

QUALITY PRODUCTS AND SERVICE SINCE 1959



SIGN & DISPLAY CATALOG



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ABOUT US

Our philosophy: if we can't earn your business, we don't deserve your business! There are a lot of choices of where to purchase your supplies today. All we ask is that you give us that chance to show you why we believe we're a great choice. Quality products, a knowledgeable staff and competitive prices. Why not give us an opportunity to earn your business?

We have the know-how to help you be successful in this very competitive market. Call your nearest branch office and put us to the test.

The team at Advanced Plastics

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3M Adhesives

3M Super 77 Spray Adhesive

3M Super 77 spray adhesive forms a fast aggressive tack for bonding a wide variety of materials, plastics, cardboard, wood, painted and unpainted metals. Great for mounting digital prints with a long lasting bond. It has low VOCs. Available in a 16 oz can.

3M 08987 Aerosol Adhesive Remover

Specially blended solvent for removal of light paint overspray, adhesive residue, wax, grease, tree sap, dirt, road tar, oil and bugs in aerosol form. Will not harm most thoroughly cured automotive paint, vinyls, or fabrics when properly used. Available in a 15 oz can.



Industrial Adhesives

Weld-on #3

Weld-on 3 is non-flammable, water thin very fast setting solvent cement for bonding acrylics. Also bonds styrene, butyrate, and polycarbonates to themselves. It will not bond cross-linked acrylics. Available from stock in pint cans. Caution, keep can tightly closed, this product will evaporate very quickly.

Weld-on #16

Weld-on 16 is a fast setting, medium bond high strength, acrylic cement. Also bonds rigid PVC, ABS, styrene, butyrate and polycarbonate to themselves and each other, as well as other plastics and porous surfaces. Available in 5 oz tubes.



Cement Applicator

1-1/4 Ounce Bottle with a 16 Gauge needle

Silicone Sealant / Adhesive

API brand silicone is 100% RTV room temperature vulcanizing rubber. Recommended for sealing and as a bonding agent. It adheres well to clean metal, glass, most non-oily woods, rubber and many plastic and painted surfaces. When cured and washed, ingredients remaining or which could migrate to food is listed on FDA regulation No.21 CFR177.2600 (formerly 121.2562). Material usually skins over in 5 minutes, dries to the touch in one hour and fully cures in 24 hours (optimal strength is achieved in 7 days). Available in 10.3 recapable tube in clear, black, white and biscuit.

Also available in a mildew resistant version that resists mildew. Perfect for applications where it will be exposed to damp environments, like tubs, tile, shower doors, vanities and sinks. Available in white, translucent white and almond.

We also carry a siliconized acrylic sealant that is paintable. For use in interior or exterior applications. Cleans up with water and carries a 25 year limited warranty. Available in white only.





Methacrylate Adhesive

MP55420 is a high performance two part methacrylate adhesive engineered to bond a wide range of plastics, metals, and composite assemblies. It offers outstanding bond strength, is extremely durable, with excellent impact and weathering properties. MP55420 greatly increases the reliability of finished assemblies with exceptional flexibility, it's ability to withstand extreme temperature fluctuation and thermal cycling, and resistance to a wide range of chemicals and environmental conditions. New improved side-by-side design for much more reliable dispensing. Now available in a 490 ml cartridge.

Adhesive Tape

519 Intertape Masking Tape

519 masking tape is a 6 mil, conformable, flexible, high quality semi-bleached crepe paper tape coated with a natural/ synthetic rubber pressure-sensitive adhesive capable of withstanding temperatures of up to 180 F for up to one hour. Applications include paint masking, silk screening, light bundling, hinge mounting vinyl graphics etc. Available in sizes from 1/2" to 2" width, 60 yards long, from stock.



Application Fluid



Rapid Tac allows installers to install even large graphics with just one person. This product cleans as well as helps "float" the vinyl film until it can be properly positioned. It's recommended that you first spray the substrate and wipe it down well with a cheap kitchen towel, then spray the surface again, peel the backing off the decal and place the decal on the wet surface (you may want to also spray the adhesive side of the decal too). Then using a firm motion, squeegee out the liquid and any air bubbles that may be trapped between the substrate and the vinyl, working from the center to the outer edges in all directions. Wait 2-3 minutes, then saturate the paper application tape with Rapid Tac which will aid in pulling the tape off. Available in quart bottles with sprayer or 1 gallon container.

Rapid Remover Adhesive Remover

Rapid Remover is a non-toxic, water-soluble adhesive remover that breaks down and removes adhesives in as little as sixty seconds!

Spray it on, wait a few minutes and easily wipe away residue adhesive with a plastic squeegee and paper towel. Not only does Rapid Remover work fast, but it works without causing damage to most painted or bare metal surfaces.

STEP 1. Remove decal with heat lamp or heat gun.

STEP 2. Spray glue residue with Rapid Remover and let penetrate for 30-60 seconds.

STEP 3. Using a squeegee, scrape to remove glue residue.

STEP 4. Spray Rapid Remover on a paper towel and wipe surface clean.

STEP 5. Rinse surface with Rapid Tac Application fluid or water. Rapid Remover is water-soluble.



ADHESIVES

Roland® Printers / Cutters

LEF-20 Flatbed Printer

With the all new LEF-20 UV Flatbed Printer, you can print directly on virtually any substrate or dimensional object up to 20" x 13" x 3.94." The LEF-12 offers a print area of 12" x 11" x 3.94".

The LEF-20 comes with advanced ECO-UV® inks in CMYK, white and clear formulations. Designed for flexibility, ECO-UV inks image beautifully and conform around the most complex corners and curves. Clear ink can be layered into gloss or matte finishes for unique embossing and varnishing effects. White ink can be printed as a spot color or as a flood behind CMYK to make colors pop on dark backgrounds or clear materials such as acrylic.



MSRP ~~\$29,995⁰⁰~~

CALL FOR CURRENT PRICING



MSRP

~~\$89,995⁰⁰~~

CALL FOR CURRENT PRICING

LEJ-640FT Flatbed Printer

A natural extension of the award-winning VersaUV series, the LEJ-640FT flatbed UV printer delivers unparalleled printing capabilities and superior compatibility with the widest range of substrates, including heavy, rigid materials up to six inches thick and weighing up to 220 pounds.

In addition to CMYK, the LEJ-640FT adds White and Clear Coat ECO-UV inks for spectacular POP displays, interior design, art, promotional products, and 2-sided signs with high visual impact and unique dimensional effects. The result is a flatbed UV printer for exceptional graphics that are anything but flat.

VersaEXPRESS RF-640

Impressive print speed and quality, advanced productivity features and unmatched reliability and support make the VersaEXPRESS RF-640 the smart choice for your business. Equipped with the latest print head technology and GREENGUARD Gold-certified Eco-Sol MAX® 2 inks, the RF-640 delivers vibrant prints at up to 521 sqft/hr. Save time with intelligent features like the ability to replace inks on the fly and an iPad app to remotely control common printer functions. And be productive right from the start with an included take-up unit and VersaWorks® RIP software.



MSRP ~~\$16,995⁰⁰~~

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Check out pages 17, 18 & 19 for Ink Jet Media and Inks!

VSi Series Printer

The new VSi Series offers everything users already love about VersaCAMM inkjets...and more. We started off with all the popular features that have made VersaCAMM the world's best-selling wide-format printer. Then we expanded the functionality and capabilities even further, incorporating the latest print head technology, faster drying GREENGUARD Gold certified Eco-Sol MAX® 2 inks in CMYKLcLm, White, Metallic and new Light Black, and PANTONE® color matching. We even added front-loading cartridges and other user-friendly design features for unsurpassed convenience and efficiency.

Available in 64-inch, 54-inch or 30-inch models, VSi Series wide-format inkjet printers produces stunning vibrant graphics across a wide range of applications, including signs, banners, vehicle graphics and wraps, fine art posters, packaging prototypes, labels, decals, POP displays and apparel heat transfers.



VS-300i (30") MSRP ~~\$16,495⁰⁰~~

VS-540i (54") MSRP ~~\$19,995⁰⁰~~

VS-640i (54") MSRP ~~\$23,995⁰⁰~~

CALL FOR CURRENT PRICING

XF-640 Series Printer

When it comes to productivity, the innovative Pro 4 XF-640 is in a class above all other large-format digital printers. Equipped with the industry's most advanced dual mirrored print heads, a reinforced chassis, redesigned take-up and pinch roller systems and wide-gamut Eco Sol MAX® 2 inks, this next generation inkjet is uniquely engineered and constructed to crank out crisp, vibrant graphics.



MSRP ~~\$29,995⁰⁰~~

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Built to serve as the perfect backbone for any busy shop environment, the XF-640 reliably delivers detailed images, bold color and deep image saturation on a wide range of media. Along with its state-of-the-art print head design, the XF-640 boasts cutting-edge features such as Intelligent Pass Control, advanced media handling, an integrated tri-heater system and a three-stage wiper system to ensure superior performance and outstanding production capability over the long haul.

XR-640 Series Printer / Cutter

With its two inline, mirrored print heads, integrated printing and contour-cutting technology, and new environmentally-friendly Eco-SOL MAX 2 inks, the Pro 4 XR-640 large-format color printer delivers both greater productivity and unsurpassed image quality.

The Pro 4's dual print heads allow 7 or 8-color configurations, maximize output and help eliminate bi-directional banding. New, advanced specialty ink capabilities, including light black, high-density white and metallic silver, also put the Pro 4 in a class above any other large-format color printer. All of this translates into stunning, vibrant large-format banners, signs, vehicle graphics, decals, POP displays and more.



MSRP

~~\$29,995⁰⁰~~

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EQUIPMENT

Plotters

CE 6000 Series – Professional Class

The Graphtec professional class family of plotters have many improvements over the previous models, now including, the advanced registration mark sensor (ARMS), ability to cut pre-printed graphics and up to 450 grams of cutting force. Easy to setup, and now includes Graphtec's new stand-alone software program, Graphtec Studio (compatible with Windows or Mac). Or if you're already proficient in a design program like CorelDRAW or Adobe Illustrator, Cutting Master 3 plug in for outputting you cut jobs to the plotter. A stand is included for the 24" & 48" models with a USB cable, and are also compatible with a 25 pin RS-232C cable. The 15" unit is a desktop model for compact precision output.

Available in 15", 24" & 48" widths.



