

MIDWEST

Sign & Screen Printing Supply Co.

foams

wood

aluminum & steel

aluminum composites

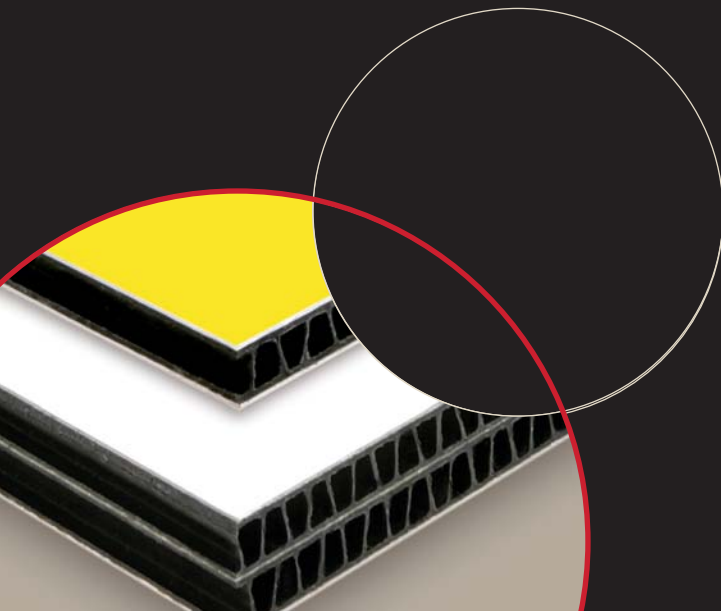
plastics

backlit illuminated

paper

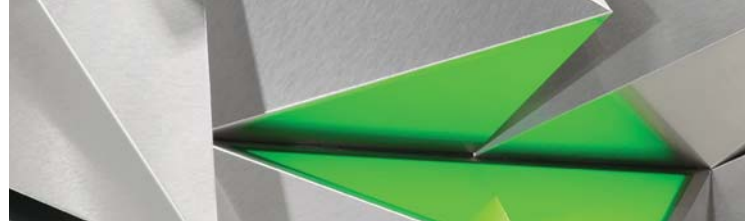


substrate *guide*



Aluminum Composites

Interior & Exterior Signs • POP Displays • Kiosks • Billboards • Wall & Fence Mounted • Post & Panel Backers for Electrical Signs • Scoreboards • Fascias • Exhibits • Push-through Signage
 UV Digital • UV Screen • Applied Digital Prints or Cut Vinyl



Custom sizes or colors may be available by special order

Alumalite

Double-sided aluminum composite panel with a high-density corrugated polyallomer (CPA) core, finished surface of high-gloss factory baked polyester. The painted surface is warranted not to crack, chip, flake, or peel. Each skin is .012" thick aluminum.



Colors	Thickness	Sheet Size	Exterior Durability	Typical Uses
white/white	6 mm	4' x 8', 10', or 12' 5' x 8', 10', or 12'	5 year lamination 10 year colorfast	Signs Displays Mounting Cut vinyl Screen printing UV digital printing
	10 mm	4' x 8' or 10' 5' x 8', 10', or 12'		
colors • raven black • royal blue • ivory • sunset red • bright yellow • ivy green • regal bronze • silver metallic • matte black • sand beige • candy apple red	6 mm	4' x 8'	5 year lamination 10 year colorfast	

D-Lite

Single or double-sided aluminum composite panel with a high-density corrugated polyallomer (CPA) core, finished surface of high-gloss factory baked polyester. The painted surface is warranted not to crack, chip, flake, or peel. Each skin is .012" thick aluminum.



Colors	Thickness	Sheet Size	Exterior Durability	Use
white/mill white/white	3 mm	4' x 8' or 10'	5 year lamination 10 year colorfast	See Alumalite

Econolite

Single-sided aluminum composite panel with a high-density corrugated polyallomer (CPA) core, finished surface of high-gloss factory baked polyester, Econolite is backed with an unpainted aluminum sheet. The painted surface is warranted not to crack, chip, flake, or peel. Each skin is .012" thick aluminum.



Colors	Thickness	Sheet Size	Exterior Durability	Use
white/mill	6 mm	4' x 8' or 10'	5 year lamination 10 year colorfast	See Alumalite
	10 mm	4' x 8'		

e-panel

Double-sided aluminum composite panel with a polyethylene core, finished surface of high-gloss factory baked polyester. Each skin is .008" thick aluminum.



