

F-390

PET Fiberglass Cloth Tape

River Tape Co., Ltd.

TECHNICAL DATA SHEET

DESCRIPTION

PET fiberglass cloth electrical insulation tape: PET film bonded to fiberglass cloth with acrylic adhesive, coated with an acrylic pressure-sensitive adhesive. It combines high tensile strength and low elongation with the dielectric strength of polyester film for motor, transformer and generator windings.

APPLICATIONS

F-390 is used in dry-type transformer, motor and generator coil production to hold down magnet wire, copper strips and insulation materials during coil winding. Typical uses include lead anchoring, lead tape anchoring and banding of coils.

STORAGE AND SHELF LIFE

Store in original packaging at 10–27°C and below 75% relative humidity, away from direct sunlight and heat sources. Under these conditions, shelf life is 12 months from the date of manufacture.

Note: The data shown are typical values from our laboratory testing and are provided for reference only. They should not be considered product specifications. Actual performance, including compatibility with dip-and-bake or VPI processes, should be verified with the specific conductors, insulating materials, winding processes, insulation systems and end-use conditions.

Property	Unit	Value
Backing Material	—	Polyester Film
Reinforcement	—	Fiberglass Cloth
Adhesive Type	—	Acrylic
Color	—	White
Total Thickness	mm	0.16
Elongation at Break	%	5
Adhesion to Steel	N/25mm	9.0
Tensile Strength	N/25mm	1200
Temperature Rating	°C	155°C (311°F) continuous
Dielectric Breakdown Voltage	kv	5.5

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