



TRINSEO™

# ACRYCLEAR™ and ACRYSTEEL™ Continuous Cast Acrylic Sheets

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Connecting ideas with solutions

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## Continuous Cast Advantages

- Available in ACRYCLEAR™ or in high-impact ACRYSTEEL™
- Available in reels with most materials up to 108" wide (2.743 m), with lengths up to 750 feet (228.6 m) depending on caliper
- Wider sheet up to 108" (2.74 m) vs. standard available with U-Pallet (2.03 m) and lengths up to 204" (5.82 m)
- Available in a variety of calipers ranging from .118" to .236" (3 mm to 6 mm)
- Offered in a wide variety of aesthetics including solids, marbles, transparent, metallics and textured granites
- Excellent metallic finish in larger sizes, with homogeneous uniform metallic sheen throughout the sheet
- Can provide color matches for corporate re-imaging or other custom projects
- Available in imperial sizes for compatibility with fabrication equipment
- No pre-drying required

## Continuous Cast vs. Cell Cast

- Thickness Tolerance: Better, more uniform thickness tolerance vs. cell cast
- Digital Printing Advantages: Continuous cast sheets have a more uniform thickness across the sheet which gives it an advantage over cell cast for digital printing
- Formability: Continuous cast forms more easily than cell cast due to lower molecular weight

For more information:



ACRYCLEAR™



ACRYSTEEL™

## Continuous Cast Sheet vs. Extruded

- Reform: Can be reheated and reformed into an acceptable part. This provides an advantage in prototyping and offers a wider thermoforming window during production
- Deeper Draws: Compared to extruded, the higher molecular weight of continuous cast allows for deeper draws without the material becoming too thin
- Less Shrinkage: There is less inherent stress in continuous cast sheet compared to extruded, resulting in less shrinkage

## Reel Advantages

- Flexibility: The primary reason for using reels is the flexibility they offer – the material can be cut to different sizes and customized by project
- Storage Space: Reels are often stored on an A-frame rack with casters and can be easily moved around a shop
- Large Size: Especially good for large applications such as corporate signage, reels can provide oversize widths and lengths
- Cost Effective: Reels ship efficiently and cost effectively with no need to use a U-Pallet
- Efficient Manufacturing: Using longer lengths and widths reduces the need for joints and seams