CE6000-40 (15") MSRP ~~\$1,295⁰⁰~~

CE6000-60 (24") MSRP ~~\$2,195⁰⁰~~

CE6000-120 (48") MSRP ~~\$1,295⁰⁰~~

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FC 8600 Series High Performance

The 8600 series plotters are an industry leader for Signmakers, automotive aftermarket pros & countertop fabricators/ installers. The 8600 series has a maximum cutting speed of 58.5 in/sec, 4.0G acceleration and from 20 to 600g selectable cutting force, allowing users to cut a wide array of media, from diamond grade reflective high intensity reflective, sandblast resist, auto window tint film and adhesive back vinyl. The 8600 now offers a new improved ARMS for accurate auto aligning preprinted graphics and perf-cut capability. A stand and media catch basket is included with each model, as well as Graphtec's new stand-alone software, Graphtec Studio. Or if you're already proficient in a design program like CorelDRAW or Adobe Illustrator, Cutting Master 3 plug in for output.

Available in 24", 30", 54" & 64" widths.

FC-8600-60 (24") MSRP ~~\$3,795⁰⁰~~

FC-8600-75 (30") MSRP ~~\$4,795⁰⁰~~

FC-8600-100 (42") MSRP ~~\$5,895⁰⁰~~

FC-8600-130 (54") MSRP ~~\$6,995⁰⁰~~

FC-8600-160 (64") MSRP ~~\$7,995⁰⁰~~

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CE500-40 /Craft ROBO Pro - Professional Desktop

The Craft ROBO Pro is based on Graphtec's CE5000 series of professional cutting plotters. The Craft ROBO Pro has a maximum cutting width of 14.8" (takes media up to 19" wide), with a max cutting speed up to 16" per second, and a cutting force up to 300gf. With such a fast, accurate and versatile desktop cutting plotter, you can contour cut most any media pre-printed—from your choice of inkjet, solvent based and laser printer.

Craft ROBO Pro is perfect for all kinds of media cutting applications including vinyl, heat and image transfer media, card stock, contour cut stickers, labels, wrappers, hang tags, scrapbooking, architectural modeling, stencil cutting for paint masking and etching masking, plus many others applications.

**Not all models in stock, can be special ordered.



MSRP

~~\$1,295⁰⁰~~

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The Fletcher-Terry Company

Trimmers / Cutters

Titan Cutter / Trimmer

The Titan is Fletcher-Terry's unique bench top cutter and trimming device. Its one-piece aluminum base and robust clamp rail assembly incorporates both a blade cutting track for rigid materials and trimming base for flexible materials. Titan will cut rigid and trim flexible materials on the same machine. The Ergonomic power grip cutting head provides a comfortable handle which has been designed to deliver cutting force while maintaining accuracy. A strong base provides a foundation for all your cutting and trimming needs. Cutting capacity on the Titan includes 40", 60", 80", 100", and 120".



FSC Substrate Cutter

The FSC is an affordable finishing solution designed for virtually any sign making or graphic development business working in a pre- or post-print process. Cut clean, straight, accurate and debris-free materials such as:

Dibond® (4mm) • Aluminum (.063") • PVC (13mm) • Acrylic (1/4") • Polycarbonate (1/4") Polystyrene (1/4") • Corrugated Plastic • (13mm) Alupalite™ (1/4") • Econolite™ (1/4") Gatorboard (1/2") Foamboard (1/2") • Glass (1/4")

The FSC will surprise you with its ability to provide quick and accurate cutting of a wide variety of your most common substrates. Robust and engineered for durability, the FSC will provide years of flawless cutting performance in your shop.

Our unique cutting process provides virtually no debris allowing the FSC to be situated in the same shop area as your printer. Cutting of the plastic sheets requires scoring, then snapping to achieve a clean cut.



Laminators

GFP 255C A cold laminator that's an affordable alternative to hand finishing with rollers or squeegees. The GFP 255 will shorten production time, increase profitability and produce professional results. Mounts prints on substrates up to 1" thick at production speeds, easy too setup and requires low maintenance. This laminator offers variable speed adjustment, 3" film core and includes a foot pedal. Great for the following applications: Signs, posters POP displays, floor graphics photo mounting and pre mask application. Available in both 30" & 55" media widths.

GFP 355TH a more production based laminator than the 200 series, the 355 is easy to setup and ruggedly built, offering several features preferred by operators; larger rollers (4.5") swing up table and an optional media take-up. Available in both 55" & 63" widths has a heat assist top roller enabling faster feed rates and still maintaining good quality. Heavy duty construction allows you to produce top quality signs, banners, trade show displays, dry erase boards, window graphics and vehicle wraps.



EQUIPMENT

See page 20 for laminates available!



Sign Making Software

Flexi Version 11 with CLOUD



Bolster your long-term profitability with SAI's next generation of Print and Sign Making software! SAI Flexi Cloud delivers world-class business, design and production tools to help you stay competitive in challenging business conditions.



Sign Making Software

Signlab 9

SignLab™ is a CADlink™ product designed to help the professional signmaker create any type of sign or poster required by his customer easily, effectively, quickly and with the highest quality. SignLab™ is a full suite of text, vector and raster design tools and support for vinyl cutters, sign printers, thermal ribbon printers, engravers, routers, and dye sub printers.

3 years in the making. Dozens of new features based on direct customer feedback. An even faster, more seamless workflow not only within SignLab, but also from many other design applications used daily within every sign shop. Expand your advantage. Upgrade to SignLab Version 9 now and leverage the most integrated signmaking software package ever released.

New features:

- New menu board design interface
- Advanced transparency support for vector, bitmap & gradient filled objects
- CMYK bitmap & gradient fills support
- Decorative cut around objects
- Extended text character viewer
- Unique stroke/line tools & color controls
- Dozens of new plug-ins
- Convert object to sign blank or any other substrate shape



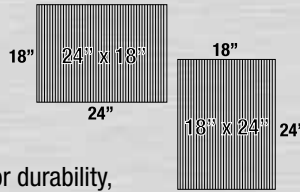
Software available for engraving and routing too!

SHEET STOCK



MATRA PLAST Hi-Core Sheet

Manufactured by Matra Plast Corporation, Hi-core is an extruded twinwall polypropylene sheet, ideal for signs and displays. The flutes in the sheet make it strong, rigid and lightweight when compared to solid sheets. The sheets are designed for limited outdoor durability, especially well suited for real estate, point of purchase, election signs and anywhere a lightweight, inexpensive substrate is needed. The flutes run the direction of the second dimension (48" x 96", flutes run 96" direction). This product also works well for lightweight packaging and templates. Sheets are Corona treated for ink adhesion, and 10 mm thickness sheet is opaque white.



Step Stakes

Step Stakes provide a durable, attractive & economical means of mounting outdoor 4 mm thick corrugated signs. They fit into the flutes and can be easily installed in moments, then placed into the ground. Dimensions are 10" x 30", made of 9 gauge galvanized steel and recommended for signs up to 24" x 18". Great for use in real estate signs, way-finding signs and inexpensive exterior signs. They come packaged 50 per carton.



Nudo AlumaCorr Aluminum/ Plastic Sign Panels

A great replacement for typical sign panels like MDO, aluminum sheet, vinyl panels or wood core sheets, none offers the weather resistance and light weight advantages of AlumaCorr. Constructed of a fluted or corrugated plastic core, having .013" thick prefinished aluminum faces.



Having an outdoor life expectancy of 10 years makes AlumaCorr an ideal panel for signs & display applications, unaffected by snow or water. Available in both 5mm and 10mm thicknesses the weight's ideal coming in at 18 lbs & 22lbs for 4' x 8' panels. For vinyl application all that is needed is to remove the poly masking, wipe the panel to remove any contaminants (never use strong solvents like lacquer thinner), and wipe dry. Sheets come trimmed on all 4 sides, ready for immediate use. Edge caps are available in both white & black in 96" lengths.

Aluminum Sheet

Available from stock in white baked enamel finish 2 sides with PE masking, in both .040 & .060 thicknesses. Sheet sizes from 6" x 24" too 48" x 120" including several popular precut sizes in stock. Custom cutting is also available.



Palight

PALIGHT is a lightweight, versatile, flexible, and durable foamed PVC sheet that is widely used in sign and display, as well as construction applications. PALIGHT exhibits the whitest available surface and was successfully tested by the majority of digital flatbed printer manufacturers. Printers and advertisers benefit from its constantly smooth and bright surface for producing high quality displays. PALIGHT is easily handled, cut and fabricated using conventional tools and equipment, and can be printed, painted or laminated.



- Bright white, smooth and uniform surface
- Wide range of standard and special designer colors
- Standard matte or gloss finishes

**** Custom cutting to size is also available. We have two computer controlled saws. Call us and let us quote your next cut job.**



High Density Polyurethane

New Sign•Foam4 with Microcell Technology

A dream to machine, ultra-smooth, fast finishing Discover Sign•Foam 4, the ultimate artist's sign board for dimensional signage and displays. Available in 15- and 18- lb. densities, this next-generation material provides the crisp, clean edges and detailed definition that you demand — plus so much more. Its advanced microcell technology produces an exceptionally fine, grain-free surface that minimizes sanding, and greatly reduces priming, painting and finishing time. Imagine, ultra-smooth painted finishes with fewer coats and less process labor.



Sign•Foam4's tough-yet-refined cell structure accommodates virtually any design you envision, whether milled by machine, carved by hand, or sandblasted. It's a superb board for CNC-matching finely detailed designs and lettering, and nearly invisible surface textures.

Sign-Prime premium multi-purpose primer

A water based high fill primer that can be rolled, brushed or sprayed on to Sign-Prime. Always sand the machine marks out of the sheet with a palm sander, then clean the surface thoroughly of dust and moisture before applying the primer. After the primer is dry, (approximately one hour), lightly sand the surface with 320 wet/ dry sandpaper with a palm sander. For most applications one coat is sufficient, but some may require a second coat. Allow to cure overnight before applying the top coat or stencil. Available in gallon pails.

Hi-Impact Polystyrene Sheet (HIPS)

Available in opaque white 48" x 96" in several thicknesses.

Can be used for models, prototypes, POP displays/signs and more. It's physical properties lend itself to drilling, painting, shearing, sawing, screen-printing and machining. Polystyrene is an excellent choice for vacuum forming, and has a maximum continuous service temp of 180 degrees. It meets FDA standards but is not UV stabilized for continuous exposure to sunlight or other UV sources.

