Which Product Is Right For Your Project?

FOME-COR° DISPA° SINTRA° GATOR° LUMEX° DIBOND°

PPODLICT CATECORY	SHEET CONSTRUCTION	WHY CHOOSE THIS MATERIAL	APPLICATIONS	FABRICATION	FORMING	FLAMMABILITY	OUTDOOR USAGE	GAUGES & COLORS	SHEET SIZES
FOME-COR® FOUNDATION Paper-faced Foam Board	Extruded polystyrene foam with high-quality uncoated, acid-free paper facers	 Provides a flat, smooth surface for superior mounting & framing with no read-through lines Facers ensure a flat & rigid backer material used for framing applications Perfect for archival preservation of valuable art & photographs Cost-effective alternative to corrugated cardboard for non-printing applications Antique white facers meet Library of Congress standards for conservation framing 	• Framing • Framing - Archival • POP Displays • Exhibits & Kiosks • Signage - Interior	Mounting ² Knife Cutting Die Cutting / Punching Embossing	Relief cuts or scores required for forming	Combustible	Not Recommended	 1/8" Antique white uncoated facers - white foam 1/8" White uncoated facers - white foam 3/16" Antique white uncoated facers - white foam 3/16" White uncoated facers - white foam 3/16" Black uncoated facers - black foam 3/16" Natural uncoated facers - white foam 3/16" Natural uncoated facers - black foam 1/2" White or black uncoated facers - white or black foam 	• 32"x40", 40"x60", 48"x96" • 32"x40", 40"x60", 48"x96" • 32"x40", 40"x60", 48"x96" • 24"x36", 32"x40", 40"x60", 48"x96" • 20"x30", 24"x36", 32"x40", 40"x60", 48"x96" • 48"x96" • 48"x96" • 20"x30", 30"x40", 40"x60", 48"x96" *Custom sizes available
FOME-COR® Paper-faced Foam Board	Extruded polystyrene foam with premium , bright white double clay-coated or black uncoated paper facers	 Original graphic arts foam board Provides excellent results for screen or direct digital printing applications Perfect for die cutting with a compressed, pillowing edge that stays closed Cuts easily and cleanly, even by hand Uniquely embossable Extremely light weight Broad selection of specialty products Quick service on custom size orders up to 8' x 10' 	 Signage - Interior POP Displays Exhibits & Kiosks Framing 	 Mounting Digital Printing Screen Printing Painting¹ Knife Cutting Die Cutting / Punching Embossing 	Relief cuts or scores required for forming	Combustible	Not Recommended	 1/8" Bright white coated facers - white foam 3/16" Bright white coated facers - white foam 3/16" Bright white coated facers - black foam (W-B-W) 3/16" Bright white coated & black uncoated facers - varied foam (W-V-B) 3/16" Black uncoated facers - black foam 3/8" Bright white coated facers - white foam 3/8" Black uncoated facers - black foam 1/2" Bright white coated facers - white foam 1/2" Bright white coated facers - black foam 1/2" Bright white coated and black uncoated facers - black foam 1/2" Bright white coated and black uncoated facers - black foam (W-B-B) 	 32"x40", 40"x60", 48"x96" 20"x30", 24"x36", 30"x40", 30"x42", 32"x40", 40"x60", 48"x72", 48"x96", 48"x120", 50"x100", 60"x96", 60"x120" 48"x96" *Custom sizes available 48"x96" *Custom sizes available 48"x96" *Custom sizes available 40"x60", 48"x96" *Custom sizes available *Custom sizes available 48"x96", 48"x120", 60"x96", 60"x120" *Custom sizes available 48"x96", 48"x120" 48"x96", 48"x120" 48"x96" *Custom sizes available
