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ULTRA BOARD™

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ULTRA **BOARD**[™]

Welcome to UltraBoard[™]

UltraBoard, manufactured by United Industries, is a premium line of foam core board products widely used by the digital imaging, photographic and graphic arts industries. Our foam core sheet products are available in a wide array of sizes and thicknesses, and consist of materials including styrene, PVC, premium papers, and aluminum. Learn more about our complete line of foam core boards and aluminum products by visiting us on the web at www.UltraBoard.com.



Scan & Learn

Scan QR Codes located throughout this guide using your mobile device's camera to view additional product information.



Our History

UltraBoard is manufactured in the USA by United Industries. In 1980 United Industries was founded by Don Fern with the dream of owning his own business. Using all of his and his wife's savings they purchased 8 acres of land in the little town of Bentonville, Arkansas, and constructed a 5,000 square foot production facility. Today, United Industries has grown into a 110,000 square foot foam extrusion production and manufacturing facility and still remains a family owned and operated corporation.

Our mission is to provide products of consistent and superior quality, at price levels that are fair and competitive. We strive to exceed the expectations of our customers and ourselves, and believe that these values truly contribute to our future success; and the success of our customers.



Our Materials

Expanded PVC Foam

Expanded PVC (expanded polyvinyl chloride), is a rigid, lightweight and durable foam board substrate that is ideal for signage applications. It can be fabricated using most ordinary tools and provides excellent moisture resistance.

High Impact Polystyrene (HIPS)

Cost effective and ideal for light strength structural applications requiring impact resistance. UltraBoard polystyrene is litho grade quality and ideal for printing.

Clay Coated Paper

Clay coated papers provide a smooth and clean surface ideal for ink adhesion. One of the most cost effective and widely used paper coating on the market.

Ultra White 18pt. Polymer Coated Kraft Paper

Polymer coated paper is produced by laminating Kraft Paper with polymer laminating film. Polymer coatings provide additional moisture protection to prevent warping and insures a smooth surface for printing.

Pressure Sensitive Adhesive Coatings

UltraBoard Peel N' Stick products feature advanced pressure sensitive adhesives that activate and bond when pressure is applied to bond paper or films to the substrate. Our pressure sensitive adhesives do not require any form of water, heat or solutions to activate; making them easy to use in almost any environment.

Anodized Aluminum

Anodizing aluminum is achieved via an electrochemical process that changes the aluminum surface into a durable and corrosion-resistant, anodic oxide finish (a form of controlled oxidation). Anodization is not applied at surface level, but is integrated with the aluminum substrate so that it's surface does not chip or peel like other coatings.

Dimensional Material Tolerances:

+ – 1/16" Length/Width

Diagonal Squareness: [1/8"]

Straightness [1/16"] Linear Adjacent Corner

+ – 0.030" Thickness



Product Guide

Board Thickness

UltraBoard foam core boards are available in multiple standard thicknesses. Specific products are available in custom thicknesses. Board thicknesses are measured from top facer to bottom facer. Almost all UltraBoard products are available from 3/16" to 3" in thickness without a visible seam in the foam.

Board Size

UltraBoard products are available in multiple standard sizes up to a 60" x 120" board. Please note that standard sizes vary per product line.

Color

Primarily UltraBoard products are available in black and white configurations. Color combinations signify the facer, foam and backer configurations. Single colors signify the facer, foam and backer are all the same color. For instance, a combination of White, Black, Black, indicates the facer is white, the foam core is black, and the backer is black. A single color of White indicates that the facer, foam core, and backer are all white if applicable.

Cutting

Cutting methods such as Saw, Die Cut, Hand, Vibe Knife, Guillotine and Router indicate tested methods for cutting the specific product that have produced acceptable results. Due to the nature of cutting tools, die making, and the infinite number of variables that are applicable within production environments, we always recommend performing material tests for your specific cut application before committing to large purchases or production runs.

