

## Technical Data Sheet

Date of Issue 06/06/2016

Rev. 00\_06/06/2016

# 46AC

## Medium Duty Reinforced PET Tape



### Product Description

Lighter than PO3, Medium Duty PET Tape is a polyester tape with a glass fibre reinforcement and an acrylic adhesive. It combines mechanical strength, high insulation value with the benefit of a long lasting acrylic adhesive. It is resistant at high temperature up to 155°C.

It can be used for insulation of dry and oil filled transformer and coils, for sticking supply lines and for strain relief as a mechanical reinforcement.

### Features

- Meets Class F Electrical Requirements
- High Mechanical Strength
- Resistant to Corrosive Chemicals
- UL Approved
- High Temperature Performance

### Main Applications

- Insulation of dry and oil filled transformers
- Bonding Supply Lines
- Strain Relief for Mechanical reinforcement

### Technical Data

	Units	Std. Values
Total Thickness	µm	140
Backing Thickness	µm	45
MD tensile strength	N/cm	170
MD elongation at break	%	5
Peel Adhesion	N/cm	5.5
Service Temperature (up to)	°C	155
Dielectric Strength	kV	5
Class		F

### Backing material

Glass Fibre Reinforced  
Polyester

### Type of adhesive

Solvent acrylic

### Available colour



Transparent

### Technical Information and Product Use

All technical information and data above mentioned are provided to the best of our knowledge on the basis of our practical experience. Figures shown refer to average values only, based on tests carried out in conditioned laboratory and are not valid for specification. The company reserves the right to modify or change the products at any time without notice. The accuracy or completeness of such information is not guaranteed. The technical information, suggestions and other statements contained in this document have been compiled for your guidance and usage. PPM Industries reminds the user of the products to make sure that the product is used as per the instructions and suggestions provided. It is the user's sole responsibility to determine the suitability of the product in actual application under specific conditions.

### Storage and Shelf Life

Suggested storage in dry area away from direct sunlight temperature should range from 59°F / 15°C to 77°F / 25°C with max relative humidity of 50%. Tape and jumbo roll should be used respectively within 12 months and 6 months from date of manufacture. PPM Industries does not take responsibility for the defective material if is not stored and used in accordance with the conditions listed above.