

# PRC® Customized Sealant Solutions

## PRC® FIP Strip Form-In-Place Tape



### What is FIP Strip?

FIP Strips are a new innovative sealing method designed to reduce application costs and improve efficiency. They are pre-formed strips of sealant for use in sealing of gaps, joints or other areas where conventional wet sealants may be used. They are available in a number of standard sizes and shapes, as well as custom designed configurations to fit your unique requirements.

### Why FIP Strip?

- **Faster**
  - Reduced application cost
  - Ready to apply in 5 minutes
  - Cures in just 4 hours
  - 50% reduction in gasket assembly time
- **Easier**
  - No mixing of sealant
  - Simple application
  - No special skills required to apply
  - Less masking required
- **Cleaner**
  - Reduced waste
  - Less clean-up required
  - Requires less solvent use for clean-up
- **Improved Quality**

### FIP Strip Technology

FIP Strip is a manganese dioxide cured Permapol® P-6 sealant, pre-formed and delivered frozen for use. This unique PPG Aerospace technology provides a one hour work life when thawed, exhibiting a consistency of a workable putty, and cures to a resilient seal that is resistant to common aircraft fuels and fluids.

### Typical Applications

Typical applications for FIP Strip may include sealing of access doors or panels in place of conventional sealants. FIP Strip may also be used in place of wet sealants in certain applications where a gasket type seal is required.

### Available Standard Sizes

FIP Strip is available in lengths of 12-inch (305mm) increments in the following widths and thicknesses.

Width Inches (mm)	Thickness Inches (mm)
0.50 (12.7)	0.050 (1.27)
	0.100 (2.54)
1.00 (25.4)	0.050 (1.27)
	0.100 (2.54)
1.50 (38.1)	0.050 (1.27)
	0.100 (2.54)

Available in precut lengths. Please consult your sales representative for additional size options.

### Storage Life

The storage life of FIP Strips is at least 60 days when stored at temperatures below -80°F (-62°C).

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## Typical Properties

Cured @ 14 days 77°F (25°C) 50% RH	
Color	Grey
Cured Specific Gravity	1.52
Application Life/Working Time	1 hour
Cure Time to 35 Shore A	<4 hours
Nonvolatile Content %	99
Ultimate Cure Hardness Durometer A	50-60
Lap Shear psi (Kpa)/%cohesion	120(828)/100%
Tensile Strength psi (Kpa)	124 (856)
Elongation %	100

*For other performance properties please consult the TDS.*

## Application Steps

Prior to applying FIP Strips allow the material to thaw for 4-10 minutes at temperatures between 65°F (18°C) and 80° F (27°C) in its covered package.

Immediately prior to applying FIP Strips to primed substrates, contaminants such as dirt, grease and /or processing lubricants must be removed via appropriate cleaning procedures.

For most cleaned substrates where adhesion is required, an adhesion promoter such as PR-188, is recommended. For surfaces where no adhesion is desired, a suitable release agent should be applied.

For further information regarding surface preparation please consult the product technical data sheet, or contact our Engineering Services group at (818) 549-7511 or (800) AEROMIX for assistance.

## Health Precautions

This product is safe to use and apply when recommended precautions are followed. Before using this product, read and understand the Material Safety Data Sheet (MSDS), which provides information on health, physical and environmental hazards, handling precautions and first aid recommendations. An MSDS is available on request. Avoid overexposure. Obtain medical care in case of extreme overexposure.

For industrial use only. Keep away from children.

Additional information can be found at [www.ppgaerospace.com](http://www.ppgaerospace.com).

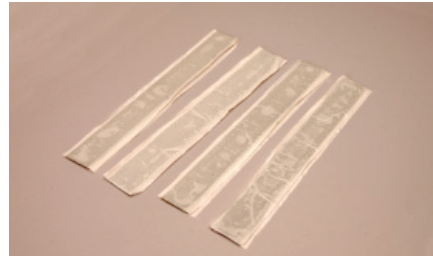
For sales and ordering information please call 1-800-AEROMIX.

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**Step 1**  
Clean and prepare surface.



**Step 2**  
Thaw needed PRC® FIP



**Step 3**  
Apply PRC® FIP to the prepared surface.



**Step 4**  
Assemble parts. Cure time approximately 4 hours.



**Step 5**  
Completed seal.



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