NEW! FOME-COR® SIRIUS Paper-faced Foam Board	Extruded polystyrene foam with premium, white paper facers with ColorPRO Technology	 Designed to optimize digital printing performance using specialized papers with ColorPRO Technology Outperforms uncoated boards for color saturation & coverage, & outperforms offset coated boards for print artifacts like banding Achieves higher black optical density & wider color gamut over uncoated papers Delivers sharp details, lines, & text for clear, eye-catching graphics Specialized facers optimize ink consumption, enabling fast printing & short dry times 	Signage - InteriorPOP DisplaysExhibits & KiosksFraming	 Digital Printing Knife Cutting Die Cutting / Punching Embossing 	Relief cuts or scores required for forming	Combustible	Not Recommended	• 3/16" & 3/8" White inkjet treated, uncoated facers with ColorPRO Technology - white foam	• B1 size (27.6"x39.4" / 700mm x 1000mm)
FOME-COR® CANVAS Paper-faced Foam Board	Extruded polystyrene foam with embossed "canvas-like" clay-coated paper facers on both sides	 Deep embossed texture creates a more artistic look Prints & cuts with the same quality as standard FOME-COR Excellent delivery time on custom size orders up to 8' x 10' Economical alternative to competitive canvas-like materials 	Signage - InteriorPOP DisplaysExhibits & KiosksFraming	 Digital Printing Screen Printing Painting¹ Knife Cutting Die Cutting / Punching Embossing 	Relief cuts or scores required for forming	Combustible	Not Recommended	• 3/16" White coated facers - white foam	• 48"x96" *Custom sizes available
FOME-COR with ENCORE® Technology Paper-faced Foam Board	Recovery polystyrene foam with premium double clay-coated paper facers	 Specially formulated <u>recovery</u> foam is more resistant to denting Edges remain open when die cut / punched Bright white, coated paper facers provide excellent printing results 	Signage - InteriorPOP DisplaysExhibits & KiosksFraming	 Mounting Digital Printing Screen Printing Painting¹ Knife Cutting Die Cutting / Punching 	Relief cuts or scores required for forming	Combustible	Not Recommended	 3/16" Bright white coated facers - white memory foam 3/16" Black uncoated facers - black memory foam 3/16" Combination of facers & foam (W-B-W; W-B-B; W-W-B; W-V-B) 	• 20"x30", 24"x36", 30"x40", 30"x42", 32"x40", 38.125"x86.25", 40"x60", 48"x72", 48"x96", 48"x120", 50"x100", 60"x96", 60"x120" • 20"x30", 24"x36", 32"x40", 40"x60", 48"x96", 48"x120" • 48"x96" *Custom sizes available
FOME-COR® QUIKSTIK Paper-faced Foam Board	Extruded polystyrene foam with clay-coated paper facers, one side covered with pressure sensitive adhesive	Eliminates the use of pressure-sensitive adhesive stock Release facer peels back to reveal adhesive for fast and easy mounting Available in repositionable Low-Tack (LT) or pressure-activated bonding High-Tack (HT) HT identified by red release liner and LT identified by blue release liner	POP DisplaysExhibits & KiosksSignage - InteriorFraming	Mounting Knife Cutting Die Cutting / Punching Embossing	Relief cuts or scores required for forming	Combustible	Not Recommended	 3/16" HT: White coated facers - white foam 3/16" HT: Black facers - black foam 3/16" LT: White coated facers - white foam 3/16" LT: Black facers - black foam 	• 20"x30", 24"x36", 32"x40", 40"x60", 48"x72", 48"x96" • 24"x36", 32"x40" • 24"x36", 32"x40", 40"x60", 48"x96" • 24"x36", 32"x40"
