

TECHNICAL DATA
Arborite® Cabinet Liner Laminate
Type: CG30

1. Manufacturing facility location

80 L a White Dr
Fletcher, NC
28732, USA

2. Product Description

Recommended Uses

Arborite® Cabinet Liner sheets are designed for use in a three (3) ply fabrication on the backside of substrates faced with Arborite® High Pressure Decorative Laminates. Types of fabricated pieces using these products include contract and residential furniture, wall panels, countertops, and cabinetry. Arborite Cabinet Liner sheets are designed to provide attractive lining and facing surfacing for cabinetry interiors such as shelves, drawers and cabinet doors and walls. They are solely intended for application to the unexposed backs of pieces faced with High Pressure Decorative Laminate and not for use as a structural material or to be mechanically fastened. They provide the fabricated piece with balance and protection from the effects of humidity in their normal use.

Product Composition

Arborite® Cabinet Liner sheets are composed of kraft paper core sheets impregnated with phenolic resin. These sheets are then bonded at pressures greater than 1000 lbs. per square inch at temperatures approaching 300° F (149° C). Finished sheets are trimmed and the back sanded to facilitate bonding.

Basic Limitations

Arborite® Cabinet Liner sheets are designed for interior use only and should not be subjected to extremes in humidity or temperatures higher than 275°F (135°C) for substantial periods of time. They should not be installed where they will be continuously exposed to intense, direct sunlight.

Materials and Finishes

Because Arborite® Cabinet Liner sheets are produced primarily for application to unexposed surfaces, the Cabinet Liner sheets has one side in a decorative solid color and the other side is sanded to facilitate bonding.

Thickness and Measurements

Product Type	Sanded Sides	Thickness	Widths	Lengths	Weight per Sq/Ft
CG30	One	0.024" + 0.005 / – 0.002 (0.60mm + 0.12 / – 0.005)	48" (1219mm)	96" (2438 mm)	0.181#

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3. Technical Data**General Standards**

Arborite® Cabinet Liner sheets Type CG30 conform to the relevant standards of the American National Standards Institute, for thickness, performance properties and appearance.

The UL GREENGUARD Environmental Institute™ has awarded its UL GREENGUARD® Indoor Air Quality Certification to Arborite Cabinet Liner Sheets Laminates. All Arborite Cabinet Liner Sheets Laminate product types were tested under the stringent UL GREENGUARD Standards for low-emitting products. All UL GREENGUARD Indoor Air Quality Certified products ensure minimal impact on the indoor environment. For a copy of the certificate, visit www.greenguard.org.

Fabrication and Assembly

Fabrication should follow approved methods. Assembled pieces should meet the specifications of KCMA (Kitchen Cabinetmakers Manufacturers Association), ANSI A-162.2-1998 (revised), and “Architectural Woodwork Quality Standards, Guide Specifications and Quality Certification Program” guidelines of the Architectural Woodwork Institute where applicable.

Arborite® Cabinet Liner sheets must be bonded to a suitable substrate of reliable quality, such as 45 lb. density particleboard, medium density fiberboard or plywood with one “A” face. All decorative laminate, plaster, concrete and gypsum board should not be considered suitable substrates. Arborite® Cabinet Liner sheets may not be used as structural members.

Arborite® Cabinet Liner sheets may be bonded with most adhesives. Recommended adhesives are permanent types, such as urea and polyvinyl acetate (PVA), and contact types. Wilsonart adhesives are recommended for most bonding applications. Please follow all manufacturers’ recommended instructions and technical data information.

Take care to ensure an appropriate acclimatization between the laminate, the substrate and the cabinet liner sheets prior to fabrication. The materials should be acclimated/conditioned a minimum of 48 hours before fabrication.

The recommended conditioning/acclimation temperature for the materials is approximately 75°F (24°C), with 45-55% relative humidity.

Carbide-tipped saw blades and router bits are recommended for cutting. High tool speed and low feed rates are advisable. Cutting blades and bits should always be kept sharp. The use of a hold-down bar is recommended to prevent vibration.

4. Warranty**5. Maintenance****6. Technical Services**

For samples, literature, questions or technical assistance, please email us at info@arborite.com or contact our toll-free number, 1-800-996-0366 Monday through Friday, 8:30 am – 5:00 pm, EST.