Hartco Sandblast Stencil

The 400 Series is the most popular in the Hartco line of SandMaskresist. Designed to be versatile, 400 is a general purpose resist used on a wide variety of substrates making it an all around strong performing product. The superior vinyl formulation is thinner, easy to cut, and easy to weed, with a high degree of protection and blastability. The 400 series offers a wide array of sizes, two adhesives, and two liners. The 425 is suitable for hand cutting as well as computer cutting on friction feed plotters. This product is also available in a Gerber slot pattern and 1/2 inch on center for pin fed plotters. Available from stock in 15" and 25" widths x 10 yd rolls.

The 500 Series is the "work horse" of the Hartco SandMask resist line. Designed to hold up under the toughest blasting conditions, this resist still cuts cleanly by hand or computer. Using our most advanced, innovative vinyl formula to date, Hartco is able to offer a truly "Heavy Duty" (for use under intense blasting conditions for extended periods of time), but "user friendly" resist. The 500 Series offers many sizes, comes with two adhesives, and comes on a paper or plastic liner. Also available with 1/2" on center and Gerber Slot pattern. Available from stock in 25" width x 10 yd. roll.



Signabond Aluminum Composite Panels

Signabond is a very affordable composite sheet made of a solid polyethylene core with an aluminum skin on both sides. Available in both Signabond & Signabond Lite in both 3mm & 6mm thicknesses. The aluminum skin (Signabond Lite .008" Signabond .012") has an anti-corrosion primer with a 10 year warranty on the paint finish. The sheet also carries the same ten year warranty against delamination. It comes with a protective plastic mask on both sides to protect the finish during shipping and fabrication. Even though the sheet is thin (1/8" or 3mm) it's surprisingly rigid and extremely durable with a service temperature range of -58 F to 185 F. The sheet is easily fabricated and mounted using everyday power or hand tools. It's lightweight, weighing in at only 24# for a 4' x 8' panel. Signabond is well suited for vinyl graphic applications, UV printing, impervious to water and many chemicals and is available in several popular double-sided colors from stock. The metallic colored sheets have a brushed finish on one side and a metallic finish on the other side. Sheet sizes available from stock: 4' x 8', 4' x 10' & 5' x 10' in both 3mm & 6 mm thicknesses. White sheet has a 5 year warranty.



United Industries

Ultra Mount foam core panels

Ultra Mount is a lightweight structural panel made up of a rigid polystyrene foam core permanently faced on both sides with a poly coated Kraft paper. The surface laminate has been specially developed to provide a good surface for silk screen printing, painting, digital printing, photo mounting, and vinyl lettering. It's an excellent choice for interior signage, photo mounting exhibits and POP displays. Ultra Mount is not intended for exterior use because of extended exposure to moisture. Ultra Mount does a great job of resisting warpage in most applications. To insure that this will not be a problem, always treat both sides the same, i.e., not coating just one side or exposing one side to extreme moisture. Thicker panels will perform better against warping. Available from stock in a 4' x 8' sheet 3/16" thick in white only.

Ultra Board foam core panels

Ultra Board is a lightweight structural panel made up of a rigid polystyrene foam core permanently faced on both sides with a smooth, moisture resistant sheet of .015" polystyrene. The surface laminate has been specially developed to provide a good surface for silk screen printing, painting, digital printing, photo mounting, and vinyl lettering. It's an excellent choice for interior signage, photo mounting exhibits, POP displays and routed letters. It should be taken into consideration that UV light will cause degradation of the foam core, so if the board is exposed to UV light it would be advisable to coat the foam with a good quality, pigmented water based coating. Ultra Board can be cut with standard table saws using a fine tooth blade, and routs very well, using single or double fluted carbide, upward chip removal 3/16" dia. Cutters. Available from stock in both black and white, 3/16" & 1/2" thicknesses in 4' x 8' panels.



ABS Sheet

ABS sheet has high-impact strength with a textured hair-cell finish on one side, available in black. Great for appliance covers, crisper trays, instrument panels. ABS has high impact strength and is ideal for making prototypes. It can be sawed, routed, glued and heat formed.

**** Custom cutting to size is also available. We have two computer controlled saws. Call us and let us quote you on your next cut job.**

SHEET STOCK

Acrylic Sheet

PLASKOLITE

Extruded Acrylic Sheet

Extruded acrylic sheet is a continuously manufactured acrylic that is lightweight, rigid, and weather resistant. This sheet is dimensionally stable, has high optical characteristics, excellent thickness tolerance. Acrylic sheet is resistant to breakage (17 times greater than equal thicknesses of ordinary window glass), easily fabricated, sawed, painted, machined, cemented and heat formed.

These sheets are available in thicknesses from .060" to .500", and a wide array of sheet sizes and colors. When designing with acrylic sheet always take into account for expansion and contraction of the sheet which is usually greater than surrounding materials (3 to 8 times greater than glass or metals). These sheets are lightweight, weighing half the weight of glass and 43% that of aluminum. Although the sheet is rigid, it's not as rigid as glass or metals, consideration should be given to wind load on larger sheets, causing the sheet to foreshorten under load and result in possible failure. For short intermittent use acrylic sheet can withstand 190 F, but for continuous service temperature shouldn't exceed 160 F. Light transmittance is 92% in clear sheet and is warranted to not to yellow or lose more than 3% of its light transmitting ability in a

10 year period. Acrylic is a combustible thermoplastic. Precaution should be used to protect the sheet from flames or high heat sources.

This sheet is well suited for the following applications: displays, signs, picture framing, glazing and machine guards. Available with a polyethylene masking on 2 sides or a new innovative film that's called fab-mask. Fab-mask is a durable plastic film that doesn't use an adhesive; it works similarly to static cling. It's also got a non-slip characteristic that makes parts easy to stack.

Extruded acrylic sheet is also available in several patterns from stock.

Clear patterns include DP30 (FFX) and DP32 (FFV). Both are available in 4' x 8' sheets.

DP30 is a clear acrylic with a stipple or pebble pattern on one side, smooth on the other.

DP32 is also a clear acrylic with a hammered pattern, similar to a glass patio table-top.

Extruded Non-Glare Acrylic P-99

A continuously processed non-glare acrylic, with a matte finish on one side, ideal for glass replacement in framing applications, signage, screen printing and POP displays. Available in 4' x 8' sheets from stock, .060" & .118".

GP Cast Acrylic

Cell cast acrylic sheet exhibits very high molecular weight, excellent optical characteristics and low internal stress levels. This sheet is typically used in thick sheet applications where stress can be a problem, or where extruded sheet is not available. Cast sheet is easily routed by hand or with computer controlled equipment, vacuum formed or painted. Cast acrylic is also available in many translucent colors, used for backlit signage, such as channel letters. Cast acrylic shares approximately the same weathering, break resistance, clarity and ease of fabrication as extruded sheet.

Bullet Resistant acrylic is available in cast sheet in 1.25" thickness. This sheet meets the requirements of Underwriter Laboratories as a level 1 Bullet Resistant Glazing Material in accordance with UL 752.

Cast acrylic sheet is also available in several specialty sheet products,

OP-2 sheet is a weather able sheet that filters out 98% of damaging ultra violet rays. Ideal for museums or applications requiring protection from the damaging effects from UV.

OP-4 sheet transmits UV light, applications include tanning beds and glazing at zoos.





Acrylic Sheet

Acrylite AR

Acrylite AR is an abrasion and chemical resistant acrylic sheet offering excellent optics and high impact strength. It can be used for displays, glazing, picture framing and transportation applications. Acrylite AR uses a proprietary 3M 906 abrasion resistant coating available in 2 sided clear 4' x 8" sheets from stock. There are many specialty acrylic sheet products available by special order, but may be subject to minimum quantity requirements, please call for price and delivery.

Acrylite SG

Acrylite SG is a continuously manufactured acrylic sheet developed specifically for the sign industry. SG is available in clear, white and several popular translucent colors by special order. It combines excellent weatherability and light weight with ease of fabrication and greater impact strength than ordinary acrylic sheet. Cutting, routing, drilling and machining can all be performed on Acrylite SG with confidence. This sheet vacuum forms very well with the optimal forming window being between 270 F and 350 F. Shrinkage will occur in the machine direction of 1-3%, so clamping the sheet in a frame is recommended. Acrylite SG is easily solvent cemented as long as care is taken that the edge is properly machined and contains low stress. Acrylite SG is more rigid than other plastic sheets including polycarbonate and co-polyesters. Like other acrylic sheet products, Acrylite SG is a combustible thermoplastic. Precaution should be used to protect the sheet from flames or high heat sources.



Acrylite Resist (Acrylite Plus)

Acrylite Resist is an impact modified acrylic sheet intended for the POP display and store fixtures. Available in two formulations, Resist 65 and Resist 45. Resist 65 offers great impact resistance with terrific optics; Resist 45 has less impact resistance with the same great optics at a lower cost. These are available in clear and by special order, glass green.

Acrylic Mirror

Mirrorized acrylic sheet is available in two thicknesses .118" & .236" in a 49" x 97" sheet. Produced on an extruded acrylic sheet with a gray painted back, this mirrored sheet is easily fabricated just like standard acrylic sheet. Sawing, routing, laser cutting, drilling, bending and gluing are all easily accomplished with this sheet. It has the advantage of being a hi-impact mirror weighing half as much as the same thickness of glass.

ARISTECH Acrylic Sheet

Aristech GPA acrylic sheet is a general purpose acrylic that's available from stock in clear and white. It's a continuous cast sheet having a high molecular weight, which makes it a great choice for vacuum forming, routing and painting. The optimal forming temperature is 360 degrees F. Its resistance to impact is many times higher than that of glass the same thickness. The sheet is also clearer than glass, 92 % white light transmittance compared to 88% for ordinary glass of the same thickness. The overall coefficient of heat transmission of GPA is 1.04 compared to 1.25 for glass. This means that GPA insulates approximately 20% better than ordinary glass.

**** Custom cutting to size is also available. We have two computer controlled saws. Call us and let us quote you on your next cut job.**

PLASTIC SHEET

Polycarbonate Sheet

Sheffield
Plastics Inc.

Makrolon Polycarbonate Sheet

No glazing alternative can surpass MAKROLON® polycarbonate sheet for superior all-around performance. It's the right choice for almost any glazing application, offering the ideal combination of impact strength, cost effectiveness and energy efficiency.