FOME-COR® SINGLESTEP® Paper-faced Foam Board	Extruded polystyrene foam with clay-coated paper facers, one side covered with heat-activated adhesive	 Eliminates the use of hot melt tissue stock Adhesive is activated with low temperature settings for a quick, damage-free mount Can be used on a heated mechanical or vacuum dry mount press, or with a heated roller laminator 	POP DisplaysExhibits & KiosksSignage - InteriorFraming	MountingKnife CuttingDie Cutting / PunchingEmbossing	Relief cuts or scores required for forming	Combustible	Not Recommended	• 3/16" White coated facers - white foam	• 24"x36", 32"x40", 40"x60", 48"x96" *Custom sizes available
FOME-COR® JETMOUNT Paper-faced Foam Board	Denser extruded polystyrene foam with double clay-coated paper facers	 Enhanced foam core provides increased rigidity and warp resistance Great for more demanding mounting jobs such as free-standing displays, signage and framing Prints & cuts with the same quality as standard FOME-COR 	POP DisplaysExhibits & KiosksSignage - InteriorFraming	 Mounting Digital Printing Screen Printing Painting¹ Knife Cutting Die Cutting / Punching 	Relief cuts or scores required for forming	Combustible	Not Recommended	 1/4" Bright white coated facers - white foam 1/4" Black uncoated facers - black foam 	• 48"x96", 50"x100", 60"x96" • 48"x96", 50"x100", 60"x96"
DISPA® Paper Composite Board	100% paper board with a unique core structure of embossed, formed paper & smooth white paper facers	 Bright white, smooth paper surfaces are ideal for digital & screen printing Extremely lightweight for easy handling and installation Efficient and easy processing capabilities No unattractive or distracting extrusion lines that can be seen with corrugated or fluted Made of 100% FSC®-Certified paper (FSC®-C169891) 100% recyclable! 	 POP Displays Exhibits & Kiosks Framing Signage - Interior Hanging Signs 	 Mounting Digital Printing Screen Printing Painting Knife Cutting Routing Die Cutting / Punching Crease Wheel 	Relief cuts or scores required for forming	Combustible	Not Recommended	• 3.8mm (0.15") Bright white coated facers - white core	• 49.2" x 90"
NEW! DISPA® SIRIUS Paper Composite Board	100% paper board with a unique core structure of embossed, formed paper & premium white paper facers with ColorPRO Technology	 Designed to optimize digital printing performance using specialized papers with ColorPRO Technology Paper facers absorb less ink than standard uncoated paper, resulting in highly saturated colors & optimized ink consumption Achieves higher black optical density & wider color gamut over uncoated paper Delivers sharp details, lines, & text for clear, eye-catching graphics Efficient and easy processing capabilities Made of 100% FSC®-Certified paper (FSC®-C169891) 100% recyclable! 	POP DisplaysExhibits & KiosksSignage - InteriorHanging Signs	 Digital Printing Knife Cutting Routing Die Cutting / Punching Crease Wheel 	Relief cuts or scores required for forming	Combustible	Not Recommended	• 3.3mm (0.13") White inkjet coated facers with ColorPRO Technology - white core	• B1 size (27.6"x39.4" / 700mm x 1000mm)

