

# FM® 410-1

Epoxy; Epoxide

Cytec Industries Inc.

## Message:

FM® 410-1 adhesive foam is a modified epoxy adhesive foam designed for splicing honeycomb core under zero pressure, bonding of inserts or edge members to core and local honeycomb core reinforcement where increased shear strength is required. FM 410-1 adhesive foam contains no aluminum powder and has good radar transparency. FM 410-1 adhesive foam is supplied in sheet or roll form and may be cured in place with either free foaming or restrained foaming processes. The operating temperature is -67°F to 350°F (-55°C to 177°C).

Suggested Applications:

Splicing honeycomb core

Bonding inserts or edge members to core

Localized reinforcement of honeycomb where increased shear strength is required

General Information		
Features	Good Adhesion	
	Good Strength	
Uses	Adhesives	
	Bonding	
	Foam	
	Structural Foam	
Appearance	Green	
Forms	Sheet	
Processing Method	Foam Processing	
Physical	Nominal Value	Unit
Specific Gravity	0.240 to 0.561	g/cm <sup>3</sup>
Mechanical	Nominal Value	Unit
Shear Strength		
24°C <sup>1</sup>	7.58	MPa
24°C <sup>2</sup>	6.21	MPa
Additional Information	Nominal Value	Unit
Volatiles	< 1.0	%
NOTE		
1.	Tube Shear, 350°F cure	
2.	Tube Shear, 250°F cure	

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