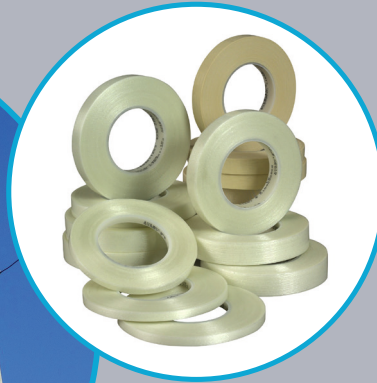
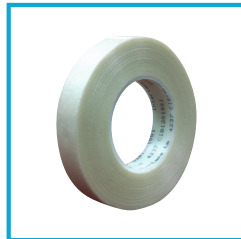


PET Filament Tape for Oil-Filled Transformers



Anchoring

4237



4238



51597

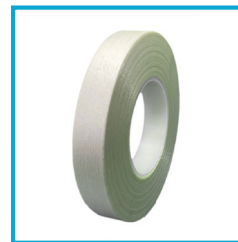


Banding

11597



2036 PV1



5060 PV4



Bundling

Holding

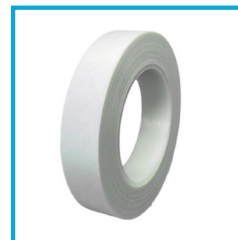
Insulating

Protection
Wrapping

54113



11600 PV3



51599 PV1



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TAPES

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DIN EN ISO 14001:2015

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PET Filament Tape

for Oil-Filled Transformers

| | Sample | Backing | Adhesive | Backing Thickness | Total Thickness | Color(s) | Tensile Strength | Elongation at Break | Adhesion to Steel | Dielectric Strength | Electrolytic Corrosion | Insulation Class | UL-File Number |
|-----------|--------|---------------------------|----------------|---------------------|---------------------|---------------|------------------|---------------------|-------------------|---------------------|------------------------|------------------|----------------|
| 11600 PV3 | | PET-Cloth | Acrylic | 125 µm / (4.9 mil) | 180 µm / (7.1 mil) | Black, White | 314 N / 25 mm | 12% | 11,8 N / 25 mm | 2000 V | | B / 130° C | |
| 2036 PV1 | | Paper / Glass Filament | Acrylic | 200 µm / (8.0 mil) | 230 µm / (9.2 mil) | White | 931 N / 25 mm | 8% | 11,7 N / 25 mm | 4000 V | | F / 155° C | |
| 51597 | | PET Film / Glass Filament | Acrylic | 140 µm / (5.5 mil) | 165 µm / (6.5 mil) | Clear | 1095 N / 25 mm | 5% | 11 N / 25 mm | 5000 V | A1,0 | F / 155° C | E20780 |
| 51599 PV1 | | PET Film / Glass Filament | Natural Rubber | 127 µm / (5.0 mil) | 178 µm / (7.0 mil) | Beige | 1500 N / 25 mm | 5% | 15 N / 25 mm | 5000 V | A1,0 | B / 130° C | E20780 |
| 54113 | | PET-Film | Acrylic | 25 µm / (1.0 mil) | 60 µm / (2.35 mil) | Yellow, Clear | 110 N / 25 mm | 100% | 12,3 N / 25 mm | 5000 V | A1,0 | B / 130° C | E20780 |
| 11597 | | PET Film / Glass Filament | Acrylic | 110 µm / (4.33 mil) | 180 µm / (7.1 mil) | Clear | 980 N / 25 mm | 12% | 9,8 N / 25 mm | 6500 V | | F / 155° C | E338128 |
| 5060 PV4 | | Silk Acetate Cloth | Acrylic | 190 µm / (7.48 mil) | 240 µm / (9.45 mil) | White | 137 N / 25 mm | 19,5% | 7,4 N / 25 mm | 3000 V | | B / 130° C | |
| 4237 | | PET Film / Glass Filament | Acrylic | 114 µm / (4.5 mil) | 180 µm / (7.1 mil) | Clear | 1290 N / 25 mm | 7% | 12,25 N / 25 mm | 5000 V | A1,0 | F / 155° C | E20780 |
| 4238 | | PET Film / Glass Filament | Acrylic | 165 µm / (6.5 mil) | 190 µm / (7.5 mil) | Clear | 1642 N / 25 mm | 7,5% | 12 N / 25 mm | 6000 V | A1,0 | F / 155° C | E20780 |