¹⁾ Do not expose core to solvent-based paints2) Archival conservation mounting

³⁾ Cold mounting techniques only4) May be knife cut up to 3mm

⁵⁾ May be killed cut in gauges up to 5mm or 3/16"

⁶⁾ Punch press die set is required, not a steel rule die

⁷⁾ Face priming will provide better results

⁸⁾ Applications such as workzone signage, canopies, pylons and column covers

General Note: Trialing is recommended to ensure suitability for the proposed application and fabrication before full-scale commercialization. All product information provided in this document is accurate at time of print and subject to change. Please refer to the website for the most up-to-date information. *Custom sizes available; minimums apply. Please contact your sales representative or customer service for more information.

Which Product Is Right For Your Project?

FOME-COR® DISPA® SINTRA® GATOR® LUMEX® DIBOND®

PRODUCT CATEGORY	SHEET CONSTRUCTION	WHY CHOOSE THIS MATERIAL	APPLICATIONS	FABRICATION	FORMING	FLAMMARILITY	OUTDOOR USAGE	GAUGES & COLORS	SHEET SIZES
NEW! DISPA® OUTDOOR Paper Composite Board	100% paper board with a unique core structure of embossed, formed paper & smooth white paper facers suitable for exterior applications	Suitable for short-term outdoor applications & signage Smooth, white paper surfaces are ideal for digital & screen printing Extremely lightweight for easy handling and installation Efficient and easy processing capabilities No unattractive or distracting extrusion lines that can be seen with corrugated or fluted materials Made of 100% FSC®-Certified paper (FSC®-C169891) 100% recyclable!	Signage - Exterior (short term) Promotional Displays Exhibits & Kiosks	 Mounting Digital/Screen Printing Painting Knife Cutting Routing Die Cutting / Punching Crease Wheel 	Relief cuts or scores required for forming		Suitable for short-	• 2.2mm (0.09") Bright white facers - white core	• 49.2" x 90"
NEW! SINTRA® CONSTRUCT Expanded PVC	Moderately expanded PVC specially created for mechanical assembly & fabrication applications	Very good impact strength and scratch resistance Easily machined and fabricated Provides needed staple and screw retention Highly resistant to moisture absorption No rotting or de-lamination Lightweight yet extremely rigid & durable Heat formable and chemical resistant	 Retail Fixtures Shelving & Storage Components Structural Signage⁸ Framing Exhibits & Kiosks Reptile Tanks & Enclosures! 	Mounting ³ Repositioning Vinyl Painting Saw Cutting Routing Forming Curves	 Thermoplastic; heat required for all forming Drape forming Vacuum forming Free forming Line bending 	Not Tested	Suitable for outdoor usage	6mm White & black 10mm White & black 12.7mm White & black	• 48"x96" • 48"x96" • 48"x96"
SINTRA® VERS Expanded PVC	Lighter weight, moderately expanded PVC in a homogeneous sheet with a low-gloss satin finish	The market standard for expanded PVC Versatile general purpose PVC board for a variety of display applications Very good digital and screen printing results Can be digitally printed on both sides Excellent dent and scratch resistance Lighter weight for easy handling and installation Ideal for quick-turn, high volume projects	POP Displays Exhibits & Kiosks Framing Framing - Archival Signage - Interior & Exterior	 Mounting³ Repositioning Vinyl Digital/Screen Printing Painting Knife Cutting⁴ Saw Cutting Routing Die Cutting/Punching⁵ Forming Curves 	Thermoplastic; heat required for all forming Drape forming Vacuum forming Free forming Line bending	$1(\Delta \times 1)(A = \times \Delta)$	Suitable for outdoor usage	3mm, 6mm Bright white 3mm, 6mm Black 4mm, 5mm Bright white 3mm, 6mm Bright white (single-sided masking) 3mm, 6mm Black (single-sided masking)	• 48"x96", 48"x120", 50"x100", 60"x96", 60"x120" • 48"x96", 60"x120" • 48"x96" • 48"x96" • 60"x120"
