

FORMAX STYLE: [GE, 800, 0/-45/90/+45]
FORMAX CODE: FGE111

REINFORCING FIBRE SPECIFICATION

FIBRE TYPES: E-GLASS
AREAL WEIGHT: 807GSM (±5%)
SIZE COMPATABILITY: POLYESTER / EPOXY / VINYLESTER
FIBRE SPECIFICATIONS: 600TEX, 300TEX
FABRIC WIDTH: 1270MM

STITCHING FIBRE SPECIFICATION

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

PLY CONSTRUCTION

0° PLY

FIBRE SPECIFICATION E-GLASS
FIBRE TEX: 600TEX
GAUGE: 8.5 GG
PLY WEIGHT 200GSM

-45° PLY

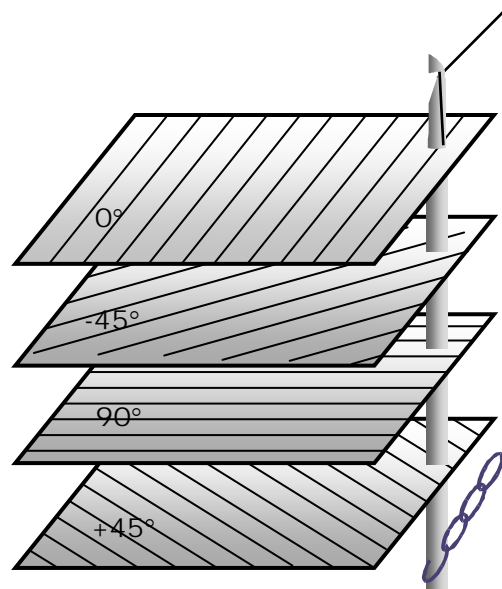
FIBRE SPECIFICATION E-GLASS
FIBRE TEX 300TEX
GAUGE: 12 GG
PLY WEIGHT 200GSM

90° PLY

FIBRE SPECIFICATION E-GLASS
FIBRE TEX 600TEX
GAUGE: 8.5 GG
PLY WEIGHT 200GSM

+45° PLY

FIBRE SPECIFICATION E-GLASS
FIBRE TEX 300TEX
GAUGE: 12 GG
PLY WEIGHT 200GSM



MATERIAL PROPERTIES	0° DIRECTION	-45° DIRECTION	90° DIRECTION	+45° DIRECTION
FIBRE CONTENT (%)	56.4	-	-	-
FLEXURAL STRENGTH (N/MM ²)	395	385	350	364
FLEXURAL MODULUS (KN/MM ²)	11.8	13	10.7	11.3
TENSILE STRENGTH (N/MM ²)	272	234	251	245

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.