

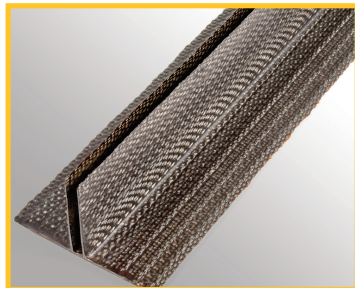
FILM INFUSION CAPABILITIES FOR 3-D WOVEN JOINTS

CUSTOM FILM-INFUSED JOINTS PRE-MADE FOR SIMPLIFIED AEROSPACE ASSEMBLY

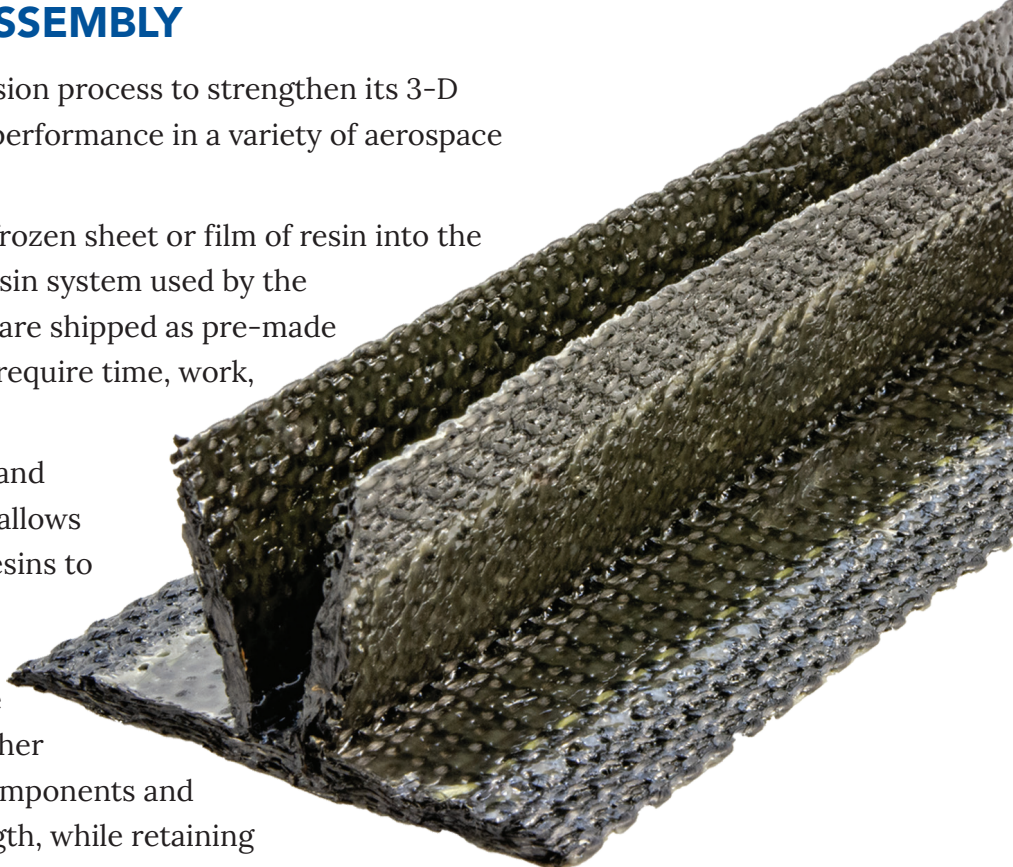
Bally Ribbon Mills developed its film infusion process to strengthen its 3-D woven structures with resin, enhancing performance in a variety of aerospace applications.

In the film infusion process, we infuse a frozen sheet or film of resin into the custom 3-D woven joint. Matching the resin system used by the customer, film-infused 3-D woven joints are shipped as pre-made assemblies, saving processing steps that require time, work, and specialized machinery.

Used in airframe structural components and subassemblies, the film infusion process allows Bally Ribbon Mills to infuse a variety of resins to these complex 3-D woven shapes. This



provides designers the ability to further customize components and ensure strength, while retaining lightweight features.



ADVANCED PRODUCTS GROUP

23 North 7th Street • Bally, PA 19503 USA
Tel: 610-845-2211 • Fax: 610-845-8013
e-mail: APG@ballyribbon.com
www.ballyribbon.com

