



61 and 61A

Technical Data Sheet

October 2017

Description and Features 61 and 61A are composed of Dacron and Glass woven fabric impregnated with a high quality electrical insulating varnish. 61A has a thermosetting acrylic pressure sensitive adhesive applied in one side. Both tapes have excellent flexibility and elongation. They have high dielectric strength, conforms tightly to irregular shapes and surfaces.

- Straight weave with bias characteristics.
- Exceptionally high dielectric strength.
- Retains dielectric strength on heat aging.
- Excellent flexibility and conforms well to irregular shapes.
- High tensile and edge-tear strength.
- Meet requirements for Class F insulation.

Backing	Adhesive	Color	Standard Size
Dacron fabric	Acrylic (61A) Without adhesive (61)	Light yellow	Width x Length 19 mm x 18,2 m (0.75 in. x 60 ft.) Other sizes available upon request

Technical Properties	Characteristic	61	61A	Test Method
	Adhesive	none	Acrylic	
	Thickness (mm)	0,18	0,20	ASTM D-902
	Tensile strength (N/cm)	70	70	ASTM D-902
	Elongation (%)			
	@44 N	2,5	2,5	ASTM D-902
	@67 N	6,0	6,0	ASTM D-902
	Adhesion to steel (N/cm)	-	3,5	ASTM D-1000
	Operating temperature (°C)	155	155	
	Emergency overload (°C)	185	185	
	Dielectric strength (kV/mm)	50	50	ASTM D-149

Recommended Uses 61 and 61A are excellent for use in motor coils, lead wires, layer insulation in small transformers and electrical maintenance work.

Storage In original packaging, placed in horizontal position under cover and temperature between 5°C and 35 °C, 50-80% R.H.

Shelf Life 24 months from date of manufacture.

Data in table represents average test results and are not to be used for specification purpose. The product users should make their own tests to determine the products' suitability for the intended use.

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