Colors	Thickness	Sheet Size	Exterior Durability	Use
white/white	2 mm	4' x 8'	2-years against manufacturer defects	See Alumalite
	3 mm	4' x 8' - 5' x 10'		
	4 mm	4' x 8'		



Aluminum Composites

Interior & Exterior Signs • POP Displays • Kiosks • Billboards • Wall & Fence Mounted • Post & Panel
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 UV Digital • UV Screen • Applied Digital Prints or Cut Vinyl

Custom sizes or colors may be available by special order

NEW Omega-Bond DPG Digital Print Grade

Featuring a special coating for enhanced UV ink adhesion **exclusive to Midwest**, the Omega-Bond solid core aluminum composite panels you know and love just got better.



Colors	Thickness	Sheet Size	Exterior Durability	Use
white/white *available as single or double-sided	3mm	4' x 8' * or 10' - 5' x 10'	5 year lamination 5 year colorfast	Signs Displays Mounting Cut vinyl Screen printing UV digital printing
	6 mm	4' x 8'		
black	3 mm	4' x 8'		
silver	3 mm	4' x 8'		

Omega-Bond

Single or double-sided aluminum composite panel with a polyethylene core, finished surface of high-gloss factory baked polyester painted aluminum. The painted surface is warranted not to crack, chip, flake, or peel. UL recognized component.



Colors	Thickness	Sheet Size	Exterior Durability	Use
white/white white/mill *available as single or double-sided	2 mm 3 mm 4 mm 6 mm	4' x 8' * 4' x 8' * or 10' - 5' x 10' 4' x 8' 4' x 8' or 10'	5 year lamination 5 year colorfast	Signs Displays Mounting Cut vinyl Screen printing UV digital printing
colors • black • silver • green • red • yellow • blue • bronze • light ivory	3 mm	4' x 8'	5 year lamination 5 year colorfast	
brushed • silver • gold	3 mm	4' x 8'	5 year lamination 5 year colorfast	

Dibond

Industry's leading ACM for more than 15+ years. Double-sided aluminum composite panel with a polyethylene core, finished surface of high-gloss factory baked polyester. Each skin is .012" thick aluminum. Made in the U.S.A.



Colors	Thickness	Sheet Size	Exterior Durability	Use
white/white	2 mm 3 mm 4 mm	4' x 8' 4' x 8' - 5' x 10' 4' x 8'	2-years against manufacturer defects	Signs Displays Mounting Cut vinyl Screen printing UV digital printing
colors • black/white • dark bronze/fine silver • black/black • hunter red/caution yellow • dark green/ultra marine blue	3 mm	4' x 8' or 10'	2-years against manufacturer defects	
brushed • silver/fine silver • bronze/white • copper/white • stainless/white	3 mm	4' x 8'	2-years against manufacturer defects	

Backlit Illuminated Plastics

Interior & Exterior • Backlit • Cabinet Faces • POP Displays • Directional • Architectural • Paint
Cut Vinyl • Printed Translucent Films • Thermoforming



ACRYLITE® Digital Print

ACRYLITE® Digital Print is a crystal clear acrylic sheet with enhanced adhesion properties for UV curable inks used in today's flatbed digital printers. ACRYLITE® Digital Print eliminates the need for costly adhesion promoters or other labor intensive surface preparation.



Colors	Thickness	Sizes	Exterior Durability	Use
clear	.118" .177" .220"	48" x 96"	Contact Evonik Cyro technical support for guidance on outdoor use	POP Displays Retail Signage Wayfinding Tradeshows

ACRYLITE® LED SG Sign Grade impact modified acrylic

ACRYLITE® LED SG Sign Grade impact modified acrylic is specially formulated to provide superior impact strength, outstanding outdoor performance, and superior forming and fabrication.



Colors	Thickness	Sizes	Exterior Durability	Use
clear white - 7328, 2447 colors - standard colors available	.060" .118" .177"	52" width 76" width 100" width	30 years clear and white Outdoor stable colors	Illuminated signs Thermoforming Channel Letters LED backlighting

ACRYLITE® FF extruded acrylic

ACRYLITE® FF extruded acrylic is the highest quality continuously manufactured acrylic sheet on the market. Using a proprietary innovative process, ACRYLITE® extruded acrylic products are economical, provide tight thickness tolerance, high performance optical characteristics, and low stress levels.