Compatibility

Compatibility indicates tested types of printing applications that have proven acceptable results for the product. Please note that due to the nature of infinite printing applications, ink sets and production environments, we always recommend conducting material tests for your specific application on a sample before committing to a purchase or production run.

Durability

Durability indicates the installation life expectancy of a product before it begins to deteriorate and experience non-optimal results in rigidity and presentation.



Sustainability

United Industries is truly committed to sustainability practices and producing products that contain recycled materials. Extensive measures have been taken at UltraBoard production facilities to assure that sustainable processes are applied in order to reduce and recycle virtually all waste materials. Essentially all UltraBoard foam core products contain 33% recycled materials.

How Do We Recycle Foam Core?

Reclaiming excess waste expelled during bulk foam core processing insures that virtually no foam is lost. Excess waste is converted to raw form and reintroduced into future foam extrusion processes.

When transitioning between white and black foam cores during our extrusion process, the transition foam color is not usable. The off-color transition foam is reincorporated into products with foam cores that are not exposed display-side.

Our UltraBoard Classic Recycling Program

UltraBoard Classic is 100% recyclable. The material composition is thermoplastic, meaning that it can be melted down and reincorporated into newly extruded polystyrene products. UltraBoard Classic foam is 100% recoverable via a process of grinding up the foam, redensifying, and repelletizing it for reuse in a wide array of general purpose styrene applications.



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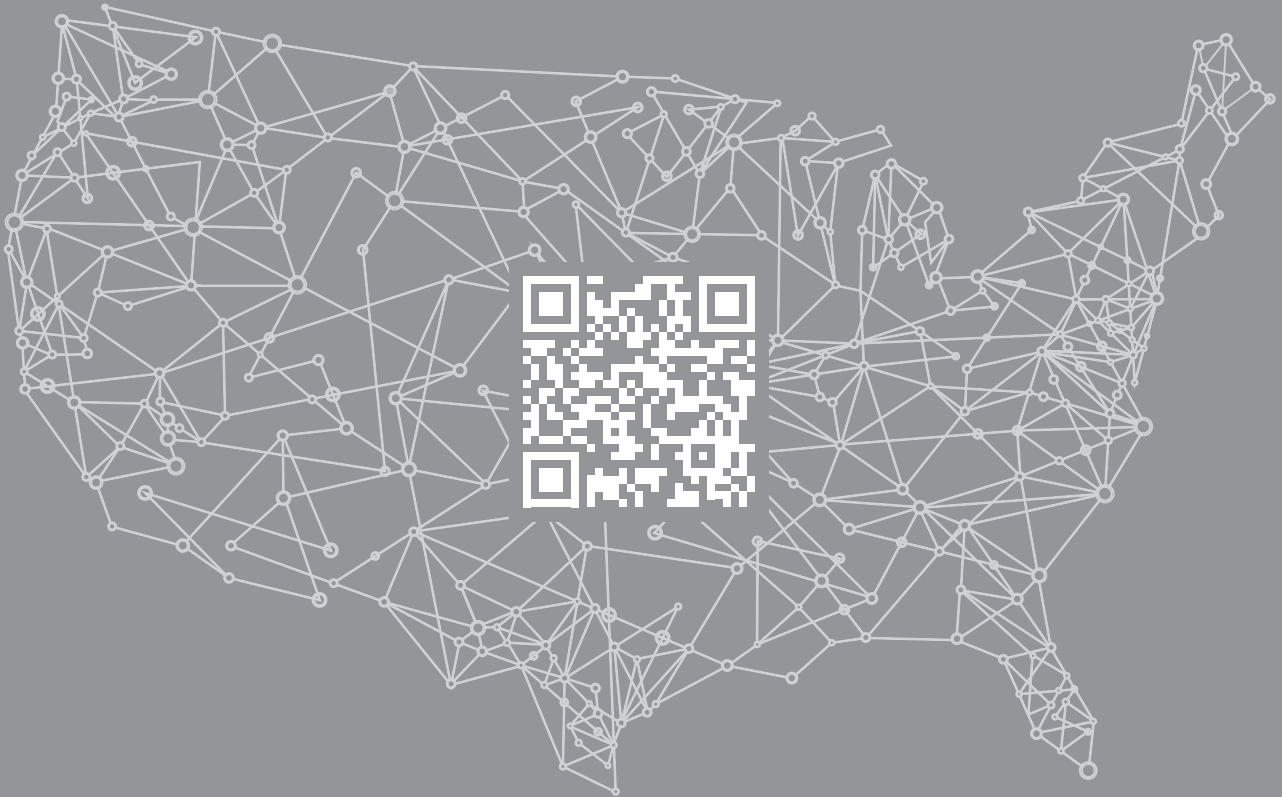
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FRESH PRODUCE