MAKROLON® Features

- 200 times stronger than glass and 30 times stronger than acrylic sheet.
- Can be cut on site from flat sheet or cold-formed into curves that would be impossible to construct with laminated glass or acrylic.
- Lightweight (half the weight of glass), requires less structural support compared to all-glass systems, saving time and labor costs.
- Suitable for areas subject to high traffic, vandalism or burglary.
- Superior insulating material when compared to equivalent thicknesses of glass.
- Light and energy transmission – allows the transmittance of up to 90 percent of solar energy and 88 percent of visible light.
- Gray and bronze tints available to help control heat gain.
- Meets all standard architectural specifications and codes.
- Meets stringent state mandates for hurricane-resistant glazing materials.



Great applications include: transportation glazing, privacy glazing, machine -guards, signage, vandal resistant shields for changeable copy signs and anywhere a tough impact resistant sheet is needed. Fabrication is easy with Makrolon polycarbonate sheet. Cutting can be accomplished with hand-held and table saws, including circular saws, routers and band saws using standard blades designed for polycarbonate. Makrolon polycarbonate is a thermoformable thermoplastic, with a forming temperature of 340 F-380 F. But, the sheet will have to be pre-dried in a 250 F forced air oven for several hours depending on the thickness of the sheet (i.e. .118" thick sheet- 4 hours). Makrolon sheet can be bonded together using MDC (methylene dichloride). Apply MDC to surfaces to be bonded and hold parts under pressure until cured. Add 10% glacial acetic acid for best joint appearance. Makrolon has a very low burn rating (V0 on test sample of .236 thick clear sheet). Available in .060" thru .500" thick in various sheet sizes and bronze and gray solar tints.

Makrolon AR Abrasion Resistant Sheet

Makrolon AR polycarbonate sheet offers the dual protection you need to ensure long service life in demanding glazing applications. With high impact strength of polycarbonate sheet coupled with enhanced weatherability and superior abrasion resistance. The unique clear hard coat finish resists all types of abuse, from physical attack, to chemicals and spray paint.

Makrolon Hygard Security Glazing

Makrolon Hygard was developed to meet the need for high performance security glazing. Consisting of multiple layers of polycarbonate and acrylic with bonding interlayers, these tough yet lightweight materials offer proven resistance to both physical and ballistic attacks. Offered in six different levels of protection ranging from containment rated sheet to UL Level 3 bullet resistant material capable of withstanding multiple rounds fired from superpowered handguns. All Makrolon Hygard laminated sheet products feature hard coated surfaces for exceptional resistance to abrasion and UV degradation and are covered by a limited warranty against coating failure, excessive yellowing, and structural delaminating caused by manufacturing defects. Designed for security and detention centers, government facilities, and banks, Hygard is being used for applications like 24 hour gas stations and convenience stores as well as anywhere cash transactions take place.

Typical applications include: jails/prisons, psychiatric hospitals, government facilities, schools, drive-up windows, ticket booths and banks.

KING King Plastic Corporation

King ColorCore is a versatile, environmentally stabilized sheet with multiple layers of contrasting colors. Its thin cap layers and bright primary colors make it ideal for signage, marine, playground and recreational applications. For maximum versatility, standard colors are made to coordinate with King ColorBoard. The sheets are easy to engrave and machine, as the cap is approximately .050" of nominal thickness for high production speeds. Base materials are FDA approved as are most materials. King ColorCore is made with high-impact-resistant polymer to handle more abuse than conventional sign materials. King ColorCore is a superior homogeneous sheet, made with a unique state-of-the-art continuous process called PolyFusion, manufactured to the highest standards in the industry.

Applications

- Architectural Applications
- Carnival Games
- Children's Furniture
- Marine Applications
- Museums
- Picnic Tables
- Point-of-Purchase Displays
- Signage and Wayfinding

Standard Colors



PLASTICS SHEET

Pressure-Sensitive Vinyl Print Media

Orajet product # 3105HT is a 4 mill 5 yr. gloss white calendared PVC film featuring a high level of pigmentation for enhanced covering power, as well as specially formulated grey-pigmented adhesive with a high initial tack and final adhesion. Great for graphics on hard-to-stick, flat substrates such as low-energy plastics (polyethylene & polypropylene), and rough or textured surfaces. The product is available in a white gloss finish. Compatible with today's solvent and eco-solvent inkjet printers. Recommended for use with ORAGUARD® Series 215, 290 & 290F laminating films when a laminate is required.

Orajet product # 3164 is a 4 mill 4 yr. white vinyl, with a clear water based permanent adhesive. Great for use as short to medium term high volume graphics. Use either calendared or cast laminate with this media. Recommended for use with ORAGUARD® Series 200, 210 & 240 laminating films when a laminate is required.

Orajet product # 3165 RA is a 3.75 mill 5 yr. gloss white vinyl, with a grey pigmented adhesive incorporating Oracal's new Rapid Air technology. Great for use as medium term, easy to apply, flat panel applications. A real time saver that prints great with the highest white point. Use either calendared or cast laminate with this media. Recommended for use with ORAGUARD® Series 210, 215, & 240 laminating films when a laminate is required.

Orajet product # 3268 is a 6 mill matt white vinyl with a unique low tack adhesive that enables the printed graphic to be moved, and then re-applied multiple times without leaving an adhesive residue behind. It is compatible with most latex painted surfaces which make it ideal for contour-cut printed graphics, promotional campaigns and in home wall decorations. Designed for shorter-term interior wall graphics. Recommended for use with ORAGUARD® Series 200, 210 & 240 laminating films when a laminate is required.

Orajet product # 3551 RA is a 2.75 mill, 7 yr. calendared gloss white film with Oracal's new Rapid Air technology. It features an advanced air-release liner and repositionable adhesive that is removable up to 4 yrs. It's ideal for general signage and partial vehicle wraps over corrugations and flat surfaces with rivets. For vehicle wraps always use a cast laminate i.e., 290 ORAGUARD®. Recommended for use with ORAGUARD® Series 215, 240, 290, 290GF & 297F laminating films when a laminate is required.

Orajet product # 3620 is a 3 mill 4 yr. gloss clear vinyl, with a clear water based adhesive. Great for use as short to medium term interior or exterior applications requiring a clear media. Best for flat panel applications. Use either calendared or cast laminate with this media. Recommended for use with ORAGUARD® Series 200 or 210 laminating films when a laminate is required. Can also be used as an inexpensive laminate for short term use outside.

Orajet product # 3621 is a 3 mill white gloss 4 yr. vinyl with a removable, grey pigmented water-based adhesive. Great for short-term transit or billboard applications (flat surfaces only). Recommended for use with ORAGUARD® Series 200, 210 & 240 laminating films when a laminate is required.

Orajet product # 3628 is a 3 mill matt white vinyl with a unique low tack adhesive that makes it easy to remove from interior walls and glass. Designed for shorter-term interior wall murals and larger graphic. Recommended for use with ORAGUARD® Series 200, 210 & 240 laminating films when a laminate is required.



Orajel product # 3640 is a 3 mill 4yr. economy gloss white vinyl, with a clear water based adhesive. Great for use as short and medium- term indoor and outdoor displays. Recommended for use with ORAGUARD® Series 200, 210 & 240 laminating films when a laminate is required.

Orajel product # 3641 is a 3 mill 4yr. economy white vinyl, with a grey pigmented, permanent water based adhesive. Great for use as short and medium- term indoor and outdoor displays. Recommended for use with ORAGUARD® Series 200, 210 & 240 laminating films when a laminate is required.

Orajel product # 3651 is a 2.5 mill, 5 yr. gloss or matte white vinyl with a gray pigmented adhesive. Works great for brilliant medium term indoor and outdoor displays, our most popular media. Recommended for use with ORAGUARD® Series 210, 215 & 240 laminating films when a laminate is required.

Orajel product # 3751 RA Professional Wrapping Film with Rapid Air technology is a 2.25 mill cast 8 yr. white gloss vinyl featuring Oracal's advanced air release system for quicker, challenging applications where a very conformable film with a low initial tack is preferred. Great for applications with curves, corrugations and rivets. Recommended for use with ORAGUARD® Series 290, 290F & 293 laminating films when a laminate is required.

Orajel product # 3850 is a 3 mill semi-gloss, 7 yr. high-performance translucent vinyl with a clear permanent adhesive, created for both interior and exterior backlit signs and displays. Recommended for use with ORAGUARD® Series 200, 210, 290, 290GF, 293 & 297F laminating films when a laminate is required.

Avery MPI 1005 EZ RS Supercast Series, a premium gloss opaque vinyl designed for fleet marking and vehicle wraps featuring an air release adhesive and a very low initial tack. Provides excellent conformability to irregular surfaces such as compound curves and corrugations. The adhesive provides repositionability and slideability for exact positioning. Recommended laminates ORAGUARD® Series 290.

Banner Media

FDC series 7504 is a 13 oz. banner media designed for printing general purpose signage and display applications with a one year outdoor durability. It is a one side smooth, solvent/ eco-solvent printable, non-top coated media with a high white point that provides exceptional printing. It is tear and fire resistant, passing NFPA 701 fire resistant certification testing.

FDC series 7506 is a heavy weight 15 oz. PVC banner media designed for printing general purpose signage and display applications with a one year outdoor durability. It is a double sided super smooth, solvent/ eco-solvent printable, non-top coated media that includes a block out layer that provides opacity. It is tear and fire resistant, passing NFPA 701 fire resistant certification testing.

Window Perf

Orajel product # 3676 is a 4 mil, 3 year perforated window film. It's a 60/40 product meaning that you have 60% print area and 40% holes. Ideal for architectural projects, doors and applications requiring a more vivid print than with a 50/50 product. Recommended for use with ORAGUARD® Series 290GF laminating film when a laminate is required..

Universal's one-way window film is an 8 mill product with a clear permanent adhesive. It has 3 year durability, but printed durability depends on ink and laminate used. This product is a 50/50 pattern which means that 50% of the media has been removed with the holes.

SOLVENT MEDIA

Printable Reflective

Oralite 5600 Fleet Engineering Grade Reflective is a 7 year, 5 mill film that combines reflectivity, flexibility and removability. Ideal for use on compound curves, over rivets and corrugated surfaces. It meets ASTM 4956 for reflectivity and is solvent and thermal printable.

Universal's 7 year retro-reflective engineer grade film that meets or exceeds the requirements of Federal Standards. High visibility, and excellent weatherability (wet application is NOT recommended).

Roland® Certified Products

Roland's SGP3 is Roland's best selling solvent glossy paper. It's specially coated for solvent ink printing, 8 mill thick, has a great white point and gloss level at a very economical price. Perfect for posters, presentations and trade show graphics. Roland recommends a heat setting of 30-35 C for best results.