Colors	Thickness	Sheet Sizes	Exterior Durability	Use
clear / clear non-glare P99 white 7328, 2447 black 2025 red 2157, 2283, 2793 blue 2114, 2050 yellow 2037 ivory 2146	.090" .118" .177" .236"	48" x 96" 49" x 97" 51" x 100" 60" x 96" or 144" 72" x 120" 75" x 100" or 125" 96" x 96"	30 years clear and white Outdoor stable colors	Illuminated signs POP displays Mounting Routing Architectural Cut vinyl

ACRYLITE® LED Letter Block

ACRYLITE® LED Letter Block is a specially formulated cast acrylic designed to backlight with embedded LEDs. It features superior light diffusion for stunning displays and push-through letters.



Colors	Thickness	Sizes	Exterior Durability	Use
white	30 mm (1.18")	200 x 300 cm (78.7" x 118.1")	30 years	Illuminated signs Channel letters

SunGard LD Polycarbonate

SunGard LD is a light diffusing outdoor weatherable polycarbonate sheet that combines the high impact strength of polycarbonate with outstanding ultra-violet (UV) stability. SunGard's unique properties make it a great choice for a variety of exterior sign applications.



Colors	Thickness	Sizes	Exterior Durability	Use
clear white	.118" .150" .177"	52" width 76" width 100" width	Outdoor Stable	Illuminated signs



KATZ Display Board

A satin finished, environmentally-friendly paper-based solution for all interior display options. Recyclable, excellent print and cut qualities, additional thicknesses and custom sheet sizes are available.



Colors	Thickness	Sheet Size	Exterior Durability	Use
white	1.2 mm	28" x 39" or 44"	Interior	POP displays Mounting UV – Digital or Screen
	1.6 mm	49" x 97"		

PolyTuff

Hybrid card-stock substrate constructed from bleached virgin pulp fiber with a bright white gloss front finish. Coated polyethylene on both sides and corona treated for better ink adhesion.



Colors	Thickness	Sheet Size	Exterior Durability	Use
white	6 ply (.024") 14 ply (.050") 24 ply (.075")	22" x 28" 28" x 44"	Short-term	POP displays UV – Digital or Screen Yard signs

Twinkote

Chipboard brown/gray recycled cardstock with a coating of litho paper. It provides a polished, lustrous surface that is perfect for printing and cutting. It has an equal coating on both sides and takes all types of printing inks. Use where a shiny finish is essential.



Colors	Thickness	Sheet Size	Exterior Durability	Use
brown/gray	14 ply (.050") 28 ply (.090")	28" x 44"	Interior	POP displays UV – Digital or Screen

Banner Bond Paper

20 lb bond paper for patterns or other short term uses. 1-1/2" core.



Colors	Thickness	Sheet Size	Exterior Durability	Use
white	20 lb	24", 36", 48", 60" x 50 yd	Interior	Patterns Paper banners

Substrate Converting Services

Midwest offers rigid and flexible substrate conversion for every project, big or small. We can provide products that are custom-sized, accurately finished, and ready for decoration, without having the equipment to cut them yourself. Our saw capabilities include:

- Cut sheets from 130" x 130" down to 1.5" x 1.5" pieces
- Convert a wide variety of substrates (foam board, acrylic, styrene, expanded PVC, etc.)
- Receive clean high-quality sheets with 99.5% dust removal
- Short lead times

Contact your local Midwest location for a quote or for additional information



Foams

POP Displays • Exhibits • Kiosks • Interior Signs • Mounting



Gatorfoam

The original heavy duty graphic art board that consists of polystyrene foam bonded between two layers of wood-fiber veneer laminate. High structural strength, versatility, and durability. Made in the U.S.A.



Colors	Thickness		Sheet Size	Exterior Durability	Use
white face / white core	3/16"	1"	4' x 8' 5' x 10'	Interior	POP displays Mounting UV – Digital or Screen Framing
white face / black core	3/8"	1 1/2"			
black face / black core	1/2"	2"			
natural face / white core	3/4"	3"			
white face / black core / black face					

Gatorplast

Polystyrene foam core laminated on both sides with printable high-impact polystyrene cap sheets. 100% recyclable. Made in the U.S.A.



Colors	Thickness		Sheet Size	Exterior Durability	Use
white face / white core	3/16"	1 1/2" 2" 3"	4' x 8' 5' x 10'	Interior / Short-term Outdoor	POP displays Mounting UV – Digital or Screen Framing
black face / black core	1/2"				
white face / black core / black face	3/4"				
white face / black core / white face	1"				

Fome-Cor

Embossable graphic display board constructed of polystyrene foam bonded between printable high-quality papers. Made in the U.S.A.



