

LIGHTWEIGHTING MEETS STRENGTH

EPIBOND® 115 A/B structural adhesive eliminates the need for mechanical fasteners on large structural composite parts – leading to lighter, stronger, longer-lasting aircraft and advanced air mobility (AAM) vehicles.

PRODUCT BENEFITS

- Reduces weight by up to 75% when replacing mechanical fasteners
- Enhances vibration resistance with high toughness
- Facilitates large part assemblies with a 180-minute working time
- Functions as a liquid shim due to gap filling properties
- Creates uniform bond line with spacer beads
- Maintains mechanical properties in extreme temperature fluctuations
- Enables bonding of composite primary structures with high shear and peel strength

MADE POSSIBLE



What makes EPIBOND® 115 A/B Adhesive different when compared to another leading structural adhesive?

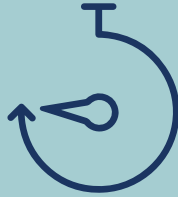
The combination of faster time to handling strength, the longer open time and easy mix ratio - in addition to its high peel and high shear - helps you improve manufacturing productivity and build stronger, longer-lasting parts.

PROPERTIES & PERFORMANCE

300°F
149°C
Service temperatures



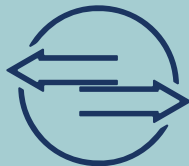
180 min
Long working time



Non-sag
for application
on large parts



**High Lap Shear
Strength**

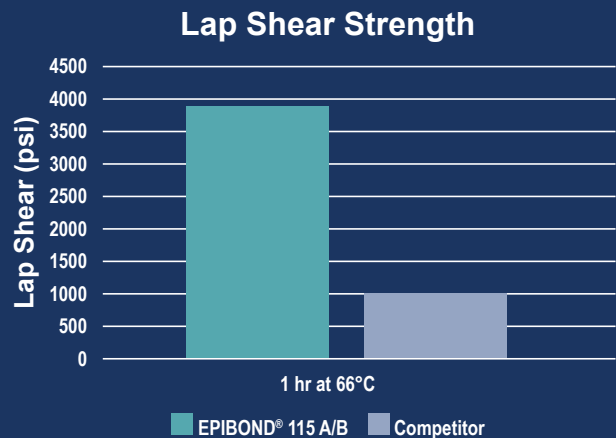


Lap Shear Strength

4520 psi **31** MPa
at - 67°F (- 55°C)

4740 psi **32.6** MPa
at RT

3975 psi **27** MPa
at 200°F (93°C)



To learn more about
our Aerospace products please visit
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