



## The Workshop Series by Displays2go

is proud to offer **95% Post-Industrial Recycled Acrylic.**

Thoroughly tested to ensure it delivers the same **quality and performance as virgin acrylic** – while providing additional benefits to the environment.

Produced in-house at our Fall River, Massachusetts headquarters, we've partnered with our regional acrylic supplier turning our virgin acrylic manufacturing waste into new and useful “recycled” sheets! This relationship allows us to ensure the highest quality of recycled acrylic, delivering the same Displays2go strength, quality, and clarity that you are accustomed to.

In 2022, Displays2go proudly recycled over **100,000 lbs** of manufacturing scrap waste acrylic to be remade into a post-industrial recycled material.

- **Clarity.** Recycled acrylic has 92% light transmission, the same as virgin acrylic.
- **Long-Lasting.** Like virgin acrylic, recycled acrylic remains clear and does not yellow over time.
- **Durable.** Recycled acrylic scores the same in tests of strength, flexibility, hardness, and thermal expansion.

## How is acrylic recycled?

Acrylic pellets are melted into recycled acrylic sheets.



Acrylic sheets are manufactured into new products.

Manufacturing scraps are recycled into acrylic pellets.

## How does it compare?

Test results demonstrate the similar properties of our recycled acrylic and standard acrylic. The table below shows typical values for .118” (3mm) thick recycled acrylic sheet made with high recycled content. Some values will change with thickness.

Test Method	Recycled Acrylic	Virgin Acrylic
<b>Tensile Strength</b> Resistance to breaking under tension Test: ASTM D-638	10,000 psi	10,000 psi
<b>Tensile Elongation</b> Stretching of a material when withstanding tension Test: ASTM D-638	3.70%	4.50%
<b>Tensile Modulus</b> Measure of stiffness Test: ASTM D-638	400,000 psi	400,000 psi
<b>Flexural Strength</b> Stress of a material before yielding in a flexure test Test: ASTM D-790	16,700 psi	17,000 psi
<b>Flexural Modulus</b> Resistance to bending Test: ASTM D-790	480,000 psi	480,000 psi
<b>Rockwell Hardness</b> Resistance to penetration and permanent deformation from another material (such as knife blade) Test: ASTM D-785	M-93	M-93
<b>Specific Gravity</b> Density of material in comparison to water density Test: ASTM D-792	1.19	1.19
<b>Thermal Expansion</b> Changes in shape, area, volume, or density in response to temperature changes Test: ASTM D-696	0.00004 in/in-°F	0.00004 in/in-°F
<b>Water Absorption</b> Amount of Water Absorbed at 73°F over a 24-hour period Test: ASTM D-570	0.20%	0.20%

<https://www.acrylite.co/files/content/acrylite.co/documents/product-information/proTerra/ACRYLITE-proTerra-technical-information-4091.pdf>



### GREENPRINT PRODUCT

Our Greenprint icon is a Displays2go insignia which represents products that support a combination of environmental and social initiatives. We are committed to helping you create a greener, cleaner planet for future generations.

