



PERMACEL & NITTO DENKO AUTOMOTIVE. INC.

P-11 / P-11L

## ALUMINUM FOIL TAPE

P11 is a solvent resistant, dead soft aluminum foil tape with a high performance acrylic adhesive engineered for a wide range of aerospace and industrial applications.

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### Features

- Aggressive, custom-formulated adhesive adheres tightly when smoothed down on work surfaces.
- Permits clean and easy removal, with no residue.
- Dead soft aluminum foil backing provides excellent conformability and solvent resistance.
- Easy to handle, easy to apply and readily conforms to irregular surfaces.
- Acrylic adhesive/foil backing construction makes for a vapor-tight seal that effectively combats moisture, contamination and corrosion.
- Aging is practically non-existent because of the inherent stability of aluminum foil.
- P11L offers a paper liner for ease of use when working with wide widths or die cutting precision part, such as window masks.

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### Product Construction



Aluminum Foil  
Adhesive Layer

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### Application

- During aircraft stripping work, P-11 is used as a window mask and protective covering of critical parts against stripping compounds.
- Also used as a mask in paint stripping and electro-plating operations...and for sealing duct joints in heating and air-conditioning systems.
- In its interlined version, P-11L can be die cut to meet the exact dimensions of aircraft windows.
- P-11 offers the ultimate in moisture vapor protection. Highly recommended for waterproof sealing of drums and canisters, edge sealing of double-pane thermo windows, and, for heat shielding and elimination of "hot spots" in small applications.
- Also used to hold protective drapes in place during stripping, and to form a trough for diverting the wash-off of paints and chemicals.
- In the refrigerator industry, P-11 is used as a condenser and evaporator fastener.

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### Properties

<b>Backing material</b>	Dead soft aluminum foil	
<b>Adhesive</b>	Acrylic	
<b>Color</b>	Aluminum	
	<b>Imperial</b>	<b>Metric</b>
<b>Total Tape Thickness w/ liner</b>	5.0 mils	0.127 mm
<b>Foil Thickness</b>	3.0 mils	0.076 mm
<b>Tensile Strength</b>	29 lbs/in	51 N/10 mm
<b>Elongation</b>	5.5%	5.5%
<b>Adhesion to Steel</b>	60 oz/in	6.5 N/10 mm
<b>Government Specifications</b>	L-T-80B, MIL-T-23397B	

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**\*CAUTION:** The above are typical values and should not be used in writing specifications. Customer is responsible to ensure product meets intended application requirements before approved for use.