Colors	Thickness	Sheet Size	Tack	Exterior Durability	Use
bright white face / white foam	1/8"	20" x 30" 24" x 36" 30" x 40" 30" x 42" 32" x 40" 40" x 60"	48" x 72" 48" x 96" 48" x 120" 60" x 96" 60" x 120"	Interior	POP displays Mounting UV – Digital or Screen Framing
	3/16"				
black face / black foam	3/8"				
	3/16"				
bright white face / black foam	3/8"				
	3/16"				

Fome-Cor Self-Adhesive

Graphic display board with mounting adhesive on one side—available in Low Tack (repositionable adhesive) or High Tack (not repositionable). Made in the U.S.A.



Colors	Thickness	Sheet Size	Tack	Exterior Durability	Use
white face / white foam	3/16"	24" x 36" 32" x 40" 40" x 60" 48" x 72" 48" x 96"	Low Tack High Tack	Interior	POP displays Mounting UV – Digital or Screen Framing
black face / black foam					



Wood Products

Post & Panel • Billboards • Exhibits • Kiosks • A frames • Scoreboards
 Directional • Interior & Exterior Signs • Paint • Cut Vinyl • Screen Print

Lusterboard

Painted aluminum bonded to both sides of furniture-grade exterior plywood core. Each skin is .012" thick. Other thickness/color combinations are available by special order.



Colors	Thickness	Sheet Size	Exterior Durability	Use
white/white	1/4" 1/2"	4' x 8' or 10'	5 year lamination (with proper edge seal)	UV – Digital or Screen Vinyl decoration
colors <ul style="list-style-type: none"> • raven black • ivy green • sunset red • matte black • sand • candy apple red • royal blue • ivory • silver metallic • bright yellow 	1/4"	4' x 8'	5 year lamination (with proper edge seal) 10 year Colorfast	

Omega SignBoard

Hardwood core of exterior furniture-grade plywood with a finished surface of brilliant white vinyl. Perfect for the application of pressure-sensitive vinyl.



Colors	Thickness	Sheet Size	Exterior Durability	Use
white	1/2"	4' x 8' or 10'	5 year lamination (with proper edge seal)	UV – Digital or Screen Vinyl decoration

MDO SignReady UV

Prefinished, high gloss MDO plywood ready for wide layout digital printers, vinyl letters & paints. Urethane-acrylic, cross-linked, UV cured finish applied to MDO on hardwood faced plywood with Douglas Fir/Hemlock inner plys. 2 step layup. Made in the U.S.A.



Colors	Thickness	Sheet Size	Exterior Durability	Use
good 1 side white good 2 sides white	1/2"	4' x 8'	5 year flaking & peeling warranty	UV Screen Painted sign Vinyl decoration

MDO Pre-Primed

Proprietary gray thermo-set acrylic primer applied to medium density overlaid plywood with Douglas Fir/Hemlock construction. 2 step layup. Made in the U.S.A.



Colors	Thickness	Sheet Size	Exterior Durability	Use
good 1 side good 2 sides	3/8"	4' x 8'	Varies by decoration method Exterior grade	UV – Digital or Screen Painted sign Vinyl decoration
	1/2"	4' x 8' or 10'		
	3/4"	4' x 8'		

Midwest is your #1 source for sign, screen, and digital!

This Substrate Guide features some of the most popular and useful rigid substrates that Midwest has available! For additional product offerings, call or email our experienced representatives or visit us online at www.midwestsign.com. We also offer convenient 24/7 shopping on our E-Store at estore.midwestsign.com.

Plastics

POP Displays • Directional • Architectural • Cut Vinyl
Printed Vinyl • UV Digital • UV Screen

Other sizes and thicknesses available



PETG

PETG is a thermoplastic sheet used in visual merchandising and engineering applications. It can be easily formed, die cut, and punched. It approaches the clarity of acrylic and impact resistance of polycarbonate.



Colors	.118"	.020"	.030"	.060"	.080"
clear - matte / gloss	48" x 96"				
clear - gloss / gloss (2 side mask)		48" x 96"	48" x 96"		48" x 96"
clear - matte / gloss (2 side mask) clear - gloss / gloss (2 side mask) clear - matte / gloss (unmasked)				48" x 96" 51" x 100"	

Styrene

Polystyrene sheet is designed to meet a wide variety of applications and is one of the most versatile and inexpensive materials available today. Use for POP displays, signs, door hangers, medical & consumer packaging. Please specify your decoration process, we have both screen and digital print versions.



