



# Viccar ClearVue

## Technical Data Sheet

**Viccar ClearVue** is a calendared UV-stabilized rolled clear vinyl designed for marine and outdoor enclosure applications. It features a double-polished surface for optical clarity, anti-blocking additives for improved handling, and is available in multiple gauges and tint options.

### Construction

<b>Material</b>
Flexible Rolled Clear PVC
<b>Manufacturing Method</b>
Calendared
<b>Surface Finish</b>
Double Polished
<b>UV Stabilized</b>
Yes
<b>Anti-Blocking</b>
Yes

### Technical Specifications

Property	20 Gauge	30 Gauge	40 Gauge
Width	54"	54"	54"
Thickness (nominal)	20 mil	30 mil	40 mil
Roll Size (yards)	35	20	15
Available Tint	Clear / Smoke	Clear / Smoke	Clear
UV Resistance (Weatherometer)	3,000 hours	2,000 hours	2,000 hours

Property	20 Gauge	30 Gauge	40 Gauge	Test Method
Tensile Strength at Break	>2,600 psi	>2,600 psi	>2,600 psi	UNE-EN ISO 527-3
Cold Crack	-20° C / -4° F	-30° C / -22° F	-25° C / -13° F	DIN-EN 1876-2
Mechanical Relaxation Shrinkage 24hrs @ ambient)	Max 1.0%	Max 1.5%	Max 1.5%	DIN 53377
Thermal Shrinkage @ 122° F	Max 1.5%	Max 2.0%	Max 2.0%	DIN 53377
Thermal Shrinkage @ 176° F	Max 3%	Max 4.5%	Max 4.5%	DIN 53377

### Important:

Mechanical relaxation shrinkage occurs after the film is cut from the roll and allowed to relax flat at ambient temperature for 24 hours.

Thermal shrinkage values represent additional shrinkage due to heat exposure after relaxation.

Anti-blocking additives improve handling and fabrication by reducing material-to-material sticking but may inhibit ink adhesion. Viccar ClearVue is not recommended for printing or graphic application.

***If material is fabricated without allowing relaxation, both mechanical and thermal shrinkage must be considered.***



# Vicar ClearVue

## Technical Data Sheet

### Typical Applications

Boat Windows

Marine Enclosures

Patio / Porch Enclosures

Pergola / Gazebo Panels

Golf Cart / Utility Vehicle Enclosures

### Care and Maintenance

To help maintain clarity and extend service life, follow these recommended care guidelines:



#### Remove Surface Debris First

Rinse away dirt, salt, and debris with clean water prior to washing. Low pressure water may be used.



#### Routine Cleaning

Clean using a soft cloth with mild soap and water or a solution of 1 part ethyl alcohol to 10 parts water.



#### Avoid Harsh Cleaners

Do not use aggressive chemicals, abrasive cleaners, rough cloths, or abrasive sponges, as these may damage the surface.



#### Rinse Thoroughly

Rinse away any residual cleaning solution with clean water after washing.



#### Dry Before Storage

Wipe dry with a soft cotton or microfiber cloth and allow material to dry completely before rolling or storing.



#### Temporary Moisture Marks

Minor haze or staining caused by residual humidity may occur temporarily and typically dissipates after drying in warm, dry conditions.

### Handling, Storage & Fabrication Guidelines

- Store rolled, never folded
- Avoid prolonged storage while wet
- Protect surfaces from abrasion during handling / fabrication
- Allow material to acclimate to ambient temperature prior to fabrication
- Allow film to relax flat for 24 hours after cutting to minimize post-fabrication shrinkage

### Additional Information

Additional gauges and configurations may be available by special order. Minimum order quantities and lead times apply.

For product overview, ordering details, and current availability, refer to the Product Brochure (PB-2007), product sample card, or visit [www.miamicorp.com](http://www.miamicorp.com)