

# FM® 73

Epoxy; Epoxide

Cytec Industries Inc.

## Message:

FM® 73 film adhesive is a toughened, general purpose aerospace epoxy designed to provide excellent structural performance from -67°F to 180°F (-55°C to 82°C). FM 73 film adhesive is formulated to provide outstanding durability in bonding metals and is also suitable for bonding many structural composite systems. Extensive testing has proven that FM 73 adhesive meets stringent environmental resistance and bonding durability requirements. To achieve maximum environmental resistance and bonding durability the use of BR® 127 corrosion inhibiting primer is recommended in bonding metallic components.

Suggested Applications:

Metal-to-metal bonding

Composite-to-composite bonding

Composite-to-metal bonding

## General Information

Features	Durable Good Corrosion Resistance Good Strength Good Toughness Humidity Resistant
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Uses	Adhesives Aerospace Applications Bonding Structural Parts
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Appearance	Green Yellow
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Forms	Film
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## Mechanical

	Nominal Value	Unit
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Shear Strength		
24°C <sup>1</sup>	45.4	MPa
24°C <sup>2</sup>	39.8	MPa

## Additional Information

	Nominal Value	Unit
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Volatiles	< 1.3	%
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## NOTE

1.	Metal-to-Metal, 0.063 in. (1.60 mm) 2024-T3 clad, FM 73M OST 0.06 lb/ft <sup>2</sup> (300 g/m <sup>2</sup> )
2.	Metal-to-Metal, 0.063 in. (1.60 mm) 2024-T3 clad, FM 73M 0.03 lb/ft <sup>2</sup> (150 g/m <sup>2</sup> )

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#### Recommended distributors for this material

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