

## KHS500

## TECHNICAL DATA SHEET

### General Description

KHS500, a “G-10” material, is manufactured from fiberglass and epoxy resin. Produced using the same processes and equipment as Norplex-Micarta’s other glass epoxy sheets, the KHS500 series of product has been optimized for use in aesthetic applications.



### Why UlteX™ KHS500

- ❖ Manufactured in Postville, Iowa by a team of professionals
- ❖ UlteX™ G-10 is produced to the highest standards in the industry
- ❖ Optimized for the aesthetic applications for items such as knife handles, gun grips, inlays, and other cosmetic uses
- ❖ Offered in dozens of colors and surface finishes

### Physical Properties

Rockwell Hardness	105 (M Scale)
Moisture Absorption % weight gain after 24 hours in water	0.08 (%)
Flexural Strength	67,000 (psi)
Tensile Strength	54,000 (psi)
Compressive Strength	75,000 (psi)

## KHS500

## TECHNICAL DATA SHEET

### Available Colors

- Black
- Blue
- Cherry Red
- Coyote Brown
- Dark Gray
- Digital Camo
- Earth Brown
- Forest Green
- Green
- Gray
- Ivory
- Natural
- Neon Green
- Olive Green
- Orange
- Pink
- Purple
- Red
- Tan
- Yellow
- White

Notes: \*Custom colors available upon request  
\*\*Actual colors will vary from what is displayed on a computer screen or in print. Colors will also vary lot to lot and naturally age with time.  
\*\*\*For a current listing of available colors please visit [www.ultrexcomposites.com](http://www.ultrexcomposites.com)

### Authorized Resellers

Norplex-Micarta supplies UlteX™ materials through a network of Authorized Resellers. These companies' stock material, provide cut to size services, kitting with other supplies and other services. We encourage you to contact one of these partners directly for your needs.

Please visit: [www.ultrexcomposites.com/how-to-buy/](http://www.ultrexcomposites.com/how-to-buy/)

### UlteX™ Available Grades

KHS300C – Canvas Micarta® Solid Color Composite  
KHS300L – Linen Micarta® Solid Color Composite  
KHS500 – Fiberglass Solid Color Composite  
KHS600 – Paper Micarta® Solid Color Composite  
KHS900C – Canvas Micarta® Multi-Color Composite

KHS900L – Linen Micarta® Multi-Color Composite  
KHS900G – Fiberglass Multi-Color Composite  
KHS300H – Heavy Canvas Micarta® Solid Color Composite

This data, while believed to be accurate and based on reliable analytical methods, is for informational purposes only. The terms and conditions of the agreement under which it is sold will govern any sales of this product. Data supplied above are "typical values"; not to be considered "specification values".

To assure the material's performance is adequate for a specific application; customers should verify, independent of Norplex-Micarta, performance characteristics of interest.

It is the responsibility of the users of this information to make sure that they have the latest version of this TDB, and are urged to check with Customer Service or, preferably our web site, [www.ultrexcomposites.com](http://www.ultrexcomposites.com), to determine if information is most current available.

Manufactured in the United States