SINTRA® Expanded PVC	Moderately expanded PVC in a homogeneous sheet with a premium , lowgloss satin finish	The brightest, whitest & most consistent PVC board on the market Premium bright white surface provides outstanding printing results Lightweight yet rigid and durable Easily machined and fabricated Can be formed into almost any shape imaginable using wood and foam board fabrication techniques Heat formable and chemical resistant Superior dent and scratch resistance	 POP Displays Exhibits & Kiosks Framing Framing - Archival Signage - Interior & Exterior 	 Mounting³ Repositioning Vinyl Digital/Screen Printing Painting Knife Cutting⁴ Saw Cutting Routing Die Cutting/Punching⁵ Forming Curves 	Thermoplastic; heat required for all forming Drape forming Vacuum forming Free forming Line bending	(ASTM E-84) 3mm and less • Self- extinguishing • UL Recognized	6mm gauge or thicker should be used for stand alone outdoor applications Colors which can be used outside include Bright White, Black, Gray and Light Gray	1mm Bright white 2mm Bright white 2mm Black 3mm Bright white 6mm Bright white 3mm, 6mm Black 3mm, 6mm Colors** 10mm Bright white & black 12.7mm Bright white & black **Gray, Light Gray, Dark Red, Bright Yellow, Dark Green, Dark Blue; *Custom colors available	48"x96" 48"x96", 60"x120" 48"x96" 1Mx96", 48"x96", 48"x120", 50"x100", 60"x96", 60"x120", 2Mx120" 48"x96", 48"x120", 50"x100", 60"x120", 2Mx120" 48"x96", 48"x120", 60"x120" 48"x96" 48"x96" 48"x96"
SINTRA® ECLIPSE Expanded PVC	Moderately expanded black SINTRA in a homogeneous sheet with a print-optimized bright white, solid PVC facer	Provides enhanced printing capabilities to black SINTRA - no flood-coating or laminating needed before printing Lightweight yet rigid and durable Easily machined and fabricated Heat formable and chemical resistant Superior dent and scratch resistance	 POP Displays Exhibits & Kiosks Framing Framing - Archival Signage - Interior & Exterior 	Mountings Repositioning Vinyl Digital/Screen Printing Painting Knife Cutting4 Saw Cutting Routing Die Cutting/Punching5 Forming Curves	V-cut & fold using solid, flexible facer Drape forming Vacuum forming Free forming Line bending	Not Tested	Suitable for outdoor usage	3mm, 6mm, & 12.7mm Bright white facer over black SINTRA	• 48"x96"
GATORPLAST® High Performance Foam Board	Extruded polystyrene foam bonded between two layers of high-impact polystyrene cap sheets	Bright white plastic facers produce excellent digital printing results High impact polystyrene facers resist warping Lightweight and moisture-resistant Smooth, plastic surfaces are ideal for applying vinyl graphics Routs & cuts cleanly for easy fabrication	POP Displays Exhibits & Kiosks Signage - Interior	 Mounting Repositioning Vinyl Digital/Screen Printing Painting¹ Knife Cutting Saw Cutting Routing Die Cutting/Punching⁵ 	Cannot form	Combustible	Not Recommended	3/16", 1/2", 3/4", 1", 1-1/2", 2" in: • White facers - white foam • White facers - black foam • Black facers - black foam • White facers - black foam • White facers - white foam	• 48"x96", 60"x120" • 48"x96", 60"x120" • 48"x96", 60"x120" • 48"x96", 60"x120" • 48"x96"
GATORFOAM® High Performance Foam Board	Extruded polystyrene foam bonded between two layers of wood-fiber veneer facers	 The original, high-performance graphic arts foam board Unparalleled rigidity & dimensional stability Excellent reputation for mounting applications Suitable for digital and screen printing Dent and scratch resistant Routs & cuts cleanly for easy fabrication Available in a wide range of sheet sizes and thicknesses 	POP DisplaysExhibits & KiosksFramingSignage - Interior	 Mounting Digital Printing Screen Printing⁷ Painting¹ Saw Cutting Routing 	Cannot form	Combustible	Not Recommended	3/16", 3/8", 1/2", 3/4", 1", 1-1/2", 2" in: Bright white facers - white foam Bright white facers - black foam Bright white & black facers - black foam Black facers - black foam Natural facers - white foam 3"in: Bright white facers/white foam; Black facers/black foam	• 48"x96", 50"x100", 60"x96", 60"x120" • 48"x96", 60"x120" • 48"x96", 60"x120" • 48"x96", 60"x120" • 48"x96", 60"x120" • 48"x96"
GATORFOAM® PRO High Performance Foam Board	Extruded polystyrene foam bonded between two layers of wood-fiber veneer, one side w/ print-optimized surface treatment	 Enhanced printability, ink adhesion, and static resistance Easy fabrication - routs and cuts cleanly Bright white facer for vibrant printing results Excellent dent and scratch resistance 	POP DisplaysExhibits & KiosksFramingSignage - Interior	 Mounting Digital Printing Screen Printing⁷ Painting¹ Saw Cutting Routing 	Cannot form	Combustible	Not Recommended	3/16" and 1/2" in: Bright white facers - white foam Bright white facers - black foam Bright white & black facers - white foam Bright white & black facers - black foam	• 48"x96" • 48"x96" • 48"x96" • 48"x96"
