



PATCO® 585
Polyethylene Dissimilar Metal
Tape

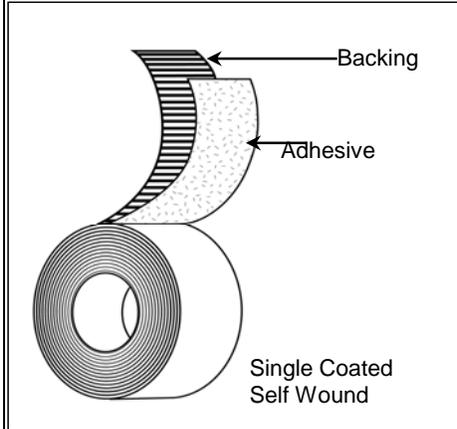
APPLICATIONS

- Permanent barrier between dissimilar metals.
- Prevents electrolytic corrosion.
- Aerospace industry.
- Truck assembly.
- Machine construction.

FEATURES & BENEFITS

- Good insulator.
- Excellent conformability.
- Good UV and moisture resistance.
- Allows for permanent seal.
- Long-life protection indoors or out.
- Prevents build up of corrosion.

CONSTRUCTION



PRODUCT DESCRIPTION

Single-Coated Construction

Backing:

- Low Density Polyethylene

Adhesive:

- Acrylic

Colors:

- White, Clear

TEST DATA

Test	Typical Value	Typical Value (Metric)	Test Method
Total Thickness	5.5 mils	0.140 mm	PSTC-133
Substrate Thickness	4.5 mils	0.114 mm	PSTC-133
Adhesion to Steel	56 oz./in.	0.613 N/mm	ASTM D-3330
Tensile Strength	11 lb./in.	1.926 N/mm	ASTM D-3759
Elongation (%)	400 %		
Application Temperature Range	50°F to 120°F	10°C to 49°C	
Operating Temperature Range	-40°F to 190°F	-40°C to 88°C	

**Recommended storage conditions: 40-60% Humidity, 60 °F - 80 °F

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