

**FORMAX STYLE:** [GE, 1600, 0/-45/90/+45]  
**FORMAX CODE:** FGE160

**REINFORCING FIBRE SPECIFICATION**

**FIBRE TYPES:** E-GLASS  
**CALCULATED AREAL WEIGHT:** 1607 GSM (±5%)  
**SIZE COMPATABILITY:** POLYESTER / EPOXY / VINYLESTER  
**FIBRE SPECIFICATIONS:** 1200TEX, 600TEX  
**WIDTH:** 1270MM

**STITCHING FIBRE SPECIFICATION**

**STITCHING THREAD:** 78DTEX TEXTURED POLYESTER  
**STITCHING GAUGE:** 6 GG  
**STITCH LENGTH:** 2.50MM  
**STITCH TYPE:** PILLAR / TRICOT  
**STITCH WEIGHT:** 7 GSM

**PLY CONSTRUCTION**

**0° PLY**

**FIBRE SPECIFICATION:** E-GLASS  
**FIBRE TEX:** 1200TEX  
**GAUGE:** 8.5 GG  
**PLY WEIGHT:** 400 GSM

**-45° PLY**

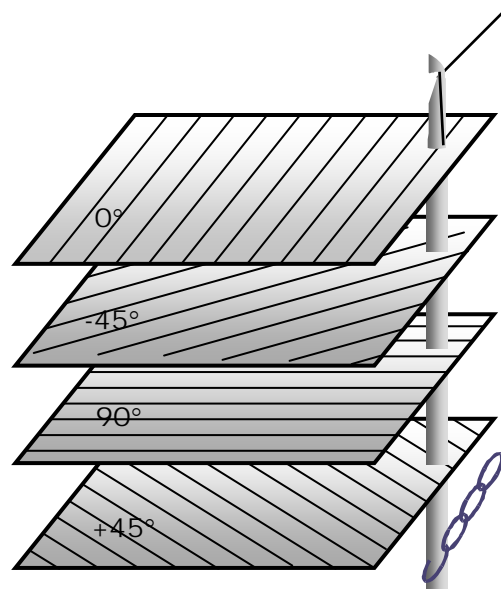
**FIBRE SPECIFICATION:** E-GLASS  
**FIBRE TEX:** 600TEX  
**GAUGE:** 12 GG  
**PLY WEIGHT:** 400 GSM

**90° PLY**

**FIBRE SPECIFICATION:** E-GLASS  
**FIBRE TEX:** 600TEX  
**GAUGE:** 17 GG  
**PLY WEIGHT:** 400 GSM

**+45° PLY**

**FIBRE SPECIFICATION:** E-GLASS  
**FIBRE TEX:** 600TEX  
**GAUGE:** 12 GG  
**PLY WEIGHT:** 400 GSM



MATERIAL PROPERTIES	0° DIRECTION	-45° DIRECTION	90° DIRECTION	+45° DIRECTION
GLASS CONTENT (%)				
FLEXURAL STRENGTH (N/MM <sup>2</sup> )				
FLEXURAL MODULUS (KN/MM <sup>2</sup> )				
TENSILE STRENGTH (N/MM <sup>2</sup> )				

This information is for design evaluation only. While it is believed to be correct, it is not guaranteed in any way. Formax stresses that it is the user that shall determine the suitability of a product for its end-use, and the user that assumes all liability in connection therewith.