Roland's SGPA is an 8 mil glossy paper with an adhesive back is specially coated for eco-solvent ink printing. Solvent Glossy Paper is a cost effective solution that delivers excellent results, with great detail and color brilliance. It has a good white point and gloss level for a wide variety of indoor graphic applications. A heat assist of 30-35° C (86-95° F) is helpful with this product, but care should be taken not to heat the paper too aggressively.

Roland's PCM-HTM2 this new heat transfer appliqué material is an opaque white media designed to be printed with Eco Sol MAX inks and cut for heat application with light and dark garments, either cotton or cotton blend. Graphics are simply printed and cut right-reading, transferred onto the garment using HeatSoft™ PGM-PTM Polyester Transfer Mask. The finished result is a vibrant, colorfast appliqué with a soft hand. The garment can be washed with a mild soap and tumble dried on low setting. Designed for a warm to cool peel.

Roland's PGM-PTM is Roland's new polyester transfer mask. Designed to work with Roland's HTM2 printable heat transfer material. It's 3 mil thickness, 100% polyester film and low tack adhesive insures maximum stability of the graphic during the transfer process. Print your graphic and allow 30 minutes dry time for ink to dry completely, weed away excess material around graphic and apply the transfer mask. Do not overlap masking for best results, and press garment 12-15 seconds, allow to cool for 3-5 seconds. Remove the mask at a sharp angle and garment is ready to wear.

Roland's new ESM-WSC, this 7 mil white static cling is specifically formulated for eco-solvent ink printing. ESM-WSC is a self-clinging white film which requires no adhesive, applies quickly to glass and most smooth polished surfaces and is easily removed. Compatible with Eco-Sol MAX inks, the product is an excellent alternative to adhesive-backed and other less capable static cling products..

Roland's new ESM-CSC, this 7 mil clear static cling is specifically formulated for eco-solvent ink printing. ESM-CSC is a self-clinging clear film which requires no adhesive, applies quickly to glass and most smooth polished surfaces and is easily removed. Compatible with Eco-Sol MAX inks, the product is an excellent alternative to adhesive-backed and other less capable static cling products.

Roland® Ink

Roland Eco-Sol Max Ink 220 ml cartridges. Available in process yellow, cyan, magenta, black, light cyan, light magenta, silver metallic & white (silver metallic & white are only available in 220 ml).

Roland Eco-Sol Max 2 Ink 440 ml cartridges. These are to be used in the VSi, XR & XF series Roland printers only. Available in process yellow, cyan, magenta, black, light cyan, light magenta, light black, silver metallic & white (metallic, white & cleaning cartridges are only available in 220 ml size).

Laminates

Oraguard product # 200 is a 2.5 mill economy clear over-laminate, with a water-based adhesive. It offers an UV extension factor of 1 yr, constructed for inexpensive protection of large format digital prints in indoor or short term outdoor applications. Available in gloss, semi-gloss (luster) & matte.

Oraguard product # 210 is a 2.5 mill clear gloss or matt over-laminate. It offers an UV extension factor of 2 yrs, engineered for large format digital prints in medium term indoor and outdoor applications.

Oraguard product # 215 is a 2.75 mill clear gloss over-laminate. It offers an UV extension factor of 3 yrs, engineered for large format digital prints in medium to long-term applications.

Oraguard product # 290 is a 2 mill cast clear gloss over-laminate with the best conformability available. It offers a UV extension factor of 4 yrs. Great for vehicle graphics, fleet graphics and longer term displays.

Oraguard product # 290GF is a 2 mill cast clear gloss over-laminate that has an optically clear adhesive that's especially important when laminating window graphic film, with the best conformability available. It offers a UV extension factor of 4 yrs. Great for vehicle graphics, fleet graphics and longer term displays.

API house brand laminate, 3 mill gloss clear laminate with an acrylic adhesive. Ideal for medium-term signage, POP displays, posters & prints. Recommended for use with calendered media.

API house brand dry erase laminate, 2 mill gloss, clear polypropylene film with an acrylic adhesive. Works well for short term dry erase applications, including: write/erase planners, maps, displays and reusable boards.

Floor Laminates

Oraguard 250AS Skid resistant PVC laminating film, a 4.75 mil thick textured floor laminate with a 3 month outdoor life with a clear solvent-based adhesive. Meets the standards of ASTM D2047 & BAM StVo 35 d3. Available in 36", 40", 50" & 54' width rolls 50 yds. long.

Oraguard 255AS Skid resistant PVC laminating film, a 6.5 mil thick textured floor laminate exposed to very heavy loads, with a 6 month outdoor life with a clear solvent-based adhesive. Meets the standards of ASTM D2047 & BAM StVo 35 d3. Available in 36", 40", 50" & 54' width rolls 50 yds. long.

Kraft Paper

50# brown paper with a 3" core. Great for patterns, wrapping and as a "sled" for laminating.



LAMINATES



Vinyl

Oracal 651 Intermediate Cal

Thanks to its proprietary formulation and construction, Oracal Series 651 has become the industry standard for high performance calendared films. With a thickness of only 2.5 mils, 651 Oracal offers 6 year outdoor durability (metallic colors 4 years) flexibility, thermal print compatibility and a choice of 62 high gloss colors. Great for medium-term outdoor applications. You'll find Oracal 651 a more opaque film than most others, which means you won't get the annoying color shift when overlaying light colors over dark. Oracal 651 features a permanent solvent-polyacrylate adhesive and is thermal printable (except metallics). Another feature of 651 is the unique blue liner on all the white film, that enhances weed-ability. Our best seller! Available in 15" punched, 20", 24", 30" and 48" wide rolls from stock in 50 yard lengths. *Most of the popular colors and roll sizes are available from stock, others can easily be ordered by special order.

Oracal 751 High Performance Cast

A value packed 8 year (black & white, 7 year colors, 5 year metallics) cast film offers impressive cutting and weeding properties as well as minimal shrinkage for durable, dimensionally stable applications such as fleet graphics, architectural signage, and vehicle lettering. It applies well to irregular surfaces, being very conformable, including corrugations and rivets. Available in 81 colors that with the exception of metallic is thermal printable. Another feature of 751 is the unique blue liner on all the white film, that enhances weed-ability. Available in 15" punched, 24" and 30", in both 10 and 50 yard lengths from stock. *Most of the popular colors and roll sizes are available from stock, others can easily be ordered by special order.

Oracal 951 Premium Cast

Our highest performing, premium cast vinyl film has been specially designed to produce permanent graphics for use in nearly any commercial or industrial situation, including highly conformable vehicle graphics. ORACAL 951 offers easy cutting and weeding properties as well as minimal shrinkage for permanent, durable, dimensionally stable graphics that can withstand severe weather and handling conditions. Thermal print compatible. Available in 97 ultra-glossy colors.

Oracal 641 Economy Cal

This high-gloss calendared 5-year PVC film is a cost-effective alternative for shorter-term applications. Featuring a water-based, permanent adhesive, this film displays excellent cutting and weeding properties and the lowest shrinkage of any economy film. ORACAL 641 is a good choice for banners, directional signage, POP displays, window graphics and other indoor and outdoor general signage. It is not recommended for vehicle applications. Available in 60 vibrant colors.

Oracal 341 Promotion Cal

Our most economical opaque marking film, ORACAL 341 is a soft PVC 3 mil, 3-year film with a gloss surface. A great choice for banner, yard signs and other shorter-term applications. Available in 21 high-demand colors and transparent.

Oracal 631 Exhibition Cal is a 3mil, matte, 3-year exhibition grade calendared PVC film with a residue-free adhesive, removable for up to 2 years. Ideal for painted interior wall graphics and lettering. Formulated for short to medium term indoor & outdoor applications, including display, trade show and point of sale signage. Available in 62 colors, thermal print compatible.

***Need a color chart on any of these Oracal products?
Visit www.oracal.com or contact your nearest
branch to request a color chart.***

VINYL





Vinyl

Oralite 5600 Fleet Engineering Grade Reflective

A flexible, printable, 7 year, engineer grade reflective film that's the perfect choice for emergency vehicle lettering and graphics or anywhere applications call for a durable, conformable and removable (with heat) reflective. Oralite 5600 is solvent and thermal printable for endless design possibilities. This product offers excellent corrosion and solvent resistance. Works exceptional well over corrugations, rivets and around curves. Available from stock in white, but by special order in 14 colors.

Oracal 8500 Translucent High Performance

This high performance calendered film features the lowest shrinkage of any translucent film. ORACAL 8500 has been especially designed for producing high-quality signs, backlit acrylic, glass surfaces and translucent banners. Available in 55 satin-finish colors (custom colors also available).

Oracal 6510 Fluorescent Cast Film

Designed to produce eye-catching graphics 1 year (6 months on orange & pink) high gloss fluorescent cast film that features high visibility in normal and low-light conditions. Ideal for short-term outdoor applications, race cars and all types of graphics that demand high visibility. Can be used for screen printing and is thermal printable too. Available from stock in 15" & 24" widths in 10 yd lengths. *Other sizes are available by special order.

Oramask 811 Stamark Paint Mask Stencil Film

A 3-mil, white PVC film designed for use as a stencil, 811 has low-tack water based adhesive. Works best on smooth, flat, rigid substrates. Oramask 811 is recommended for water based paints. Available from stock in 15" punched rolls. *Other sizes are available by special order.

Oramask 813 Visalux Paint Mask Stencil Film

This rigid, transparent blue PVC has been specially formulated for stencil applications, featuring a low-tack, water based adhesive. Especially well suited for smooth, flat, rigid substrates where background visibility is important.

Oracal 383 Ultraleaf Cast Film

A unique 5 year 3.5 ml durable cast film that is a cost effective alternative to 24-carat gold or silver leaf. Oracal 383 is thermal printable and has a three dimensional visual texture. This product is ideal for lettering, vehicle graphics, window signs and any application requiring longer-term outdoor durable signs. Oracal 383 Oracal features a permanent solvent-polyacrylate adhesive. Available in gold and silver from stock.

Oracal 351 Metallized Polyester Film

A thin (1 mil) polyester film that is ideal for the decoration of transparent substrates, applications including decorative labels, name plates, safety stickers as well as CAS cut letters and graphics. Available in chrome (2 year outside durability), and gold (1 year outdoor durability). This product is compatible with thermal transfer printing. 351 Oracal features a permanent solvent-polyacrylate adhesive. Also available in a matte chrome and a double-sided gold by special order.

