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PREPREG STOCK LIST

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.

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
CARBON FABRIC			
VTM264/CF0302	199gsm 2/2 Twill Carbon (3K)	1250mm	42%
VTM264/CF3529	380gsm 2/2 Twill Carbon (12K)	1250mm	45%
VTM264/CF6400	400gsm ±45° Biaxial Carbon	1270mm	40%
VTM264-40%-12KHS-2X2T-660-1250	660gsm 2/2 Twill Carbon (12K)	1250mm	40%
CARBON UD			
VTM264/HS-200	200gsm HS Uni Directional Carbon	300mm	38%
VTM264/HS-400	400gsm HS Uni Directional Carbon	300mm	38%
ARAMID			
VTM264/AF0500	175gsm 4HS Aramid	1270mm	45%
E-GLASS			
VTM264/GF2300	290gsm 2/2 Twill E-Glass	1240mm	40%
VTM266/GF2900	602gsm ±45° Biaxial E-Glass	1270mm	35%
RESIN FILM			
VTA260/PK13-313	300gsm Resin Film / 13gsm Polyester Knit Carrier	1100mm	N/A

VTF261 SURFACING SYSTEMS

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
VTF261-38%-1KHS-P-120-1000 DC	120gsm Plain Weave Carbon (1K)	1000mm	38%
VTF261/CF3200-DC	245gsm 2/2 Twill Carbon (3K)	1250mm	40%

VTF266 is a grey surface improvement film which moulds to a tough, sandable, paint-ready surface directly from the tool. The material offers a flexible curing capability between 65 and 120°C and is ideal for Out-of-Autoclave (OoA) processing.

Product Code	Fabric Style	Roll Width	Resin Content
VTF266/PM17-167	150gsm Surfacing Film / 17gsm Polyester Mat	1270mm	N/A

VTM260 Series Fire Retardent

A fire retardent version of the versatile VTM260 series system. Self extinguishing to FMVSS302/ISO3795/SAE J369.

Product Code	Fabric Style	Roll Width	Resin Content
CARBON FABRIC			
VTM264FRB-38%-12KUTS50F22-P-80-1000	80gsm Plain Weave Carbon (12K Textreme)	1000mm	38%
VTM264FRB-42%-3KHS-2X2T-199-1270	199gsm 2/2 Twill Carbon (3K)	1270mm	42%
HYBRID			
VTM244FR-45%-3KTR30/K49-2X2T-190-1270	190gsm 2/2 Twill Carbon/Aramid	1270mm	45%

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
CARBON FABRIC			
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 100C 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
CARBON FABRIC			
MTM56/CF0300	199gsm 2/2 Twill Carbon (3K)	1250mm	43%
HYBRID			
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
E-GLASS			
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
CARBON FABRIC			
MTM57/CF6400	400gsm $\pm 45^\circ$ Biaxial Carbon	1270mm	38%
CARBON UD			
MTM57/T700-300	300gsm HS Uni Directional Carbon	400mm	35%
MTM57/T700-450	450gsm HS Uni Directional Carbon	400mm	35%
E-GLASS FABRIC			
MTM57/GF2300	290gsm 2/2 Twill E-Glass	1240mm	39%
E-GLASS UD			
MTM57/E-GLASS-300	300gsm Uni Directional E-Glass	400mm	35%

MTA240 ADHESIVE FILM

PRICES EXCLUDE GST

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 ACG's 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	1100mm	N/A

HTM60

PRICES EXCLUDE GST

HTM60 is a 180°C curing epoxy system developed for very high temperature applications. After post cure the system offers a maximum operating temperature of 205°C.

Product Code	Fabric Style	Roll Width	Resin Content
HTM60/CF0302	199gsm 2/2 Twill Carbon (3K)	1250mm	42%

LTM217

PRICES EXCLUDE GST

A low temperature curing tooling system used for the manufacture of autoclave processed high temperature composite tools. Initial cure temperature is achieved in the 55-65°C range, with free-standing post-cure providing a 180°C long term continuous service temperature.

Product Code	Fabric Style	Roll Width	Resin Content
LTM217/CF0300T	199gsm 2/2 Twill Carbon (3K)	1250mm	N/A
LTM217/CF0700T	660gsm 2/2 Twill Carbon (12K)	1250mm	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.