



## METALLIC SILVER FOIL-BASED Print Media for OUTDOOR & INDOOR RIGID WALL GRAPHICS

**Unlike Any Other Material**



- No Overlaminate Needed
- End User Friendly Installation
- Long-Term Outdoor Durability

**PURPOSE** One-step, metallic graphics for outdoor and rigid interior walls  
shopping malls, parking garages, grocery stores, restaurants, trade shows, stadiums, universities, museums, and convenience stores

Problems with Other Outdoor Wall Graphic Materials		Problems Solved with AlumiGraphics Silver Smooth
<b>Material</b>	Two-part structure consisting of base film + overlaminates or flimsy vinyl / fabric films. Many are not intended for outdoor use. Aluminum composite material is costly and heavy to transport and mount.	No overlaminates needed; the media has a metallic silver surface with pressure sensitive adhesive & release liner. Meets ASTM surface burning characteristics, plus eco-friendly.
<b>Production</b>	Two part production process involves more time and labor. Must wait for inks to cure prior to lamination, takes up space, and risk of wrinkles, requiring reprint.	One-step production saves time & money. Print direct to the surface. Material is cross-component compatible with solvent, eco-solvent, latex & UV (LED curing) wide format printers + screen print.
<b>Image Quality</b>	Vinyl overlaminates can reduce resolution, image quality and cause muted colors.	Non-obstructed, crisp surface print with unique characteristics of metallic surface.
<b>Installation &amp; Removal</b>	Challenging to apply smoothly without wrinkles and/or air bubbles. Requires experienced installers to apply & remove typically with heat gun. ACM is heavy and challenging to mount.	Apply direct to a rigid surface or mount to a lightweight substrate as an alternative to ACM. End users can install and remove with ease and no special equipment. Typically leaves no residue.
<b>Durability</b>	Life expectancy is short term up to 3 months. Easily tears, stretches, and disfigures. Vinyl + film laminate combinations deteriorate with exposure to environment.	Foil is very durable. Life expectancy of printed & installed graphics outdoors is up to 6 months (based on solvent inks). Indoor use, UV & latex inks, cast film or liquid laminate will increase life.
<b>Summary</b>	Problems = time consuming, more labor to produce, difficult to apply & remove, varying degree of qualities & adhesives, and inferior durability.	Benefits = time savings realized with faster production & installation plus unmatched durability resulting in cost savings, value and eco-friendly.

**SIMPLE • DURABLE • RELIABLE**

## MATERIAL SPECIFICATIONS

MATERIAL:	Metallic silver foil-based media + PSA + Release Liner = <12 mil.
SIZE:	26.5" wide x 10' long, 53" wide x 30' long and 53" wide x 150' long.
PRINT COMPATIBILITY:	Eco-solvent, latex, *UV (with LED curing) wide format digital printers + screen print.
OVERLAMINATE:	No overlaminates needed. Print direct to the surface / one step production process.
ADHESIVE:	Pressure sensitive, permanent acrylic; typically no residue when removed.
LINER:	84# silicone based stay flat release liner.
APPLICATION:	No heat source and dry apply; does not require professional installers. Roller recommended to compress to surface.
USAGE:	Outdoor & indoor rigid wall surfaces (heavily textured & non-textured) including concrete (sealed & unsealed), stucco, cinder block, brick, and other masonry.
LIFE EXPECTANCY:	Printed & installed up to 6 months with weather conditions; based on solvent inks.
NOTES:	<ol style="list-style-type: none"> <li>1. Handle rolls with care, do not drop on end. Store horizontal with suspension caps.</li> <li>2. Use a take up roll with tension and vacuum to keep material flat during printing.</li> <li>3. Print direct to the surface; download profiles from AlumiGraphics.com.</li> <li>4. Cut-to-shape on most print &amp; cut, plotters and routers, guillotine, steel rule die cut and manually with scissors. Use standard 30° blades on AlumiGraphics Smooth.</li> <li>5. Material is pliable, lightweight, has no memory and will not shrink.</li> <li>6. Optimal application temperature is 50° F / 10° C or warmer.</li> <li>7. Material withstands high temperature range; -40° F - 302° F / -40° C - 150° C.</li> <li>8. Meets surface burning characteristics ASTM E84-15b (NFPA 255, ANSI/UL 723, UBC 8-1).</li> <li>9. Environmentally friendly, contains no PVC; dispose with aluminum recycling.</li> <li>10. Harmonized tariff code / NCM: 7607.20.0000</li> <li>11. Shelf life = 2 years stored at 70° F / 21° C.</li> </ol>

## DESIGNED FOR END USERS TO INSTALL & REMOVE

### STANDARD APPLICATION INSTRUCTIONS

1. Use hard rubber roller rather than a squeegee. The only exception; felt edge squeegee can be used with AlumiGraphics Smooth on non textured surfaces.
2. Recommended surface temperature 50° Fahrenheit / 10° Celsius or higher.
3. Sweep dry surface clean of dirt & debris.
4. Lay printed side down on a flat surface then peel release liner from the foil surface.
5. Lay adhesive side down flat on the selected location.
6. Smooth by hand from the center to outer edge, be sure all edges lay flat.
7. Firmly compress to surface, especially all edges by roller.

### REMOVAL INSTRUCTIONS

1. Generally easy to remove on wall and pedestrian walkway applications; rough surfaces and/or vehicular traffic may increase the difficulty in removal.
2. Simply peel off at an angle less than 45 degrees for best result; typically leaves no residue.

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