Oracal 8810 Frosted Glass Cast

Create a sparkling glass effect or the impression of etched, cut or sandblasted glass with ORACAL Series 8810 Frosted Glass Film. Available in five shimmering colors; silver grey, gold, mint, light blue and soft pink. This long-lasting film is an excellent choice for the decorative design of shop windows, glass doors and glass-like surfaces.



Fdc Vinyl

FDC series 4725 Intermediate Vinyl Film

This is a premium 6-year calendared vinyl that is ideal for general purpose signage. This can also be used for banners, window lettering, show cards and exhibit displays. 3.2 mill thickness, semi-gloss with a clear permanent adhesive. Conforms to simple curves and flat surfaces and is good for wet application, minimum application temperature is 50 F. To order punched material, use part number 4775.

FDC series 2100 Premium High Performance Vinyl Film

This vinyl also has superior cutting and weeding properties and outstanding outdoor durability. Perfect for permanent graphics, striping, marine applications, vehicle graphics and awnings. A cast 2 mill film with a 9 year life outdoors for opaque colors and 6 years on metallics. Works well on flat and simple curves as well as over rivets and corrugations. This product has a clear permanent adhesive. Thermal printable, and has a minimum application temp of 45F.

* FDC offers many specialty films for many applications including 3M products. All can be easily special ordered and shipped from South Bend, IN. FDC also offers custom stripping both premasked or not – call for quote.



Specialty Vinyl

SignGold

SignGold is an actual 22 karat gold film that's designed for exterior use (warranted for 12 years) to create beautiful genuine gold lettering for boats, vehicles, fire trucks and window lettering. The film is thin measuring 1 mil thick, so cutting weeding and application are virtually the same as working with other high performance films. SignGold's durable Tedlar (PVF) film is UV, graffiti, solvent, stain and saltwater resistant. SignGold does recommend edge sealing for longer life. Available 15" x 2 yd rolls from stock in 3 different versions. Also available in a solvent printable version by special order.



We have a full line of squeegees and knives for vinyl installation. See page 28 and 29 of this catalog for details.

VINYL

universal **PRODUCTS** Vinyl

Metallized

A metallized specialty vinyl film exceptionally suited for general purpose signage applications. Conformability: Flat surfaces. Printability: Screenprint, thermal transfer, solvent based inkjet, and hot foil stamp devices. Film: 3.0-mil metallized vinyl with clear, acrylic, permanent, pressure-sensitive adhesive. Liner: 78# white kraft. Exterior Durability: 5 years.*

Premium Cast Graphic Films

Opaque, Clear, Matte—A high performance cast PVC film with a permanent, acrylic, pressure-sensitive adhesive. Designed for superior quality exterior graphics for the automotive, signage, and commercial industries. Conformability: Rivets, corrugations, compound curves. Printability: Screenprint, thermal transfer. Film: 2.0-mil premium cast vinyl with clear, acrylic, permanent, pressure-sensitive adhesive. Liner: 78# white kraft. Exterior Durability: 7 years.*

Reflective

A retroreflective engineering grade film which meets or exceeds the applicable requirements of Federal Standards. Designed for high visibility and weatherability (wet application not recommended). Conformability: Flat surfaces. Printability: Screenprint, solvent printable, thermal transfer. Film: 7-mil retroreflective vinyl, with permanent, opaque, acrylic, pressure-sensitive adhesive. Liner: 78# white kraft. Exterior Durability: 7 years.*



*Need a color chart
on any of these vinyl
products?
Contact your nearest
branch to request a
color chart.*



VINYL



Banner

This product makes keeping inventory of various sizes of pre-hemmed banners on hand a thing of the past! Bandanna Banners come pre hemmed and pre-grommetted every 24" in a 24 yd roll. Thermo welded hems on top and bottom allow for full use without having to lay vinyl over sewn hems. Grommets are spaced 3" apart, so that all that's necessary is cutting between the grommets and you're ready to start laying the vinyl graphics no matter the length. Stocked in white 14 oz weight full rolls. *available by special order in red, yellow, blue, black and green.



series 7504 is a banner media designed for printing general purpose signage and display applications with a one year outdoor durability. It is a one side smooth, solvent/ eco-solvent printable, non-top coated media with a high white point that provides exceptional printing. It is tear and fire resistant, passing NFPA 701 fire resistant certification testing. 30", 38", 54" & 64"



series 7506 is a heavy weight 15 oz. PVC banner media designed for printing general purpose signage and display applications with a one year outdoor durability. It is a double sided super smooth, solvent/ eco-solvent printable, non-top coated media that includes a block out layer that provides opacity. It is tear and fire resistant, passing NFPA 701 fire resistant certification testing. 38" & 54" widths.



Banner Hem Tape

Orafol #1397TM-1 banner hem tape A high performance double sided adhesive in both 1" / 1/5" widths, great for hemming printed banners, POP displays, outdoor signs, Coro signs, foam board, acrylic & polycarbonate. 8.5 mil thickness, in a 55 yd. roll.

Hiker grommet press with Die

A cast iron press with an adjustable die height. When grommetting sheet materials (PVC, Signabond or corrugated plastic sheet) simply adjust the die height to match the thickness of the material you need to grommet. Comes with a painted wooden base and also comes with 500 pairs of # 2 (3/8" dia) brass long barrel and nickel plated grommets. Other sizes of dies & grommets (sizes and colors) are available by special order.

Grommets

#2 Brass, 3/8" ID grommets available in bag of 500 pair. Also available in nickle, black, white as well as a styles by special order.



Ascent Series 1x3

The 1X2 Ascent Modules are designed for shallow depth channel letters, sign cabinets, architectural cove and accent lighting

Features:

- 3 modules per ft, 10 ft per box to minimize cost
- Low profile – 1.38 x .7 x .19
- Includes mechanical fasteners for secure installation
- Able to power 60 feet on 12 volt 60 watt power supply
- Best for channel letters up to 5” in depth



Ascent Series 2x3

The 2X2 Ascent Modules are designed for shallow depth channel letters, sign cabinets, architectural cove and accent lighting

Features:

- 3 modules per ft, 10 ft per box to minimize cost
- Low profile – 1.38 x 1.38 x .19
- Includes mechanical fasteners for secure installation
- Able to power 30 feet on 12 volt 60 watt power supply
- Best for channel letters up to 8” in depth



SideView™ 2x3 LED Sign Module

SideView™ is for the shallow depth channel letters, sign cabinets and many shallow back light applications as well as lighting Day/Night acrylic.

Features:

- 3 modules per ft, 20 ft per box to minimize cost
- Low profile – under 1/4 inch
- 3M VHB double faced tape
- Includes mechanical fasteners for secure installation
- Able to power 46 feet on 12 volt 60 watt power supply
- Up to 2” Depths

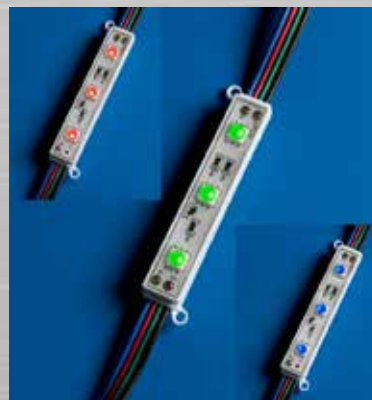


“RGB” 1x3 LED Sign Module

The RGB sign modules are designed for use on on architectural accent and cove lighting, channel letter and internal illuminated sign cabinets.

Features:

- 2 modules per ft, 15 ft per strip
- Includes mechanical fasteners for secure installation
- Able to power 25 feet on 12 volt 60 watt power supply



LEDs

Summit Series 1x2

The 1X2 Summit Modules are designed for channel letters, sign cabinet retro fits and internally illuminated sign cabinets, and architectural signage.

Features:

- 2 modules per ft, 25 ft per box to minimize cost
- Profile – 2" x .6 x .314
- Includes mechanical fasteners for secure installation
- Able to power 60 feet on 12 volt 60 watt power supply
- .48 Watts per module
- Best for channel letters up to 5" in depth



Summit Series 2x2

The 2X2 Summit Modules are designed for channel letters, sign cabinet retro fits and internally illuminated sign cabinets, and architectural signage.

Features:

- 2 modules per ft, 25 ft per box to minimize cost
- Profile – 1.75 x 1.5 x .314
- Includes mechanical fasteners for secure installation
- Able to power 30 feet on 12 volt 60 watt power supply
- .96 Watts per module
- Best for channel letters up to 10" in depth

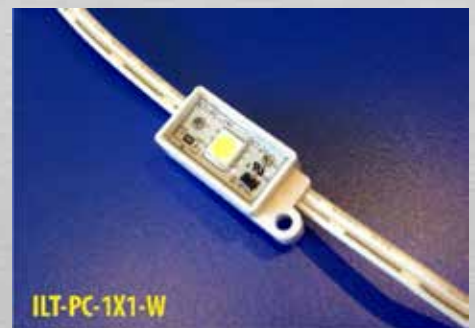


Summit 1x1 MINI LED

The 1X1 Summit Mini LEDs are designed for Face and Halo channel letters, sign cabinet retro fits and internally illuminated sign cabinets, and architectural signage.

Features:

- 4 modules per ft, 15 ft per strip.
- Includes mechanical fasteners for secure installation
- Low power draw, 60 ft of modules on a 12 volt 60 watt power supply
- Controlled color consistency
- Constant Current Technology on the board



LED RGB Programmable Controller.

16 modes, Remote Control Up to 100 FT. Smooth Changing Effect Without Flicker. Easy Hook Up., 12 volts dc in RGB and common output. Use multiple units with different remotes to make signage beyond your imagination.

LED RGB Amplifier

A 12 volt, 10 amp, LED RGB Signal Amplifier is necessary for every additional 5-10 meters of RGB LED strip flexible lighting. The RGB Amplifier is used to increase load capability for the wireless RGB Controller, and to avoid color difference between the start and end of strip.

