



Plymouth Rubber Europa S.A

# 61 and 61A



## Description

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

## Recommended Uses

Both tapes are excellent for use in motor coils, lead wires, layer insulation in small transformers, and electrical maintenance work.

## Specifications

PROPERTY	VALUE		UNIT	TEST METHOD
	61	61A		
<b>PHYSICAL</b>				
	dry	w/adhesive		
Color	tan	tan	-	-
Thickness	0.007	0.008	inch	ASTM-D-902
Tensile Strength	40	40	lb/in	ASTM-D-902
Elongation				
@10lb	2.5	2.5	%	ASTM-D-902
@15lb	6.0	6.0	%	ASTM-D-902
Adhesion	-	2.0	lb/in	ASTM-D-1000
Operating Temp	155	155	°C	
Emergency Overload	185	185	°C	
<b>ELECTRICAL</b>				
Dielectric Strength	1300	1300	v/mil	ASTM-D-149

Data in table represent average test results and are not to be used for specification purposes. The product user should make his/her own tests to determine the product's suitability for the intended use.

## Features

- 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.

## Sizes

- 3/4 in. x 60 ft.  
19mm x 20m
- 1 1/2 in. x 108 ft.  
38mm x 33m

Other sizes available upon request

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