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ULTRABOARD™ CLASSIC

UltraBoard Classic foam core boards are our most popular and versatile substrates. UltraBoard Classic consists of a polystyrene foam core board between two rigid sheets of polystyrene.



Thickness	Size	Color	Cutting	Compatibility	Durability	Price
3/16"	48" x 96"	White	Blade	Paint	10 Years	\$\$\$
1/2"	50" x 100"	Black	Die Cut	Screen		
3/4"	60" x 96"	White, Black, Black	Drag Knife	UV		
1"	60" x 120"	White, Black, White	Hand	Latex		
1-1/2"	Custom Sizes	Custom Colors	Guillotine			
2"			Oscillating			
3"			Router			
			Saw			
			Vibe Knife			



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LITE

Aggressively priced to beat the competition, UltraBoard Lite is one of the most cost-effective foam core substrates available. Ideal for intermediate-term installation applications where cost effectiveness is priority; yet retains excellent compatibility and results with multiple print & cut application methods.



Thickness	Size	Color	Cutting	Compatibility	Durability	Price
3/16"	48" x 96"	White	Blade Die Cut Drag Knife Hand Guillotine Oscillating Router Saw Vibe Knife	Paint Screen UV Latex	5 Years	\$\$



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PLUS

The most rigid foam core panel available, UltraBoard Plus is moisture resistant, lightweight, warp resistant, and durable. An excellent alternative to cheaper, conventional materials like plywood. Advanced adhesives adhere foam core to facers, insuring a durable and permanent bond.



Thickness	Size	Color	Cutting	Compatibility	Durability	Price
1/4"	48" x 96"	White	Saw Router	Paint	10 Years	\$\$\$\$
1/2"		Black		Screen		
3/4"		White, Black, Black		UV		
1"		White, Black, White		Latex		
1-1/2"						
2"						
3"						



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WHITE DP

A lightweight structural panel of rigid polystyrene foam core faced on both sides by ultra white poly coated Kraft paper. Advanced adhesives bond core to facers forming permanent adhesion that insures durability. Polymer coated Kraft paper facers have been specially developed to provide an excellent surface for painting, silk screening, photo mounting and vinyl application.



Thickness	Size	Color	Cutting	Compatibility	Durability	Price
3/16"	48" x 96"	White	Die Cut	Eco Solvent	7 Years	\$\$
1/2"	60" x 120"	White, Black, White	Drag Knife	Screen		
3/4"	Custom Sizes		Hand	Solvent		
1"			Oscillating Blade	UV		
			Saw	Latex		
			Vibe Knife			



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CORE

3/16" thick extruded polystyrene foam core board that is laminated on both sides with 12 point white clay coated papers. Ideal for a wide variety of short-term graphic arts applications including point-of-purchase displays, exhibits, temporary signs, models, presentation boards, photo mounting and picture framing.



Thickness	Size	Color	Cutting	Compatibility	Durability	Price
3/16"	48" x 96"	White Black	Die Cut Guillotine Hand Knife Oscillating Blade Saw Vibe Knife	Eco Solvent Paint Screen Solvent UV	3 Months	\$



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MOUNT

Engineered specifically for mounting applications, UltraBoard Mount is the show-stopper of foam mounting boards. It performs with all the surface quality and rigidity of higher priced foam boards, and is available in plain and adhesive surfaces.



