



Release Fabrics

Tygavac Release Fabrics are a range of PTFE coated non-porous glass fabrics and have been supplied by Tygavac as industry standards for many years.

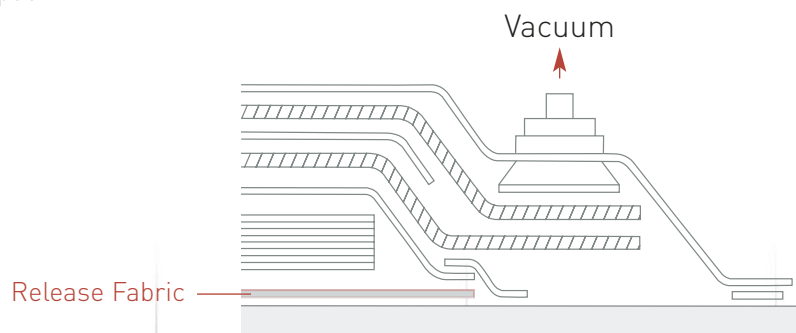
Release fabrics are generally used directly in contact with the tool surface to act as a release sheet for easy removal of the components. Unlike release films, they can often be re-used resulting in economies. Also, they are easier to handle than release films which can crease and mark off onto the components.

The PTFE coating is fused onto the glass fabric at high temperatures and is unlikely to contaminate the component. Because PTFE coating has the lowest coefficient of friction of any known solid, resins in the pre-preg flow easily against the fabric surface resulting in elimination of pinhole problems in the finished laminate.

A comprehensive range of products is available offering a choice of different surface finishes and widths. A self adhesive product is also available for permanent bonding to the tool surface, details of which are provided in the PS Tapes Release section.

Tygavac Product	Thickness Range (mm)	Width Range (m)	Maximum Use Temp (°C)	Surface Finish	Application
TFG--- (PTFE coated glass fabric)	0.075 0.350	1.0 to 2.4	400	Higher or medium gloss	Removable release surface for flat or single curvature tool surfaces, press platens, etc. Use to eliminate surface pinholes in laminates

Note: Some of the above products can be offered with pin prick perforations to allow air/vapour bleed out - please ask for details.



All statements, technical information and recommendations contained in this publication are based on tests believed to be reliable, but their accuracy and/or completeness are not guaranteed. The user shall determine the suitability of the product for his particular purpose and shall assume all risk and liability in connection therewith. All products are sold subject to Tygavac Advanced Materials standard Conditions of Sale.

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