

3A Composites USA

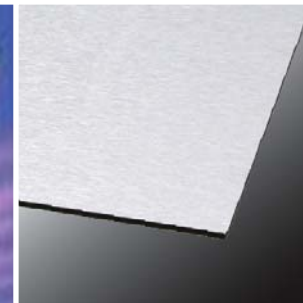
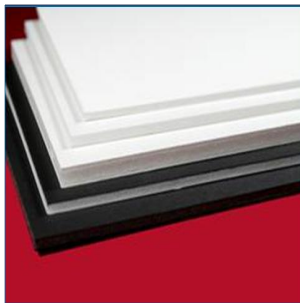
Products Suitable for Digital Printing





Products for Digital Printing

- **Fome-Cor®** – A paper-faced polystyrene foam-board sheet
- **Sintra®** – Expanded PVC foam sheet
- **Gator™** – A heavy-duty polystyrene foam-board sheet with a variety of facers including wood-fiber veneer and plastic:
 - Gatorfoam®
 - Gatorplast®
- **Dibond®** – An aluminum composite sheet with a polyethylene core





Fome-Cor® Products

Fome-Cor® for Digital Printing

A set of extruded polystyrene foam boards with a clay coated white facer or black liner board.

Gauges from 1/8" to 3/8".

Products recommended or most commonly used:

- 3/16" Fome-Cor Board
- 1/4" JetMount® (higher density)

Sheet size up to 8' x 10'

Can be die-cut or cut with a knife.



Applications
POP Displays - Short-term application life
Exhibits & Kiosks - Short-term application life
Framing - Long-term application life
Framing - Archival - <i>not recommended</i>
Signage - Interior - Short-term application life
Signage - Exterior - <i>not recommended</i>
Signage - Structural - <i>not recommended</i>
Fabrication
Mounting
Repositioning Vinyl - <i>not recommended</i>
Direct Digital Printing
Direct Screenprinting
Painting - Do not expose core to solvent-based paints
Knife Cutting
Saw Cutting - <i>not recommended</i>
Routing - <i>not recommended</i>
Die Cutting
Embossing
Forming Curves - <i>not recommended</i>
Framing



Sintra® Products

Sintra® Print Optimized for Digital Printing

Sintra is a homogenous sheet that is lightweight but rigid board of moderately expanded rigid closed-cell polyvinyl chloride (PVC). Gauges are from 1mm to 13mm.

Products recommended or most commonly used:

- 3mm & 6mm bright white with standard print optimized properties.

Sheet size up to 2 meters wide (79.92" x 10').

Can be router or saw cut. Die-cut up to 5mm.



Applications
POP Displays - Medium-term application life
Exhibits & Kiosks - Medium-term application life
Framing - Long-term application life
Framing - Archival - Long-term application life
Signage - Interior - Medium-term application life
Signage - Exterior - Medium-term application life
Signage - Structural - <i>not recommended</i>
Fabrication
Mounting - Cold mounting techniques only
Repositioning Vinyl
Direct Digital Printing
Direct Screenprinting
Painting
Knife Cutting - 1-3 mm may be cut with a knife or blade
Saw Cutting
Routing
Die Cutting - May be die cut in gauges up to 5 mm or 3/16"
Embossing - <i>not recommended</i>
Forming Curves
Framing



Gator™ Products

Gator™ for Digital Printing

Gator has two products:

Gatorfoam® – a polystyrene foam core in white or black covered with a manmade wood-veneer in bright white, black or natural facers. Gauges from 3/16” to 3”.

Products recommended or most commonly used:

- 3/16” and 1/ 2”
- Sheet size up to 5’ x 10’

Gatorplast® – a polystyrene foam core in white or black covered with a polystyrene cap sheet of white or black. Gauges are 3/16” to 1/ 2”.

Products recommended or most commonly used:

- 3/16” – 4’ x 8’

Either product can be router or saw cut.



Applications
POP Displays - Medium-term application life
Exhibits & Kiosks - Medium-term application life
Framing - Long-term application life
Framing - Archival - <i>not recommended</i>
Signage - Interior - Medium-term application life
Signage - Exterior - Medium-term application life
Signage - Structural - <i>not recommended</i>
Fabrication
Mounting
Repositioning Vinyl - <i>not recommended</i>
Direct Digital Printing
Direct Screenprinting
Painting - Do not expose core to solvent-based paints
Knife Cutting - <i>not recommended</i>
Saw Cutting
Routing
Die Cutting - <i>not recommended</i>
Embossing - <i>not recommended</i>
Forming Curves - <i>not recommended</i>
Framing



Dibond® Products

Dibond® for Digital Printing

Is an extremely flat sheet material composed of two outer skins of 0.012" aluminum (coated with a high quality consistent polyester paint finish) with a polyethylene core.

Products recommended or most commonly used:

- 2mm thru 4mm

Sheet size up to 5' x 10'

Can be router or saw cut as well as punched.



Applications
POP Displays - Long-term application life
Exhibits & Kiosks - Long-term application life
Framing - Long-term application life
Framing - Archival - Long-term application life
Signage - Interior - Long-term application life
Signage - Exterior - Long-term application life
Signage - Structural - Long-term application life
Fabrication
Mounting - Cold mounting techniques only
Repositioning Vinyl
Direct Digital Printing
Direct Screenprinting
Painting
Knife Cutting - <i>not recommended</i>
Saw Cutting
Routing
Die Cutting - <i>not recommended</i>
Embossing - <i>not recommended</i>
Forming Curves
Framing



3A Composites

- 3A Composites provides a Digital Samples Kit that contains 3 - 24" x 24" of each of these products.
- You can Google the product names or go to www.GraphicDisplayUSA.com and request the digital kit by requesting from the samples area.



Questions / Comments?