


<p>FLEXIBRASS</p>	<ul style="list-style-type: none"> Flexible, light weight and tough Very thin: 0,5mm Available with or without tape Perfect for attaching sheet material to round or curved surfaces 	<ul style="list-style-type: none"> Micro surfaced impact acrylic Very thin acrylic core with a thick film Tape = 3M 467MP 	<ul style="list-style-type: none"> Matt, non-glare Gloss Brushed metal Patterned 	<ul style="list-style-type: none"> Interior signage Trophies, awards & plaques 	<ul style="list-style-type: none"> Laser & rotary Front engravable Indoor
<p>LASERLIGHTS</p>	<ul style="list-style-type: none"> Especially designed for laser engraving Completely flexible and extremely durable. Resistant to water, solvents, abrasion and extreme temperatures Always with tape Very thin: 0,1mm 	<ul style="list-style-type: none"> Micro surfaced pre-adhesive plastic 	<ul style="list-style-type: none"> Gloss Brushed metal 	<ul style="list-style-type: none"> Interior & exterior Personal identification Industrial labelling Automotive labelling Electronic labelling Recreational applications 	<ul style="list-style-type: none"> Laser & rotary Front engravable Indoor & outdoor (except smooth gold and brushed brass)
<p>LASERMAX</p> 	<ul style="list-style-type: none"> Rowmark's premier laserable product Largest assortment of colour combinations Enhanced heat tolerance Customizable starting MOQ of 2 sheets Biggest choice: 3 gauges, 2-ply, 3-ply, different patterns 	<ul style="list-style-type: none"> Micro surfaced impact acrylic Acrylic core with a thin film 	<ul style="list-style-type: none"> Matte non-glare Gloss Brushed metal Patterned 	<ul style="list-style-type: none"> Interior & exterior Personal identification Trophies, awards & plaques 	<ul style="list-style-type: none"> Laser & rotary Front engravable Indoor Outdoor weatherable UV stable (except metal and marbles)
<p>MATTES</p>	<ul style="list-style-type: none"> Rotary only Detailed engraving 3-ply in 1,6mm 2,4mm available on special request 	<ul style="list-style-type: none"> Micro surfaced ABS ABS core with thin film 	<ul style="list-style-type: none"> Matt non-glare Patterned 	<ul style="list-style-type: none"> Interior signage Personal identification 	<ul style="list-style-type: none"> Rotary ONLY No laser cutting Indoor
<p>NOMARK PLUS & STANDARD METALS</p>	<ul style="list-style-type: none"> Hard coated for superior durability Gloss appearance to resemble real metal NoMark Plus has a clear acrylic protective coating to minimize finger prints, scratches, friction 	<ul style="list-style-type: none"> Micro surfaced ABS ABS core with thin film 	<ul style="list-style-type: none"> Brushed metal 	<ul style="list-style-type: none"> Interior signage Trophies, awards and plaques Personal identification 	<ul style="list-style-type: none"> Rotary ONLY No laser cutting Indoor
<p>ULTRA MATTES REVERSE</p>	<ul style="list-style-type: none"> Durable surface Ideal for ADA compliant signage 	<ul style="list-style-type: none"> Laminated impact acrylic Acrylic core (clear) with a thin colour acrylic cap at the back (0,25mm) 	<ul style="list-style-type: none"> Matt, non-glare 	<ul style="list-style-type: none"> Interior & exterior signage Tactile signage Personal identification Cut-out letters, way finding and directory signage, back-paint, backlit signs 	<ul style="list-style-type: none"> Rotary engravable Reverse engravable Not recommended for laser engraving (cap too thick) Outdoor weatherable, UV stable, ADA compliant UL Approved



**Laserable (laser engraving)**

Acrylic core materials with thin cap surfaces that can be easily engraved with minimal wattage at increased speeds. ABS materials are not recommended for laser applications.

**Rotary-Engravable (rotating carbide engraving)**

This marking method uses a single or multiple fluted cutting tool which rotates through the work to remove material, leaving a trough of exposed core. As compared to diamond-drag, rotary engraving may result in deep cutting or the complete cutout of a letter or object. The cutter's tip size determines the width of the cut. In most applications, the spindle micrometer setting controls the depth of cut. This process is suitable for most commercial and industrial work. Unlike diamond-drag, rotary engraving is the only means of engraving plastic materials with controlled depth.

**Indoor (interior signage)**

Signage produced for indoor applications where UV stability and weather-ability are not required.

**UV Stable (ultra-violet stability)**

The ability of the engraving material to maintain its colorfastness in UV conditions for a limited period of time. Although colorfastness is a desirable condition, no man-made product will remain colorfast in an exterior environment indefinitely. Rowmark uses UV stable plastic resins and foils in many products to prolong the useful life of the material when used in exterior conditions.

**Outdoor Weatherable**

The ability of plastic engraving material to withstand exterior weathering conditions. Rowmark products designated as "outdoor weatherable" are designed to withstand average conditions and temperatures for up to 2 years without significant degradation. Although no specific life can be designated to any product, Rowmark recognizes that under normal conditions the material will not break down physically. Materials may become brittle and some discoloration or fading will occur when used in harsh environments or exposed for extended periods of time.

**Reverse-Engravable (second surface)**

Clear cap with microsurface or laminated core, machined from the reverse or backside of the material. Back-painting is a popular method of achieving contrast in color. (Example: Rowmark's Ultra-Mattes Reverse-Engravable)

**Front-Engravable (first surface)**

Multi-ply layered sheet material consisting of a laminated top piece over a base layer. The cap layer is engraved or lasered through to expose the core layer, thus providing a color contrast between cap and core.

**Gloss Finish**

Not recommended for harsh or high humidity indoor or outdoor applications.

STORAGE TIPS - FOR BEST RESULTS

- Leave the protective mask on the sheet when handling.
- Material may become brittle with age. Avoid hand shearing or score cutting of material when possible, particularly thicker-gauge materials.
- Material may fracture or crack.
- Avoid stacking unprotected sheets.
- For screen-print or hot-stamp applications, it is recommended that the user test a small area to determine adhesion/compatibility with inks.
- Do not store in temperatures over 85° F (29° C) for extended periods of time.
- Do not store in direct sunlight. Some materials are not UV rated. Please check product specifications for details.