NEW! GATORFOAM® SELF-ADHESIVE High Performance Foam Board	Extruded polystyrene foam bonded between two layers of wood-fiber veneers, one side with pressure-activated, adhesive	Eliminates the need for pressure-sensitive adhesive stock Easy mounting to an extremely rigid & durable foam board High-tack (HT) adhesive is pressure-activated for a permanent bond Very good dent and scratch resistance Routs and cuts cleanly for easy fabrication Unparalleled rigidity & dimensional stability	POP DisplaysExhibits & KiosksFramingSignage - Interior	Mounting Saw Cutting Routing	Cannot form	Combustible	Not Recommended	3/16", 1/2", 3/4" in: • Black facers - black foam	• 48"x96" *Custom sizes available
NEW! LUMEX® G PETG Clear Sheet	Premium quality extruded modified polyethylene terephthalate	 Ideal solution for thermoforming and hot line bending applications No pre-drying required before thermoforming No stress-cracking/whitening when formed Good chemical resistance Excellent low-temperature performance High impact properties allow for a thinner gauge 	 POP Displays Exhibits & Kiosks Framing Signage - Interior Machine Guards Poster Glazing Appliance Packaging 	 Mounting Digital/Screen Printing Hot line bending Vacuum Forming Thermoforming Sawing Drilling Die Cutting/Punching 	 Thermoplastic; heat required for all forming Drape forming Vacuum forming Free forming Line bending 	Class B - s1, d0	Not Recommended	• .030", .040", .060", .080", .118", .177", .236" Clear	• 48"x96"
E-PANEL TM Aluminum Composite Material (ACM)	Two pre-painted sheets of 0.008" aluminum with a solid polyethylene core; manufactured in China	 Suitable for digital & screen printing Suitable for mounting graphics Very rigid with good flatness Good durability in exterior applications Recommended for flat panel applications 	 POP Displays Exhibits & Kiosks Framing Framing - Archival Signage - Interior Signage - Exterior 	Mounting ³ Repositioning Vinyl Digital Printing Screen Printing Painting Saw Cutting Routing Die Cutting/Punching ⁶	Recommended for flat panel applications	Not Tested	Suitable for outdoor usage	2mm White / White 3mm White / White 3mm White / Mill finish (Aluminum) 3mm Brushed Silver / Mill finish (Aluminum) 4mm White / White 6mm White / White	• 48" x 96" • 48" x 96", 60" x 120" • 48" x 96" • 48" x 96" • 48" x 96" • 48" x 96"
DIBOND® Aluminum Composite Material (ACM)	Two pre-painted sheets of premium 0.012" aluminum with a solid polyethylene core	 Flattest panel on the market Superior surface protects expensive digital and screen-printed graphics Excellent durability in outdoor applications Won't bow or oil can Approximately 1/2 the weight of solid aluminum sheet Can be rout-&-returned to add dimension or roll-formed to deliver sweeping curves Brushed Metal & mirror finishes provide high-end appearance for interior store design applications 	 POP Displays Exhibits & Kiosks Framing Framing - Archival Signage - Interior Signage - Exterior Signage - Structural⁸ 	 Mounting³ Repositioning Vinyl Digital Printing Screen Printing Painting Saw Cutting Routing Die Cutting/Punching⁶ Forming Curves 	Easily curved with pyramid roller, hydraulic press or clamped pipe Angles can be achieved with relief rout and return	(ASTM E-84) 5mm and less • Self extinguishing	Ideal for outdoor usage No oil canning Baked on, coil-coated paint finishes	2mm White gloss / White matte 3mm White gloss / White matte 3mm Jet Black gloss / Jet Black matte 3mm Dark Bronze / Aluminum Metallic 3mm Red gloss / Red matte 3mm Yellow gloss / Yellow matte 3mm British Green gloss / British Green matte 3mm British Green gloss / Ultramarine Blue matt 3mm BUTLERFINISH® / Aluminum Metallic 3mm BUTLERFINISH® Copper / White matte 3mm BUTLERFINISH® Stainless / White matte 4mm White matte / White matte *Custom colors available	• 49.2" x 98.4" • 49.2" x 98.4", 59.1" x 120.1" • 49.2" x 98.4" • 49.2" x 98.4"

¹⁾ Do not expose core to solvent-based paints

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CONTACT YOUR REPRESENTATIVE: 3acompositesusa.com/sales-rep

Archival conservation mounting

³⁾ Cold mounting techniques only
4) May be knife cut up to 3mm

⁵⁾ May be die cut in gauges up to 5mm or 3/16"

⁶⁾ Punch press die set is required, not a steel rule die

⁷⁾ Face priming will provide better results

⁸⁾ Applications such as workzone signage, canopies, pylons and column covers