- » High Tensile Strength
- » Excellent Chemical, Solvent, and Aging Resistance
- » User-friendly

- » Stable and Secure
- » Outstanding Dielectric Strength and Insulation Resistance
- » Heavy Duty

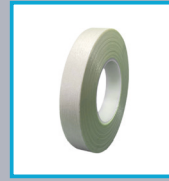
PET Filament Tape

11600 PV3



Suitable for closing bandage of oil transformer coils, strain relief for supply lines, masking of self-supporting coils, and spiral head and phasing insulation. Made from polyester cloth, with a very tear-resistant carrier and a strong bonding, thermosetting, acrylic adhesive. It is easy to apply, extremely resistant to chemicals, and to Ninas 10 Vetro GBN transformer oil.

2036 PV1



Especially suitable for heavy-duty air and oil-filled transfer applications, reinforcements, holding and separating ground insulation. Manufactured with insulation paper, reinforced with scrim glass filament and coated with acrylic, pressure-sensitive adhesive. Its flexible fibers exhibit very good longitudinal and transverse tensile strength, including resistance against tearing and breaking when bent. It has high adhesion and excellent heat resistance.

51597



Ideal for slot edging, holding and separating ground insulation, and bundling motor and transformer coils. High tensile strength, conformable backing and aggressive adhesive. Strong resistance to chemicals, solvents and aging. High dielectric strength and insulation resistance.

51599 PV1



Ideal for bundling armature coils, transformers, bobbins and electric motor coils, and a variety of other heavy-duty insulating and holding applications. The 5 Mil (127µm), PET glass filament reinforced tape has an aggressive, thermosetting rubber adhesive. It offers a conformable backing with high tensile strength. Very resistant to chemicals, solvents, and aging. High dielectric strength and insulation resistance.

54113



Particularly suitable for coil wrapping, inter-layer insulating, tabbing, and anchoring. Also ideal for film wrap capacitors. Consisting of a polyester carrier and a thermosetting acrylic adhesive, this tape is shear-resistant, pliable, and free of corrosion promoting components. It is resistant to light and aging, impregnating agents, and has particularly high adhesive strength. Due to its dielectric properties and total material thickness, this tape is unique where maximum insulation build-up is required.

11597



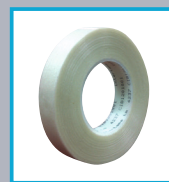
Especially suitable for heavy-duty air and oil-filled transformer applications, reinforcements, holding and separating ground insulation, slot edging, and bundling of motor and transformer coils. Made from a laminate of polyester film and staggered mesh glass-filament, coated with a thermosetting acrylic adhesive. Its flexible glass fibers offer very good longitudinal and transverse tensile strength, including resistance against tearing and breaking when bent.

5060 PV4



Ideal for high volume coil wrapping, ground and barrier insulation, as an outer protective wrap for bobbin applications, in terminal board panels, and insulation of coil ends and anchoring leads. Manufactured from a strong acetate cloth with thermosetting, acrylic-based, pressure sensitive adhesive. It is highly conformable and has high adhesion.

4237



Superb for heavy-duty insulating, banding and holding applications. High tensile strength glass filaments and conformable PET film coating. The 1.0 mil (114 µm), polyester film provides abrasion, puncture, and edge tear resistance. Once thermoset, the acrylic adhesive offers superior resistance to chemicals, solvents, and aging. Excellent dielectric strength and insulation resistance.

4238



Ideal for lead and saddle tie down, bundling motor and transformer coils, coil covering applications, and other heavy-duty insulating and holding applications. High tensile strength with conformable backing and an aggressive adhesive. The 1.4 mil (165 µm), polyester film provides high puncture, abrasion, and edge tear resistance. Very resistant to chemicals, solvents and aging. Offers high dielectric strength and insulation resistance.