IPG® (Intertape®) 4240



IPG® 4240 is a moderate strength glass scrim and conformable PET Film adhesive tape coated with an aggressive acrylic adhesive. It is intended for a variety of heavy duty insulating, banding and holding applications. The 1.0 mil (25µ) polyester film provides puncture, edge tear and abrasion resistance. IPG® 4240 is specially designed and intended for use in oil-filled transformers. Once thermoset, the acrylic adhesive offers superior resistance to chemicals, solvents, and aging in addition to excellent dielectric strength and insulation resistance.

Nominal Values

Backing	PET Film / Bidirectional Fiberglass Scrim
Backing Thickness	0,13 mm
Adhesive Type	Acrylic, thermosetting
Total Thickness	0,250 mm
Insulation Class	F 155°C (DIN EN 60085, OANZ2 & OANZ8)
Color	Clear (00)
Adhesion to Steel	10,95 N/25 mm
Tensile Strength	590,00 N/25 mm
Elongation at Break	6%
Dielectric Strength	5000 V
Length	33 m, other lengths upon request
Width	6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, other widths upon request
Storage Life	The material can be stored at room temperature for at least 12 months.
Effective	24 February 2026

We provide the technical data of our products to the best of our knowledge, but without obligation. Due to the wide range of material and environmental influences, we recommend a suitability test on original products prior to use. Please also note the standard processing guidelines for adhesive tapes, which we will gladly send you upon request.

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Applications

- Oil-filled transformers
- Lead and saddle tie down
- Banding and bundling motor and transformer coils and coil covering

Benefits

- Excellent solvent, chemical, moisture, and aging resistance
- Puncture, edge tear and abrasion resistant
- Superb dielectric strength and insulation resistance

Storage Conditions

The Rolls should be stored in their packaging protected from light and at a temperature between 18°C to 24°C, with a relative humidity of 40% to 50%. When using an adhesive tape stored below 18°C, it is advisable to keep the tape at room temperature for 24 hours to preserve its characteristics.

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