

## 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](http://www.lavender-ce.com).

### Low Temperature Curing – DT806R

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
- 21 days out life at 21°C
- 12 months freezer storage life
- Excellent handling and processing characteristics

Product Code	Fabric Style	Roll Width	Resin Content
<b>CARBON FABRIC</b>			
GG200T(T300)-DT806R-42 ME (H 125 cm)	199gsm 2/2 Twill Carbon (3K)	1250mm	42%
GG380T(T700)-DT806R-42 (H 125 cm)	380gsm 2/2 Twill Carbon (12K)	1250mm	42%
GG630T-DT806R-37 (H 125 cm)	630gsm 2/2 Twill Carbon (12K)	1250mm	37%
<b>CARBON UD</b>			
T700-200-DT806R-36 EF (H 60 cm)	200gsm HS Uni Directional Carbon	600mm	36%
T700-400-DT806R-36 EF (H 60 cm)	400gsm HS Uni Directional Carbon	600mm	36%
<b>ARAMID</b>			
AA284-DT806R-50 (H 120 cm)	170gsm 2/2 Twill Aramid	1200mm	50%
<b>E-GLASS</b>			
VV105S-DT806R-45 ME (H 112cm)	105gsm 4 Harness Satin E-Glass	1120mm	45%
VV290T-DT806R-40 (H 127 cm)	290gsm 2/2 Twill E-Glass	1270mm	40%
VV600X-DT806R-35 (H 127 cm)	602gsm ±45° Biaxial E-Glass	1270mm	35%
<b>SYNTACTIC PLY</b>			
NP200N-DT806R-70 (H 115 cm)	200gsm Syntactic Ply	1150mm	70%

### Surfacing Films Surface Improvement - FS01 1 Abrasion Resistant - DT132RA

FS01 1 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 80 and 135°C and is ideal for Out-of-Autoclave (OoA) processing.

Product Code	Fabric Style	Roll Width	Resin Content
FS011-200-20-1260 G	200gsm Surfacing Film / 20gsm Polyester Veil	1260mm	N/A

DT132RA is an epoxy resin film containing abrasion resistant fillers which can be co-cured with standard component prepregs. The material offers a flexible curing capability between 80 and 135°C.

Product Code	Fabric Style	Roll Width	Resin Content
DT132RA-300-24-600 G	300gsm Abrasion Resistant Film / 24gsm E-Glass Cloth Carrier	600mm	N/A

### Carbon Surfacing – VTF261

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%

### Flame Retardant, Self Extinguishing – FR150N

Black pigmented, halogen free fire retardant system. Meets FAR 25.853, App. F, Part I (Flammability) and Part V (Smoke) requirements as well as ABD 0031 Toxicity requirements. Classified as UL 94 – V1.

Product Code	Fabric Style	Roll Width	Resin Content
<b>E-GLASS</b>			
VV300S-FR150N-40 ME (H 127 cm)	300gsm 8 Harness Satin E-Glass	1270mm	40%

### High Temperature Component / Tooling - DT195N

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 170°C after a suitable cure. It can be cured between 75°C and 135°C, and processed using autoclave, vac bag, or press cures. Maximum Tg of 195 °C.

Product Code	Fabric Style	Roll Width	Resin Content
<b>CARBON FABRIC</b>			
GG200T(T300)-DT195N-45 MS (H 125 cm)	199gsm 2/2 Twill Carbon (3K)	1250mm	45%
GG630T(T700)-DT195N-37 (H 125 cm)	630gsm 2/2 Twill Carbon (12K)	1250mm	37%
<b>ZYLON FABRIC</b> (non-stock but readily available)			
ZZ300T-DT195N-42 MS (H 125 cm)	300gsm 2/2 Twill Zylon	1250mm	42%

### High Temperature Component - DT197N

An evolution on DT195N, slightly tougher and higher Tg. Maximum Tg of 200 °C.

Product Code	Fabric Style	Roll Width	Resin Content
<b>CARBON FABRIC</b>			
GG380T(T700)-DT197N-38 ME (H 125cm)	380gsm 2/2 Twill Carbon (12K)	1250mm	38%
<b>CARBON UD</b>			
T700-200-DT197N-36 EF (H 60 cm)	200gsm HS Uni Directional Carbon	600mm	36%
<b>ARAMID</b>			
AA284-DT197N-47 ME (H 120 cm)	170gsm 2/2 Twill Aramid	1200mm	47%
AA900S-DT197N-45 ME (H 120 cm)	335gsm 5 Harness Satin Weave Aramid	1200mm	45%
<b>E-GLASS</b>			
VV105S-DT197N-45 ME (H 112cm)	105gsm 4 Harness Satin E-Glass	1120mm	45%
<b>S2-GLASS</b>			
VV300S(S2)-DT197N-35 ME S932 (H 127 cm) RL25	300gsm 8 Harness Satin S2-Glass	1270mm	35%

## Ultra High Temperature Component (Cyanate Ester) – DT01CN

DT01CN is a high performance cyanate ester system, with a maximum Tg above 350 °C. For use on components with service temperatures up to 250 °C. Resistance to outgassing for space applications. Low dielectric constant and low dissipation factor. Inherently flame retardant. The material offers a flexible curing capability between 85 and 150°C.

Product Code	Fabric Style	Roll Width	Resin Content
<b>CARBON FABRIC</b>			
GG200T(T300)-DT01CN-42 MS (H 125 cm)	199gsm 2/2 Twill Carbon (3K)	1250mm	42%

## Hot Press Moulding – DT130EN

DT130EN is a press moulding system with controlled flow and extended out-life. It can be press moulded between 135°C (30 mins) and 150°C (10 min) or autoclave cured. Black pigmented resin

Product Code	Fabric Style	Roll Width	Resin Content
<b>CARBON FABRIC</b>			
GG200T(AS4C)-DT130EN-42 ME (H 125 cm)	199gsm 2/2 Twill Carbon (3K)	1250mm	42%

## Adhesive Film – AX003

AX003 is a versatile 65-140°C curing film adhesive suitable for bonding both aluminium and composite substrates either to themselves or to honeycomb core materials. Unpigmented, the film will not leach through the surface layer of the laminate and cause discolouration. A black pigmented version is available also.

Product Code	Fabric Style	Roll Width	Resin Content
AX003-150-600-F	150gsm Adhesive Film / No Carrier	600mm	N/A
AX003-240-30-600 F	240gsm Adhesive Film / 30gsm Polyester Mat Carrier	600mm	N/A

## Pre-Formed Edging System - KORDO

KORDO is a pre-formed edging system. When integrated within a prepreg layup, it can provide a round, finished edge in the final component, with no need for cutting and trimming. Utilising DT806R resin system, which offers a versatile curing temperature range of 65-130°C.

Product Code	Fabric Style	Roll Length	Resin Content
KORDO 3C-200-DT806R	PET Inner Braid with 200gsm HS +-45 Biax Carbon Outer. Edge Thickness: 3mm	50m	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.