Thickness	Size	Color	Cutting	Durability	Price
3/16"	48" x 96"	White Black	Die Cut	7 Years	\$\$
1/2"			Drag Knife		
3/4"			Hand		
1"			Oscillating Blade Saw Vibe Knife		



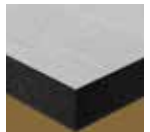


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ALUMINUM

A brilliant alternative to metals. Elegant metal signs and letters can cost you and your client a bundle. Now there is a lightweight, cost effective and easily crafted alternative. UltraBoard Aluminum delivers the same impact and appeal as metal, but in a durable, versatile foam core product.



Thickness	Size	Color	Cutting	Durability	Price
3/16"	48" x 96"	Brushed Gold	Router Saw	10 Years	\$\$\$\$
1/2"		Polished Gold			
3/4"		Brushed Silver			
1"		Polished Silver			
1-1/2"					
2"					



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EDGE BAND

Deliver added depth to all of your mounting applications with this Peel N' Stick mounting board with durable edge banded finish. Featuring high-tack acrylic adhesive pre-coating on one side, these boards are available in 10 pre-cut sizes. Undercut by 1/8" to facilitate final trimming for perfect edge-to-edge facing mounted prints. Four pre-drilled holes are located in the back of the board to provide for easy installation or hanging.



Thickness	Size		Color	Durability	Price
3/4"	8" X 8"	16" X 24"	Black Band	10 Years	\$\$\$\$
1-1/2"	8" X 10"	20" X 20"	White Band		
Custom Sizes	8" X 12"	20" X 24"			
	10" X 10"	24" X 36"			
	11" X 14"	30" X 40"			
	16" X 20"	Custom Sizes			



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CLASSIC PEEL N' STICK

A premium pressure sensitive foam core mounting board designed for commercial photography development lab mounting applications. Featuring a high-density foam core with very smooth .030" thick styrene liners, making it one of the most smooth and rigid mounting boards on the market. Peel N' Stick high tack adhesive on one side with a white liner that provides a color neutral mounting surface.



Thickness	Size		Color	Compatibility	Durability	Price
3/16"	8" x 10"	24" x 30"	Black White	Pressure Sensitive Mounting	10 Years	\$\$\$
1/2"	10" x 10"	24" x 36"				
Custom Sizes	12" x 12"	30" x 40"				
	11" x 14"	32" x 40"				
	12" x 18"	40" x 60"				
	16" x 20"	48" x 96"				
	20" x 24"	Custom Sizes				
	20" x 30"					





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MOUNT PEEL N' STICK

A premium pressure-sensitive mounting substrate designed for framed art and photographic applications. Features a heavy and dense polystyrene foam core capped with 18 pt. polyethylene coated paper liners that prevent warping. Acrylic adhesive pre-coating on one side.



Thickness	Size		Color	Cutting	Compatibility	Durability	Price
3/16"	8" X 8"	16" X 24"	Black	Die Cut	Pressure Sensitive Mounting	7 Years	\$\$
Custom Sizes	8" X 10"	20" X 20"	White	Guillotine			
	8" X 12"	20" X 24"		Hand			
	10" X 10"	24" X 36"		Saw			
	11" X 14"	30" X 40"					
	16" X 20"	48" x 96"					
	Custom Sizes						



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CORE PEEL N' STICK

UltraBoard Core Peel N' Stick is a foam core board made up of a polystyrene core faced on both sides by smooth clay coated paper. UltraBoard Core Peel N' Stick features a high tack adhesive on one side with a white liner that provides a color neutral mounting surface.



Thickness	Size	Color	Cutting	Compatibility	Durability	Price
3/16"	8" x 10"	30" x 40"	Die Cut Hand Saw	Pressure Sensitive Mounting	3 Months	\$
Custom Sizes	11" x 14"	32" x 40"				
	16" x 20"	40" x 60"				
	20" x 24"	48" x 96"				
	24" x 30"	Custom				
	24" x 36"	Sizes				



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