

**TECHNICAL DATA SHEET**

<b>54oz Fiberglass Fabric</b>
<b>FG-EG54OZ-052</b>

**DESCRIPTION:**

This 54oz heavyweight fiberglass fabric is exceptionally thick, open, and conformable. This is achieved by using 3D weaving technology to place yarns in the Z-Direction, creating open pathways for resin flow. This feature allows the fabric to be very thick, yet open enough to be usable in a vacuum infusion process.

**TECHNICAL DATA:**

<b>Weave Style:</b>	Orthogonal Weave E-glass fabric
<b>Raw Material:</b>	PPG Hybon 2022 E-glass or equivalent
<b>Weave:</b>	3D with 2 warp layers, 3 fill layers and Z-binder yarns
<b>Fiber Distribution:</b>	48% warp / 48% fill / 4% Z-yarn
<b>Weight:</b>	54 oz/ sq yd $\pm$ 1.5 oz/ sq yd (1830 gsm $\pm$ 50 gsm)
<b>Fabric Thickness:</b>	Approximately .078 inches (1.98 mm)
<b>Cured Ply Thickness:</b>	Approximately .050 inches (1.27 mm)
<b>Edge Type:</b>	Kevlar Leno @ Selvedge

**AVAILABILITY:**

<b>Standard Roll Size:</b>	52" wide x 44 yards (215 to 220 lbs/roll) Other sizes available upon request
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