

Material Descriptions:

Corrugated Plastic:

The name Coroplast™ applies to a wide range of extruded twin-wall plastic sheet products based on a high impact polypropylene copolymer.

Coroplast™ is a high-quality polypropylene twin-wall profile sheet formulated specifically for use in the screen printing, display and packaging markets.

Coroplast™ uses a copolymer resin in order to increase impact and low temperature performance. Copolymer resins are also used because they retain the ability to be flexed an unlimited number of times without breaking. We call this unique ability "a living hinge".

Chemically, the sheet is inert, with a NIL pH factor. At regular temperatures most oils, solvents and water have no effect, allowing it to perform under adverse weather conditions or as a product component exposed to harsh chemicals.

All Coroplast™ twin-wall profile sheets can be modified with additives, which are melt-blended into the sheet to meet the specific needs of the customer. Needs that require additives include: ultra violet protection, anti-static, flame retardancy, and color.

Coroplast™ products are offered in a wide range of standard, opaque and translucent colors.

Aluminum Composite (Alupanel):

Alupanel is a high-performance product consisting of two aluminum sheets permanently bonded to each side of an extruded thermoplastic compound core material. As a result of this technology we have ideal flat and very formable material with an excellent strength-to-weight ratio.

Alupanel is available with 2 types of core materials: a polyethylene (PE) core, or a fire-resistant (FR) core material based on aluminum hydroxide mineral component. Alupanel panels are supplied with PDVF paint or PE paint on front side available in standard and special colours; the rear side of the panels is covered by a protective paint layer. Also both side painted panels are available. Unique characteristics make Alupanel composite panel ideal material for designers, sign makers, architects, fabricators and installers.

Some of these advantages are: exceptional rigidity; outstanding strength to weight ratio; simple fabricating technique due to which routing and folding can even be performed on a construction site; easy and quick installation; high resistance to atmospheric factors; easy maintenance and a perfect appearance which keeps for many years.

MDO:

MDO - Medium Density Overlay Plywood offers a smooth surface for exterior signage applications. Exterior grade plywood is faced with a resin-impregnated medium density overlay that is specially formulated for painting; dense, smooth, weather resistant and economical. This product is primed and enamel painted on one side and has an HDO overlay backer on the other side reducing labor costs and production time. This tough resin overlay withstands severe exposure without further finishing and also resists abrasion, moisture penetration and deterioration.

Aluminum:

Aluminum blank painted gloss white on both sides. Baked enamel finish is wax free and masked on one side. .040 thickness with 1/2" radius (rounded) corners.

Polycarbonate:

Polycarbonate sheets offer a unique combination of exceptional properties: impact resistance, transparency, lightness, flexibility, heat resistance, fire resistance, long life and safety. Polycarbonate sheet is as transparent as glass, weighs less than half as much and is 250 times more impact resistant, making it virtually unbreakable. It also provides excellent soundproofing properties and better thermal insulation than glass.

PRODUCT FEATURES:

Grade XL: UV treated on both surfaces

Available on a reel - sheets can be cut to any length from the reel

Impact resistance

White .150 thickness

Heat resistant

Expanded PVC (Sintra):

The fine cell structure and smooth surface makes this PVC the preferred choice for professional printers, sign makers and exhibition contractors. Specifically manufactured for its extreme whiteness this PVC is the perfect substrate for direct printing.

APPLICATIONS & FEATURES:

Sign Making, Point-Of-Sale Displays, Trade Show Graphics, Dimensional Lettering, Direct Digital Printing, Smooth Surface

PRODUCT ADVANTAGES

- * Resists mildew and fungus
- * Will not absorb moisture
- * Excellent R value
- * Carries re rating/-ame tests:
 - UL-VO-94 re rating
 - BS 476: Part 7
 - France: NSP 92501,5
 - Italy: D Come DA UNI 9176:1998
 - Germany: DIN 4102
- * Smoke contribution is well below ASTM standards

JOINING/FASTENING

- * PVC-to-PVC or PVC-to-wood, use screws, nails or adhesive
- * Recommended screws: Drywall screws with large thread
- * Recommended adhesive: those identified for use with PVC.
- * PVC cement will bond PVC joints
- * Holes can be drilled with coloured caulk, putty or spackling

Magnetic Sheeting:

Magnetic Sheeting 030 (30 Mil) Matte

Superior holding power... flexible magnetic sheeting is a thermoplastic, permanent magnetic product with high-intensity, multi-pole magnetic arrangement designed to produce superior holding power on most metallic surfaces. Magnetic sheeting performs well in adverse weather (such as rain, sleet and snow), and in temperatures from -15° F to 160° F (-26°C to 71°C). 030 = .76mm; approximately 1/32". Available in 50' Roll or by the linear foot.

APPLICATIONS:

Advertising Specialties

Automobile Signage

Die-Cutting

Menu Boards

Banner:

Aspire™ Emerald Digital Banner Gloss

Emerald Digital Banner is a 13-oz, front lit, white scrim PVC banner. Emerald is a multi-purpose banner, suitable for digital printing, adhesive backed vinyl application and screen printing.

Available in a smooth gloss finish providing high print resolution and print quality. It is designed to be tear and curl resistant, with a fire resistant coating that passes the NFPA 701 fire resistant certification test.

FEATURES:

Smooth finish yields high print resolution and image quality

500 x 500 denier

Flammability NFPA 701-2004 Test I

UV (ultra-violet) resistant

Gloss Finish

Available in 40 yard rolls in the following popular sizes:

30", 38", 48", 54", & 61"