

FORMAX STYLE: [GE, 450, -45/+45, ST]
FORMAX CODE: FGE103 ST

REINFORCING FIBRE SPECIFICATION

FIBRE TYPE: E-GLASS ROVINGS
AREAL WEIGHT: 443 GSM (±5%)
SIZE COMPATABILITY: POLYESTER / VINYLESTER / EPOXY
FIBRE SPECIFICATIONS: 300TEX & 68TEX
WIDTH: 1270MM (±5MM)

STITCHING FIBRE SPECIFICATION

STITCHING THREAD: 78DTEX TEXTURED POLYESTER
STITCHING GAUGE: 6 GG OR 2.36 ENDS/CM
STITCH LENGTH: 2.50MM
STITCH TYPE: PILLAR
STITCH WEIGHT: 7GSM

PLY CONSTRUCTIONS

0° SUPPORT THREAD

FIBRE SPECIFICATION E-GLASS YARN
FIBRE TEX: 68TEX
GAUGE: 0.5
PLY WEIGHT 1.5GSM

-45° PLY

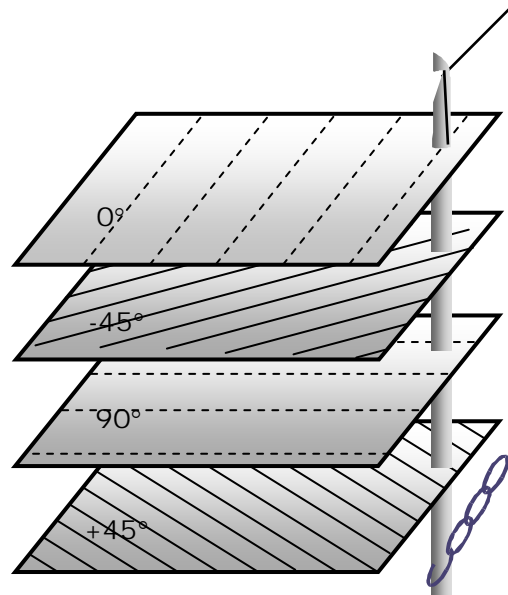
FIBRE SPECIFICATION E-GLASS
FIBRE TEX 300TEX
GAUGE: 13
PLY WEIGHT 216GSM

90° SUPPORT THREAD

FIBRE SPECIFICATION E-GLASS YARN
FIBRE TEX 68TEX
GAUGE 0.5
PLY WEIGHT 1.5GSM

+45° PLY

FIBRE SPECIFICATION E-GLASS
FIBRE TEX 300TEX
GAUGE 13
PLY WEIGHT 216GSM



| MATERIAL PROPERTIES | -45° DIRECTION | +45° DIRECTION |
|--|----------------|----------------|
| FIBRE CONTENT (%) | - | - |
| FLEXURAL STRENGTH (N/MM ²) | - | - |
| FLEXURAL MODULUS (KN/MM ²) | - | - |
| TENSILE STRENGTH (N/MM ²) | - | - |

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.