ILT Signage Retrofit System Components

Sign Rail

Part Number – ILT-RAIL-96

Description – 96” long RAIL for Summit 2x2 LED Sign Modules; Sold in Boxes of 25 per Box



Mounting Bracket

Part Number – SHM30508P1

Description – Right Angle Mounting Bracket for Sign Rail; Sold per Bracket



Summit LED Sign Modules

Part Number – ILT-PC-2X2-W (White) or ILT-PC-2X2-R (Red)

Description – Summit LED Sign Modules, 4 LEDs per Module, 2 Modules per Foot, 50 Modules per Box; Sold per Box



Power Supplies

- 60 watt, 12 volt
 - IP66 rated
 - 5 year warranty
 - Universal AC input/Full range (up to 295VAC)
 - Output voltage and constant current level adjustable (100-277VAC)
- 60 watt, 12 volt
 - IP67 rated
 - Class 2 power unit
 - 2 year warranty
 - Universal AC input/Full range (up to 264VAC)

LEDSS

“K2” Summit Series

The New K2 Summit Series is the one module for all applications: Shallow Sign cabinets up to 3” from the face. K2 TurnLoc mounting system simply insert the pin into the K2 RAIL and turn it 90 degrees, locking into place. The K2 is excellent for shallow channel letters as well as wide stroked channel letters, it is truly one module that can do it all!

Features:

- K2 TurnLoc Mounting System
- 3, 3030 SMD LED's per module.
- 164.7 Degree beam angle
- 2 modules per ft, 25 ft per strip.
- 3M VHB double faced tape plus Mechanical Fasteners.
- Low power draw, 30 ft of modules on a 12 volt 60 watt power supply.
- Lumen out-put for White-190-210 lm per foot
- Controlled color consistence, 6500K color temperature.
- Constant Current Technology on the board.
- NEMA 6-6p or IP67 Rated.

Installing the K2 Module onto the K2 Aluminum Rail



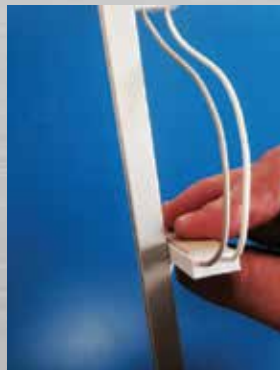
TurnLoc Pin on Module



Align Turnloc Pin & insert into K2 Rail



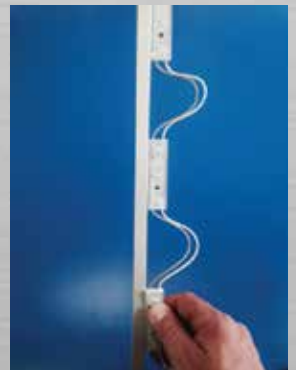
Push Turnloc Pin completely into K2 Rail



Start to turn K2 Module



Continue to turn K2 Module



K2 Module Locks into place
Continue that process for
the rest of the modules

QHF™ Specialty Paints & Products For Sign • Branding • Re-Imaging

QHF, a trusted name for over 39 years, is a full service manufacturer & distributor of specialty coatings and related products servicing the branding and re-imaging markets. All of the products offered through QHF are high performance and extremely durable. QHF has evolved to become a progressive leader in our industry. Through the Q-Line family of products, QHF is "Leading the Way" by providing affordable, environmentally friendly specialty coatings. Our eco-friendly line of products is just one of our contributions to making our planet a more colorful, greener place to live.

Special Services & Capabilities

- Custom Color Matching
- Same Day Shipping
- Large Selection Of Products
- On Site Training
- Warranted Products
- Small Batch Orders
- Facility Assessment
- Color Documentation
- Prototyping
- Special Product Development
- Value Engineering



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PAINT

The Q-Line Family of Products

Q-COAT UC™

Q-COAT UC™ is a high performance 2-component acrylic — polyester polyurethane coating specifically formulated for metal surfaces and many plastic surfaces. Q-COAT UC™ is formulated with the highest performance acrylic resins, polyester resins, pigments, additives and solvents to assure the most durable and affordable product available to the industry. Q-COAT UC™ is an Environmentally friendly product that is low in HAP's — hazardous air pollutants and low in VOC's — volatile organic compounds.

Q-COAT TC™

Q-COAT TC™ is a transparent coating used in the manufacture of plastic backlit signage. Q-COAT TC™ is a combination of high performance acrylic resins, pigments, special solvents and additives to assure maximum non-mottling spray application and long-term product performance. Q-COAT TC™ is available in conventional VOC or Environmentally Friendly formulations that are low in HAP's — hazardous air pollutants and low in VOC — volatile organic compounds.

Q-COAT DC™

Q-COAT DC™ Display Coating is designed to meet the requirements of painting solvent sensitive foams, plastics and rigid PVC type materials. Q-COAT DC™ provides fast air-dry times, ease of spray application along with mar and scratch resistance.

Q-COAT AC™

Q-COAT AC™ is a one-component fast air dry coating. This product is ideal for touch up kits (no pot life issues) and repainting metal signage in the field by brush and roll application to avoid over spray problems on surrounding surfaces and properties.

Q-CROM™

Q-CROM™ products allow the spray application of chrome like appearance coatings for backlit plastic translucent or first surface opaque applications. When compared to conventional vacuum metalized procedures, these products are much more affordable and provide long color durability.

Q-MASK™

Q-MASK™ products offer a variety of water-based strippable maskings. Applications include the decoration of plastic signage, spray booth wall protection and spray booth lighting lens protection. Q-MASK™ products are 0% VOC's and 0% in HAPS — hazardous air pollutants.

Q-PRIM™

Q-PRIM™ Primers consist of several primer systems for application on aluminum, steel, plastics, fiberglass, vinyls and other difficult to paint surfaces. Low in VOC's and HAPS these primers meet the needs of today's industry.

Q-SOLV™

Q-SOLV™ Specialty reducers provide a wide range of choices based on temperature, relative humidity and job size. Our Q-SOLV™ line also includes a full line of pre-cleaners in solvent or water-based options for lowering VOC and carbon footprint emissions.

Magnum Magnetics Magnetic Sheeting

The Force in Flexible Magnetics.

Magnum flexible magnetic sheeting is a thermoplastic, permanent magnetic sheet with high intensity, multi-pole magnetic arrangement that produces superior holding power on most metallic surfaces. Available from stock in industry standard size rolls that measure 24.375" wide by 50' long. It performs well in adverse weather conditions and temperatures ranging from -15F to 160F. This product is ideal for applications such as automotive signage, die cut magnets, screen printing and hot stamping.

Cautions when using magnetic sheet:

- Store rolls on end to avoid developing flat spots.
- Before affixing magnetic sheet to a metal surface, be sure all surface paints & clear coats are cured.
- Clean the metallic surface and magnet with a mild detergent, then wipe with a soft cloth or allow to air dry.
- Only affix to flat or gently curved metal surfaces.
- Make sure the magnet is flat against the metal surface (not over trim, molding or pin stripes) or concave areas.
- Magnet should be at room temperature before installation to achieve best results.
- Be aware that long term use on surfaces that are frequently exposed to sunlight (such as vehicles) can result in uneven fading of the paint, because the magnet is protecting the area under it from UV rays.
- It's recommended that the corners be rounded on vehicle signage applications.
- Do not use on non-metallic body fillers, simulated wood grain siding and repainted surfaces.
- To guard against moisture and dirt build-up between the magnet and the metal surface, remove the magnet and clean it and the surface daily with a mild detergent and water; wipe dry with a soft cloth or allow to air dry.
- After waxing a vehicle, allow two days for wax to cure before applying the magnets.



Changeable Letters

Silk screened on .060 thick high impact clear modified acrylic, our letters come in 5 different sizes to accommodate most of your applications. They come in a standard font with black bold letters, red numbers and punctuation marks. Size: 4 on 4 1/2, 4 on 5, 6 on 7, 8 on 9, and 8 on 10.



High Impact Clear Letter Track

Extruded from clear high impact acrylic for long life and durability. Top, middle & bottom in nominal 8' lengths. Can be pop riveted or solvent cemented to most plastic sign faces.

Changer Arms

Our changer arms feature an Alumiglass® telescoping pole, constructed of a fiberglass handle with an aluminum extension. A 4" dia. cup is included with each pole. Available in 6'-18' lengths. Extra 4" cups are also available from stock.



V-3 white Sta-Tuf Corrugated Sheets

This material provides extra high impact resistance, over 10 times tougher than conventional acrylic sheet with outstanding weather ability. Easy to fabricate using standard power equipment. Glue using solvent type adhesives (Weld-on #3 or #16).

Available from stock in 48" x 96", with the corrugation running the 48" direction.

ACCESSORIES

Steel Sign Frames

3/8" diameter round rod frames are available to accommodate an 18" x 24" blank. They will work well with aluminum, PVC, corrugated plastic or steel blanks. Typical applications include real estate, job site and temporary signage; they're easily pushed into the ground with just pressure from your foot. Available in black.

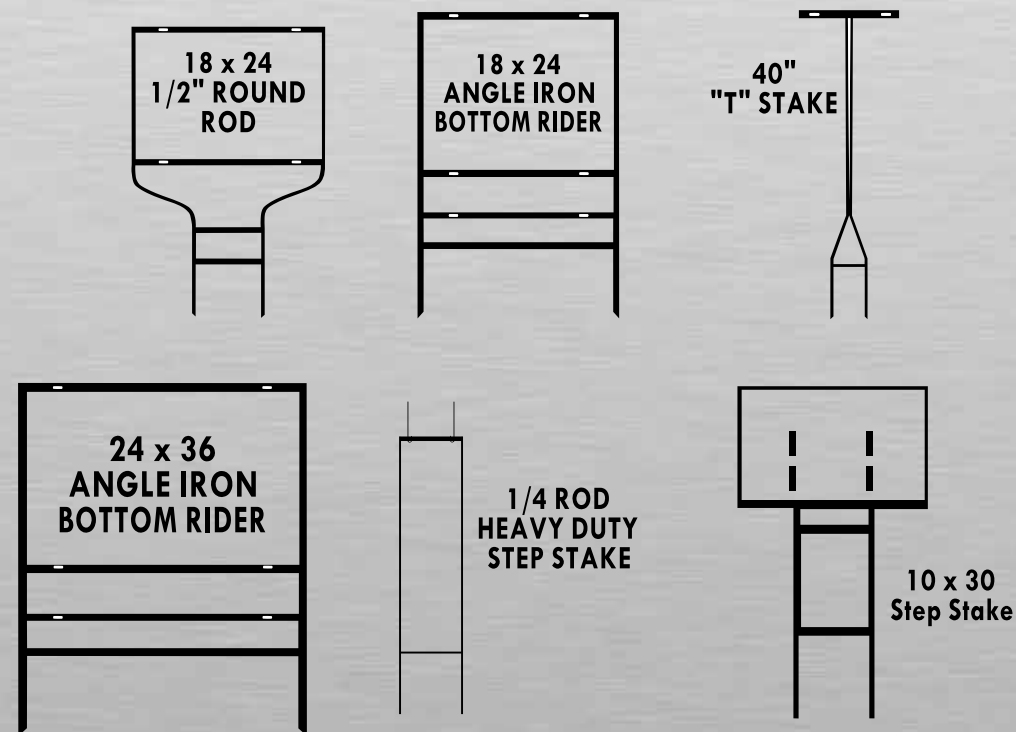
3/4" angle iron frames will accommodate both 18" x 24", 24" x 24" & 24" x 36" blanks & include a rider on bottom. They will work well with aluminum, PVC, corrugated plastic or steel blanks. Typical applications include real estate, job site and temporary signage. This design allows for the frame to be hammered into hard ground with out damaging the frame. Rider sizes are 6" x 24" & 6" x 36", available in black.

