

# A Core Splice Film You Can Handle

## **3M™ Scotch-Weld™ Core Splice Adhesive Film AF 3074 FST**

3M Scotch-Weld Core Splice Adhesive Film AF 3074 FST brings reliability and efficiency to your manufacturing process. Consistent expansion across cure profiles and excellent mechanical and FST properties make it suitable for a wide variety of interior and aero-structure applications. The optimal balance of tack and reposition-ability, easy cutting, and the ability to be shipped and stored at room temperature make it ideal for everyone from the supply chain to the shop floor.

# A New Approach to Core Splice

This epoxy-based, low-density splice film can be stored and transported unfrozen for up to six months, and its high and repeatable expansion rates deliver reliable consistency across individual assemblies and entire jobs. The result: more flexible production planning, faster production and reduced weight per part.

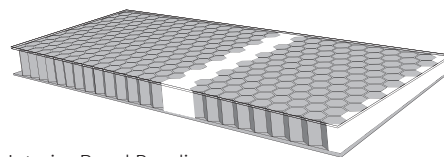
- Repeatable expansion rates add consistency to the parts
- Low density of 0.4 g/cm<sup>3</sup> @ free expansion
- Less sensitive to heat and humidity
- Less cold flow keeps cut edges smooth and gloves clean
- Up to six months shelf life and shop life at room temperature
- Enables non-refrigerated transport
- Classified non-dangerous good – can be transported by air
- Co-curable film is compatible with 120°C and 180°C cure cycles with wide service temperatures from -55°C up to 135°C



Panel Application

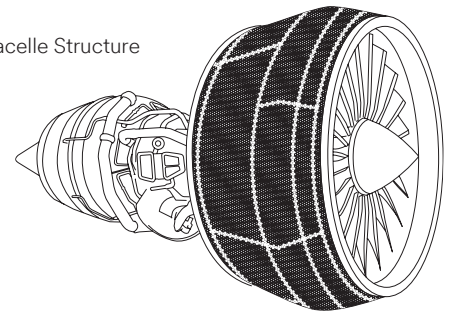
## Applications for core splicing and reinforcement:

- Primary and secondary structures
- Interior monuments
- Engine nacelle



Interior Panel Bonding

Engine Nacelle Structure



## Fully Backed by 3M Technical Service and Support

Get what you need, when you need it... Contact your 3M Aerospace sales specialist for more information on 3M™ Scotch-Weld™ Core Splice Adhesive Film AF 3074.

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