

# METLBOND® 1515-3

Epoxy; Epoxide  
Cytec Industries Inc.

Message:

Metlbond® 1515-3 and Metlbond 1515-3 MHT are 350°F (177°C) curing modified epoxy supported film adhesives. Metlbond 1515-3 can also be cured at 250°F (121°C). Its maximum continuous service temperature range is 275°F to 320°F (135°C to 160°C). Metlbond 1515-3 is available in medium- and high-tack (HT) versions which give the same mechanical and physical properties. Metlbond 1515-3 is commonly used for BMS 5-154 metal-to-metal and composite bonding and BMS 8- 341 cosmetic surfacing.

Suggested Applications:

Metal-to-metal bonding

Composite bonding

Cosmetic surfacing

General Information		
Features	Good Surface Finish	
	Heat Cure	
	High Heat Resistance	
	Humidity Resistant	
Uses	Adhesives	
	Aerospace Applications	
	Bonding	
	Metal Bonding	
Appearance	Blue	
Forms	Film	
Thermal	Nominal Value	Unit
Glass Transition Temperature <sup>1</sup>	170	°C
Additional Information	Nominal Value	Unit
Volatiles	< 1.0	%
Cured Properties	Nominal Value	Unit
Lap Shear Strength <sup>2</sup>		
24°C	32.4	MPa
149°C	20.7	MPa
NOTE		
1.	Dry, G' knee by dynamic mechanical analysis	
2.	Metal-to-Metal, 1515-3 0.05 lb/ft² (242 g/m² ), BMS 8-245B, 2024 T3 aluminum, no primer Tested at 270°F (132°C)	

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Recommended distributors for this material

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