Heavy Duty Corrugated plastic stand is made as an option for corro signs that need a heavy duty stand. They will easily accommodate an 18" x 24" blank, and easily push into the ground compared to lightweight stands. Available in black.

3/8" diameter "T" stakes are intended for tent type signs, or lightweight blanks fastened to the stand by screws & nuts or nylon wire ties. Available in black.

Step Stakes

Step Stakes provide a durable, attractive & economical means of mounting outdoor 4 mm thick corrugated signs. They fit into the flutes and can be easily installed in moments, then placed into the ground. Dimensions are 10" x 30", made of 9 gauge galvanized steel and recommended for signs up to 24" x 18". Great for use in real estate signs, way-finding signs and inexpensive exterior signs. They come packaged 50 per carton.





Wagner Zip-Change

Jewelite Trim

Jewelite trim is a metal foil laminated in pigmented UV stable butyrate coating that's used to wrap letter faces for channel letters. Just glue, using a solvent adhesive, to the cut acrylic letter face. Available from stock in 1" wide reels 150' long in the following colors:

 Black	 Burgundy	 Metallic Silver
 Blue(Solid)	 Chrome	 Orange
 Intense Blue	 Gold	 Teal
 Brown	 Green (Solid)	 True Red
 Bronze	 Hunter Green	 White
 Bronze 313	 Ivory	 Yellow
 Brushed Chrome		



Thermal Transfer Ribbon

ZeroNine is a leader in the world of thermal transfer ribbons. With over twenty years of supplying high quality, low cost innovative products to the sign industry. ZeroNine offers spot, process, neon and special use foils. The foil is durability proven; UV tested and outdoor rated for 3 to 5 years (with some exceptions). ZeroNine foils are available to load into your existing edge cartridges with only slight modifications, or purchase the ZeroNine reloadable Shuttle Cartridges. Zeronine foils represent the best value in the industry when it comes to thermal printing.

NexGen's new chemistry makes it abrasion resistant, UV resistant, better transfer at high speeds, improved resolution and compatibility with more substrates than ever before.

Typical savings compared to OEM foils is 35% less. So the savings to you and significant. All that's usually required to do is to lower the print head temperature since ZeroNine foil is slightly thinner than most OEM foils.

Printed graphics should cure a minimum of twenty minutes prior to application.

We stock a large number of colors including specialty foils in both 50 yd. and 100 yd rolls lengths. Colors not in stock can be special ordered with a quick turnaround time.



ACCESSORIES



MAIN TAPE
COMPANY, INC.

Application Tape

Main Tape's GXP-775 Perfect Tear Plus

Main Tape's GXP-775 Perfect Tear Plus application tape is a high tack paper tape that takes all the hassles out of using transfer tape. This tape tears cleanly with no adhesive stringy legging, cleanly slit edges with no glue balls and superior performance in wet applications. In addition to these features it also will stick to silicone treated liners and has improved adhesive stability for long-term storage of graphics. Available in several popular factory pre-cut sizes from inventory. A premium product at a value price.



Application Tape

R Tape 4075 Conform Series with RLA Application Tape

The most popular choice for most sign shop applications. A high-tack paper tape that is great for small, medium and large computer-cut graphics. Works well for wet applications too. 4075 RLA conform series offers the advantages of a tape that will stick to the silicone treated liner, resist wrinkles when rolling taped graphics for shipment, stacked graphics won't "dog-ear" and stick together, factory cut rolls and it tears cleanly. Available in the industries most popular sizes.



R Tape Clear Choice AT-60

AT-60 Clear Choice is a medium tack, clear matte finish polypropylene that is very low stretch, resists curling, is easy to unwind and has very high clarity. Great when

you need to achieve accurate graphic placement on multi-layered graphics. Not for wet applications.



Wall Mount Vinyl Rack

Chrome plated wall rack holds 16 rolls of vinyl on 3" core without taking up valuable floor space. It's durable enough to hold 16 rolls of 30" x 50 yd. vinyl. Comes with mounting clips that allow for alignment with wall studs.

20 # Bond/ Pounce Paper

A white 20# paper that can be used for patterns, drawing and pouncing. Available in 15" & 30" widths.

Cutting Tools

OLFA Olfa Cutting Knives and Blades

Deluxe Stainless Steel Precision Knife SVR-2 Snap off blade knife features built in pocket clip & blade snapper.

Stainless steel 10/ pack blades for knife above. AB-50S

No. 1 Hobby Knife with no. 11 blade

Aluminum handle knife comes with standard no.11 blade and safety cap.

No. 11 hobby Knife Blades

100 count box of #11 blades for hobby knife above.

Plotter Blades

SC1300 Carbide Series - Substitute for Roland PRC 145-0 blades. Available in 45° & 60°.

SC1400 Carbide Series - Substitute for Ioline PN 103233. Available in 45° & 60°.

SC1900 Carbide Series - Similar to CB-09U blade offered by American Graphtec.

Available in 45° & 60°.

SC2000 Carbide Series - Best results on 2-4 mil material thicknesses, with .25 - .30 offset setting. Available in 45° & 60°.

SC2700 Carbide Series - Substitute for Gerber P44985B blades. Available in 42° & 60°.

SC2945 Carbide Series - Substitute for Roland ZEC-U1001 blade. Available in 45°.

SC3200 Carbide Series - Substitute for American Graphtec CB-15U blade. Designed for thick materials. Available in 60°.

Plotter blade-holders available from stock:

Graphtec blade-holders Blue-tip(09U) uses SC1945- blade and holder intended for cutting standard vinyl films.

Graphtec blade-holders Red-tip(15U) uses SC3260- blade and holder intended for heavy duty use, sandblast stencil, reflective etc.

Roland standard blade-holder uses SC1345 or SC2945 for small characters. Also fits many other than Roland plotters.



Belin.Y Router Bits

Manufactured from solid ultra grain carbide by one of the worlds leaders in cutting tools. These cutters with their proprietary design cut longer and reduce secondary finishing, all with, in many applications an increased feed rate too. 13000 series single flute solid carbide for cutting wood, plastics, foam and solid surface materials. 33000 series single flute solid carbide for cutting aluminum, brass, copper and non-ferrous metal.



ACCESSORIES



Squeegees

Universal squeegee

Made of gray polyethylene standard 3" x 4" doubles sided designed for even pressure when applying vinyl graphics.

Felt-wrapped squeegee

A yellow felt edge wrapped squeegee to help protect from scratching and marring during vinyl application. Works great for vehicle wrapping.

White Teflon squeegee

A white stiff Teflon squeegee that glides across vinyl for a fast easy application.

Lil' Chisler

Small Hi-impact plastic chisel designed to aid in the removal of pressure sensitive vinyl film. Great for damage free removal from painted surfaces, aluminum, plastics and glass.

Sharpie Peel-Off™ China Marker

Marks on any porous or non-porous material

Features and Benefits

- Great for writing on china, glass, metal, or plastic
- Resists fading, moisture resistant
- 3 assorted colors to make your marking unique - black, red, white



Stabilo Pencils

This water-soluble pencil will mark clearly, densely, and legibly on many surfaces and wipes away easily with water. Available in boxes of 12, white or blue.

Sooper Edge Rulers

It's bright purple anodized finish on solid extruded aluminum makes this ruler durable and easy to find. It has a stainless steel cutting edge that gives longer blade life and won't cut, nick or pit. It offers a curved aluminum finger guard, and has a non-skid rubber back that prevents unwanted movement. Available in several lengths, 28", 40", 52", 64", 76" & 96".



Cutting Mats

.180 gauge counter top mat • Cutting blades last longer • Made from virgin seamless LD polyethylene
Solvent proof • Self healing mat
Roll for easy shipping



We do not stock all sizes, call for availability, and if your size is not in stock, please allow extra shipping time.

Terms and Conditions

Payment- We accept payment for purchases in these ways:

-COD / cash, or certified check.

-COD / Company check, with pre-approval only. Contact your salesperson or local branch for a check approval form.

-Credit Card, we accept Visa, MasterCard & Discover (we do not accept American Express).

-Approved credit terms-Net 30 day account, please contact your salesperson or local branch for a credit application

Local state sales tax, we collect sales tax if you do not furnish us a proper sales tax and/or manufacturers exemption certificate.

Returned checks- there will be a charge of \$30.00 for NSF checks and may result in a loss of check privileges.

Shipping – We ship UPS and by common carrier. For your protection, please examine your order upon receipt before signing for it, to both insure it's complete and undamaged. Notify us within 24 hours of receipt of any problems or discrepancies.

Pick-up hours- You may pick up orders between 8:00 and 4:30 Monday thru Friday, consult you local branch to confirm pick-up hours.

Delivery via our truck- delivery via our company trucks will incur a delivery fee.

Warranty information & returns- Advanced Plastics stands behind its products. Technical information, recommendations and suggestions are offered in good faith based on information we believe to be reliable. There are however conditions and uses that may be beyond our control. Users must determine the suitability of products and suggestions. Warranties are offered by our vendors and Advanced Plastics will not be responsible for any loss or damage that directly or indirectly arises from the use of these products. All products should be pre-tested to determine their suitability before use.

Returns- Before returning any product call your salesperson or branch with the invoice number, date of purchase and problem experienced and an RMA may be issued. All returns are subject to a 20% restock fee, special order or custom cut materials are non-returnable. Returned material must be accompanied by an RMA. After 30 days your return may not be considered.

A full and complete set of terms and conditions can be found on the reverse of our invoice, and on our website.

Cutting charge- there is a minimum charge of \$20.00 to cut substrates to size. On larger cut jobs additional cost will be based on time and complexity.

TERMS & CONDITIONS



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Nashville, TN 37209

advanced plastics, inc.

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Toll-Free (800) 327-6136

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