



Off-the-roll, continuous 45° fabric offering:

- Optimal Off-Axis Properties – Improved In-Plane Shear & Torsional Performance
  - Drapability for Compound Curvatures
- Reduced Waste & Labor – Cutting of 0/90° Fabric on the Bias is Eliminated

---

## BIMAX-L-20

**Fabric:** 2 x 2 Twill

**Raw Material:** Bias - AS4C-GP 3K (Hexcel) – 96% of weight

Axial – Fiberglass Stabilizing Yarns (every 4<sup>th</sup> position) – 4% of weight

**Link to carbon fiber datasheet:**

[https://www.hexcel.com/user\\_area/content\\_media/raw/AS4C\\_Aerospace\\_HexTow\\_DataSheet.pdf](https://www.hexcel.com/user_area/content_media/raw/AS4C_Aerospace_HexTow_DataSheet.pdf)

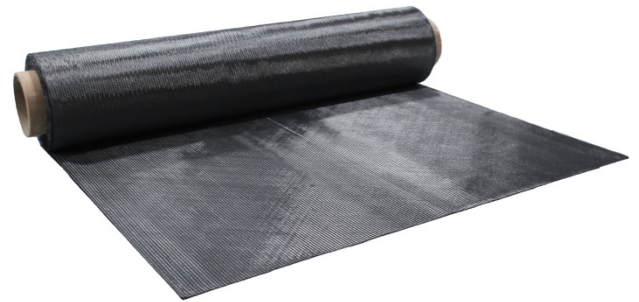
**Fabric Width:** 20"

**Braid Angle:** +/-45°

**Braid Yield:** 5.0 yd/lb (10.1 m/kg)

**Areal Weight:** 195 GSM

**Layer Thickness (@55%FV):** .01" (.20 mm)



### Standard Fabric Tolerances

**Yield Tolerance:** +/-5%

**Angle Tolerance:** +/-3°

Standard Packaging on 6" Cores

*Additional Quality Specifications available upon request*

---

For more information, please visit [www.braider.com](http://www.braider.com), or contact a sales representative at [sales@braider.com](mailto:sales@braider.com) or 513-688-3200

---

All technical information and data contained herein is believed accurate and reliable. However, the accuracy and completeness of this information is not guaranteed and is subject to change without notice. A&P Technology shall not be liable for injury, loss or damage whether direct or consequential arising out of use of the data provided herein.