IPG® (Intertape®) 51599 PV1



IPG® (Intertape®) 51599 PV1 is a PET Film / glass filament reinforced electrical insulation tape. It has a high tensile-strength, a conformable backing with aggressive adhesive, and is applicable for a variety of heavy duty insulating and holding applications. This tape is very resistant to chemicals, solvents and aging, and offers high dielectric strength and insulation resistance.

Nominal Values

Backing	PET Laminate, PET Film, Glass Filament
Backing Thickness	0,127 mm
Adhesive Type	Natural Rubber, thermosetting
Total Thickness	0,178 mm
Insulation Class	B 130°C (DIN EN 60085, OANZ2 & OANZ8)
Color	Beige (24)
Adhesion to Steel	15,00 N/25 mm
Tensile Strength	1500,00 N/25 mm
Elongation at Break	5%
Dielectric Strength	5000 V
Insulation Resistance (megaΩ)	$10^5\Omega$
Electrolytic Corrosion	A1,0
Flammability	BU2
UL-File #	E20780
CSA-File #	LR94980
Length	55 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	02 May 2022

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

- Transformers
- Coils and electric motors
- Bundling armature coils

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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