Screen Print							
Colors	.010"	.015"	.020"	.030"	.040"	.060"	.080"
white custom colors	48" x 96"	50" x 100"	50" x 100" 52" x 76" 60" x 120"	50" x 100" 52" x 76"	48" x 96" 50" x 100" 60" x 120"	31" x 31" 31" x 44 1/2" 48" x 96" 50" x 100" 52" x 76" 60" x 120"	50" x 100"

Digital Print Grade				
Colors	.020"	.030"	.040"	.060"
white custom colors	50" x 100" 60" x 120"	50" x 100" 60" x 120"	50" x 100" 60" x 120"	50" x 100"

Rigid Vinyl

Rigid Vinyl sheet allows for a wide variety of uses with very good ink adhesion. Can be bent and flexed much more than similar plastics such as styrene. Use for POP displays, signs, door hangers, shelf danglers, and numerous other applications.



.010"		.015"		.020"		.030"	
25" x 52"	clear gloss white gloss	25" x 48"	white gloss	25" x 52"	clear gloss white gloss	26" x 52"	clear gloss
28" x 40"	white matte	25" x 52"	white gloss white matte clear gloss	28" x 40"	white matte	51.75" x 99.75"	
40.5" x 53"	white matte	28" x 40"	white matte	51.75" x 99.75"	white matte		
25" x 48"	white gloss			63" x 330'	white matte		



Sintra

Industry leading expanded PVC board for more than 20 years. A low-gloss matte finish, lightweight, and rigid display sheet. Made in U.S.A.



White				Black			Colors		
1 mm	2 mm	3 mm	6 mm	2 mm	3 mm	6 mm	3 mm	6 mm	available colors:
4' x 8'	4' x 8' 5' x 10'	4' x 8' or 10' 50" x 100" 5' x 8' or 10' 2M x 10'	4' x 8' or 10' 50" x 100" 5' x 8' or 10'	4' x 8'	4' x 10'	5' x 10'	4' x 8'		<ul style="list-style-type: none"> • light gray • gray • dark red • dark blue • dark green • bright yellow

e-pvc

A satin finished, low-density, lightweight, and less rigid expanded PVC board. Made in U.S.A.



Colors	3 mm	6 mm	10 mm	12.7 mm	Use
white black			48" x 96" 50" x 100" 5' x 10'		Economical PVC alternative for less demanding applications

Dimensional Carving 3D Foam

Displays • Dimensional • Long-Term • Sandblasted
Carved • Routed • Exterior & Interior



SignFoam 4

SignFoam is a proven high-density urethane (HDU) foam board that delivers exceptional versatility and outstanding value for dimensional sign making, environmental graphics, 3-D displays, and model making. Produced with a minimum 16% recycled content, every sheet contains at least 240 recycled plastic water bottles. Made in U.S.A.



Colors	Weight	Thickness		Sheet Size	Exterior Durability	Use
tan	15 lb	1/2"	1 1/2"	4' x 8' 4' x 10'	10 years	Carved, routed, or sandblasted signs and displays
olive	18 lb	3/4"	2"	5' x 8'		
		1"	3"	5' x 10'		

Shop our products online 24/7! Have you tried our E-Store yet? Midwest's online E-Store allows you to place orders quickly and easily, review a past order, or lookup product information. Visit us at estore.midwestsign.com!

Corrugated Plastic

POP Displays • Directional • Architectural • Cut Vinyl
 Printed Vinyl • UV Digital • UV Screen

Other sizes and thicknesses available



Matra Plast Hi-Core®

Hi-Core® corrugated plastic sheet is manufactured from high quality polypropylene and is ideal for inexpensive signs and displays. The surface is much smoother than standard grade corrugated plastic sheet and is ideally suited for direct UV printing or vinyl application. Item numbers begin with MTR.



