



## STRUCTURAL PREPEG EX-STOCK AVAILABILITY

We can also supply material to your exact specifications, so if you find it is not listed please contact us. For an up to date listing of all products and services we supply refer to our web site, [www.lavender-ce.com](http://www.lavender-ce.com).

### VTM260 Series

A versatile epoxy resin system designed for both component and tooling manufacture. The system offers an outstanding vacuum-only processing capability for the widest scope of reinforcement formats.

- Flexible curing capability: 65-130°C
- 30 days tack life at 21°C
- 12 months freezer storage life
- Excellent handling and processing characteristics on reinforcements from lightweight veils to ultra heavyweight multiaxials (up to 2400gsm) and UD (up to 900gsm)

Product Code	Fabric Style	Roll Width	Resin Content
<b>CARBON FABRIC</b>			
VTM264/CF0300	199gsm 2/2 Twill Carbon (3K)	1250mm	42%
VTM264/CF3529	380gsm 2/2 Twill Carbon (12K)	1250mm	45%
VTM264/CF6410	400gsm $\pm 45^\circ$ Biaxial Carbon	1270mm	40%
<b>CARBON UD</b>			
VTM264/HS-200	200gsm HS Uni Directional Carbon	300mm	38%
<b>ARAMID</b>			
VTM264/AF0500	175gsm 4HS Aramid	1270mm	45%
<b>E-GLASS</b>			
VTM264/GF2300	290gsm 2/2 Twill E-Glass	1240mm	40%
VTM266/EBX602	602gsm $\pm 45^\circ$ Biaxial E-Glass	1270mm	35%
<b>RESIN FILM</b>			
VTA260/PK13-313	300gsm Resin Film / 13gsm Polyester Knit Carrier	1100mm	N/A

### SURFACING SYSTEM

VTF261 standard lightweight surfacing materials are formatted to ensure a high quality, fault-free surface finish on vacuum-bag or autoclave moulded components. The material offers a flexible curing capability between 65 and 120°C and is ideal for clear cosmetic finish components.

Product Code	Fabric Style	Roll Width	Resin Content
VTF261/CF3200-DC	245gsm 2/2 Twill Carbon (3K)	1250mm	40%

### BPS240 ZPREG™ BODY PANEL SYSTEM

BPS240 is a two-ply partially-impregnated epoxy prepreg system designed for the manufacture of Body-In-White (BIW) panels with excellent surface-quality from vacuum-bag processing or compression moulding at cure temperatures between 85°C - 180°C.

Product Code	Fabric Style	Roll Width
<b>SURFACE PLY</b>		
VTF241FRB/PK130/CF1100	410gsm 2/2 Twill Carbon (6K) / 130gsm Polyester Knit	1220mm
<b>BULK PLY</b>		
VTS243FR/CF3500-0.75mm	380gsm 2/2 Twill Carbon (12K) / 0.75mm Syntactic	1250mm

**MTM49-3**

A high performance toughened epoxy resin system exhibiting excellent ambient and high temperature mechanical properties combined with good impact resistance. The system can be used at temperatures up to 180°C after a suitable cure. It can be cured between 80°C and 160°C, and processed using autoclave, vac bag, or press cures.

Product Code	Fabric Style	Roll Width	Resin Content
<b>CARBON FABRIC</b>			
MTM49-3/CF0300	199gsm 2/2 Twill Carbon (3K)	1250mm	45%

**MTM56**

A versatile epoxy resin system designed for component manufacture. The system exhibits excellent toughness and can be used at temperatures up to 100°C after a suitable cure. It can be cured between 80°C (5 hours) and 120°C (10 min), and processed using autoclave, vac bag, or press cures.

Product Code	Fabric Style	Roll Width	Resin Content
<b>CARBON FABRIC</b>			
MTM56B/CF0100	283gsm 4/4 Twill Carbon (3K)	1250mm	45%
MTM56/CF0300	199gsm 2/2 Twill Carbon (3K)	1250mm	45%
<b>HYBRID</b>			
MTM56/HF0100	210gsm 3/1 Twill Carbon/Aramid	1250mm	45%

**MTM56FRB**

A fire retarded version of the standard MTM56 prepreg matrix. This system meets the flammability requirements of FAR 25.853 and JAR 25.853.

Product Code	Fabric Style	Roll Width	Resin Content
<b>E-GLASS</b>			
MTM56FRB/GF0100	300gsm 8HS E-Glass	1270mm	40%

**MTM57**

A versatile epoxy resin system designed for component manufacture. The system exhibits excellent toughness and possesses good impact resistance. Up to 60 days outlife.

Product Code	Fabric Style	Roll Width	Resin Content
<b>CARBON FABRIC</b>			
MTM57/CF2600	310gsm 2/2 Twill (6K) Carbon	1250mm	42%
MTM57/CFM010	400gsm ±45° Biaxial Carbon	1270mm	38%
<b>CARBON UD</b>			
MTM57/PANEX35(50K)-300	300gsm HS Uni Directional Carbon	600mm	35%

**ADHESIVE FILM**

MTA240 is an 80-120°C curing film adhesive suitable for bonding both aluminium and composite substrates either to themselves or to honeycomb core materials. It can be used with MTM and VTM prepreg products to produce sandwich components by the co-curing process.

Product Code	Fabric Style	Roll Width	Resin Content
MTA240/PK13-313	300gsm Adhesive Film/13gsm Polyester Knit Carrier	1170mm	N/A

**Note:**

The user will determine the suitability for use of these products. The recommendations / data given above are based on information we believe to be accurate. They are intended to be used only as a guide for selection for end-use evaluation and do not constitute a product specification. Lavender CE cannot assume responsibility for results obtained by use of these products as we have no control over end-use applications or handling. Lavender CE therefore specifically disclaims any damage or loss of any kind in relation to the use of these products.