C150-015-1/2
.015	3/4	HGTA-015-3/4	C150-015-3/4
.015	1	HGTA-015-1	C150-015-1
.015	1-1/2	HGTA-015-1-1/2	C150-015-1-1/2

COTTON TAPE CLASS A (105°C)

An economical wrapping tape for use as an armature or field coil wrapper, also used on transformer windings and field coils supports.

Some of the unique characteristics of Narroline cotton tapes are they are non-curling, non-kinking, and non-twisting. They exhibit uniform thickness and width and possess maximum varnish absorption characteristics. Standard length is 36 yards.



TAPE WIDTH (IN.)	.005 THICK	.007 THICK	.007 LW THICK	.015 THICK	.020 THICK	.030 THICK
1/4	A-1-005-1/4	A-2-007-1/4	A-3-007-1/4	B-1-015-1/4	N/A	N/A
3/8	A-1-005-3/8	A-2-007-3/8	A-3-007-3/8	B-1-015-3/8	B-2-020-3/8	N/A
1/2	A-1-005-1/2	A-2-007-1/2	A-3-007-1/2	B-1-015-1/2	B-2-020-1/2	C-1-030-1/2
5/8	A-1-005-5/8	A-2-007-5/8	A-3-007-5/8	B-1-015-5/8	B-2-020-5/8	C-1-030-5/8
3/4	A-1-005-3/4	A-2-007-3/4	A-3-007-3/4	B-1-015-3/4	B-2-020-3/4	C-1-030-3/4
1	A-1-005-1	A-2-007-1	A-3-007-1	B-1-015-1	B-2-020-1	C-1-030-1
1-1/4	A-1-005-1-1/4	A-2-007-1-1/4	A-3-007-1-1/4	B-1-015-1-1/4	B-2-020-1-1/4	C-1-030-1-1/4
1-1/2	A-1-005-1-1/2	A-2-007-1-1/2	A-3-007-1-1/2	B-1-015-1-1/2	B-2-020-1-1/2	C-1-030-1-1/2
2	N/A	N/A	A-3-007-2	B-1-015-2	B-2-020-2	C-1-030-2

LW is a special light weave version. Add -RL to the part number to order red center line tape.