Blanks				
Dimensions	4 mm	5 mm	6 mm	8 mm
18" x 24"	Boxed / Unboxed white, anti-static white, white OXO biodegradable, black, red, Pantone® yellow, yellow		white	
24" x 18"	Boxed / Unboxed white, anti-static white, opaque white, white OXO biodegradable, black, red, yellow, anti-static yellow		white	white
24" x 24"	white; yellow	black		
24" x 32"	white			
24" x 36"	white		white	
36" x 24"	white, black, yellow			
24" x 48"	white opaque, white			
30" x 145"		white		
36" x 36"	white			
36" x 72"	white			

Sheet Stock							
Dimensions	2.5 mm	3 mm	4 mm	5 mm	6 mm	8 mm	10 mm
4' x 8'	white	white blue Pantone® yellow	white, opaque white, anti-static white, black, blue, brown, clear natural, dark blue, gray, green, ivory, navy blue, medium blue, orange, Pantone® yellow, red, silver, yellow	black	white, black	white	white black clear natural green yellow
4' x 10'			white				white
50" x 100"			white, opaque white				
60" x 120"			white, opaque white				white

Sign Stakes and Frames

Midwest offers a wide variety of metal and plastic Sign Frames and Stakes for use with your:

- Aluminum Sign Blanks
- Steel Sign Blanks
- Corrugated Plastic

Contact your local Midwest location for additional information





Aluminum and Steel Sign Blanks

Midwest has a wide assortment of high quality pre-finished aluminum and steel sign blanks and sheets. Ideal for single or double-sided signs for interior or exterior use. Custom sizes, holes, or corners are available upon request. Item numbers begin with CHF (blanks), WRI, or ALU (sheets).



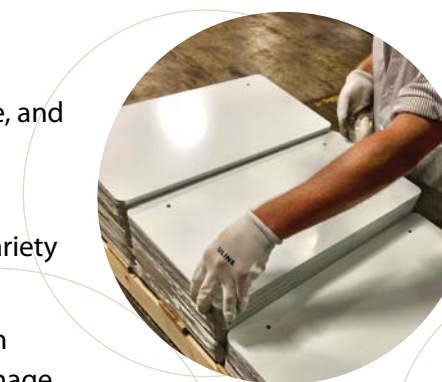
Aluminum Blanks						R = radius corners	Steel Blanks	
Blanks							Blanks	
Dimensions	.024"	.032"	.040"	.063"	.080"	24 ga.		
6" x 12"			white					
6" x 18"			white					
6" x 24"		white, white R	white					
6" x 36"			white					
12" x 18"			white, white R	white, white R, pre-drilled white R	white, white R			
18" x 24"	white		white, white R	white, white R	white, white R		white/white	
18" x 30"			white				white/white	
20" x 28"			white				white/white	
24" x 24"	white		white	white			white/white	
24" x 30"	white		white				white/white	
24" x 36"	white	white	white, white R	white, white R	white		white/white	
24" x 48"	white (1 side masked)		white	white			white/white	
24" x 48"	white (1 side masked)		white	white				

Sheet Stock					
Dimensions	.024"	.032"	.040"	.063"	.080"
4' x 8'		white/white	white/white black/white	white/white	white/white
4' x 10'		white/white	white/white black/black	white/white	white/white

Midwest Sign Blanks

Midwest offers aluminum and steel sign blanks that are easy to fabricate, extremely durable, and arrive at your door ready to decorate. Contact your local Midwest location for pricing and additional information.

- **Aluminum blanks** are pre-finished gloss white on both sides and available in a wide variety of gauges and sizes. Can be screen printed, digitally printed, or decorated with vinyl.
- 24-gauge **steel blanks** are primed and double-coated white on both sides for a smooth glossy finish and excellent printability; great for outdoor real estate signs and other signage.



From the Midwest to the West Coast...

Service, quality, and commitment you can trust!



Service

Midwest is more than just a supplier—we pride ourselves on offering customers some of the best service in the industry.

Quality

Ten locations strong, we network with the top manufacturers in our industries to bring only the best supplies, equipment, and services to customers from the Midwest to the West Coast.



Commitment

Our goal: to provide Excellence Beyond Expectations®. We have built a tradition of excellence over more than eight decades. With experience and commitment, we look forward to guiding your business into the future—by representing the industry's newest products, services, and techniques.

Support

Midwest wants to make sure you get the most out of our products. With our Digital Support Center, technical support is available Monday through Friday, 8:00 a.m. Central to 5:00 p.m. Pacific. Our highly-trained team of Digital Support Technicians are available by phone or email to offer support, guidance, installation, training, and more on your digital equipment.

Your full-service supplier for:

- **Sign:** Substrates, banner material, sign paints, and more.
- **Screen:** Everything from presses to inks, frames, and adhesives.
- **Digital:** All of the latest digital media, equipment, and software.
- **Services:** Digital support, color mixing, rigid and flexible substrate conversion, custom sign blanks, and letter coil.

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