

Weblon Coast Line PLUS®

1. Product Name

- Coastline Plus® Awning Fabric

2. Manufacturer

Herculite Products Inc.
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3. Product Description

Basic Use

This high performance PVC textile is engineered for commercial and residential awnings and canopies. It is suitable for sewing, welding, digital printing and fabrication by various means common in the awning fabrication industry. In addition to its durability, Coastline Plus Awning Fabric is a PVC fabric that carries a manufacturer's warranty against UV degradation or fading. It is mildew, stain and dirt-resistant. The textile features a proprietary top coating that supports most types of graphics including pressure-sensitive vinyl lettering for sign decoration.

Awnings and canopies fabricated with Coastline Plus offer their owner confidence that their awning canopy will stay waterproof, tight on the frame and stay inherently fire resistant. With a properly engineered frame support structure, Coastline Plus is suitable for year round snow load and wind load requirements. The patented Rain Kleen® finish provides a self-cleaning feature to reduce care and maintenance responsibility. Awnings made with Coastline Plus Awning Fabric will provide years of useful weather and sun protection.

Coastline Plus is made in America and is the ideal PVC composite fabric for awnings and canopies, poolside structures, car shelters, patio covers, walkway coverings, privacy screens, curtains and in-home decorative ceilings, awnings and drapes.

The Coastline Plus brand fabrics are presented in three designer categories: solids, stripes, linen back and the spectrum collection.

Composition and Materials

Coastline Plus consists of the following five layers:

1. Face layer PVC film formulation package
2. PVC-based high flex multi-functional adhesive
3. Core stabilized polyester fabric
4. PVC-based high flex multi-functional adhesive
5. Reverse layer PVC film formulation package



Features and Benefits

- SPF 50+
- Waterproof
- Made in America
- 50 vibrant colors and patterns
- Age, fade, dirt and mildew resistant.
- Five-year manufacturers limited warranty
- Can be sewn or welded using heat, radio frequency, solvent, hot air or wedge welded
- Dozens of styles in solids, mono and multicolor stripes.
- Waterproof, dimensionally stable; no shrinkage, stretch, sagging, pocketing or leakage common to woven fabrics
- Accepts most types of applied pressure sensitive graphics.
- Flame retardant; CSFM Title 19, NFPA 701, ASTM E84 Class A, M2
- Rain Kleen II top coat for prolonged fabric life and enhanced cleanability

Sizes

Rolls of up to 50 yards are 62 inches wide.

Colors

The Coastline Plus brand fabrics are presented in three designer categories: solids, stripes and linen back.

- | | |
|----------------------------|--------------------------|
| • Sand CP-2700 | • Glade Green CP-2711 |
| • Harbor Green CP-2701 | • Deepsea Blue CP-2712 |
| • Sea Palm CP-2702 | • Sunset Orange CP-2713 |
| • Island Turquoise CP-2704 | • Burgundy CP-2715 |
| • Cork Brown CP-2705 | • Gull Gray CP-2717 |
| • Beacon Yellow CP-2706 | • Charcoal Gray CP-2718 |
| • Portlight Red CP-2707 | • Driftwood Gray CP-2719 |
| • Rust CP-2709 | • Mist Blue CP-2720 |

- Panama Purple CP-2723
- Barque Brown CP-2725
- Deep Red CP-2726
- Sunrise Saffron CP-2730
- Jade CP-2734
- Ebbitide Tan CP-2738
- Ivory Coast CP-2739
- Bay Blue CP-2741
- Tropic Green CP-2742
- Teal CP-2743
- Aquamarine CP-2744
- Pirate Black CP-2745
- Ocean Blue CP-2746
- Navy Blue CP-2747
- Deep Sea Blue/White CP-2772
- Deepsea Blue/Mist Blue CP-2812
- Cork and Sand/Sand CP-2775
- Glade Green and White/White CP-2761
- Pirate Black and White/White CP-2770
- Turquoise and White/Turquoise CP-2774
- Sail White CP-2790
- Dark Taupe CP-2791
- Beige CP-2792
- Terra Cotta CP-2796
- Almond CP-2797
- Metallic Silver/Silver CP-2856
- Glade Green/Jade CP-2811
- Brite Red/White CP-2773
- Cork Brown/Sand 2750
- Glade Green/White 2751
- Rust/Ivory 2752
- Sand/Olive on Ivory CP-2882
- Rust/Dark Brown CP-2887
- Shell Pink CP-2733

Color charts available [here](#).

4. Technical Data

Applicable Standards

ASTM International

- **ASTM E 84 CLASS A Rating** Standard Test Method for Surface Burning Characteristics of Building Materials

National Fire Prevention Association (NFPA)

- **NFPA No. 701**

Approvals

- **California Administrative Code Title 1 Public Safety Section 1237**
- **California State Fire Marshall (CSFM) registered**

Environmental Considerations

A building with awnings and shades may qualify for LEED® points.

Vinyl and the Environment

Vinyl is energy efficient. Vinyl takes 20 percent less energy to produce than many competing products. Vinyl uses 50 percent less energy than polyester and 670 percent less energy than PLA which is derived from corn. Vinyl is lightweight and requires less fuel and generated lower emissions to transport. Herculite's high performance textiles used in sun control applications reflect solar energy creating a shade environment that reduces cooling costs by 17–24 percent depending on geographic location.

Vinyl is inherently recyclable generating one billion-plus pounds of post-industrial recycling annually. Because of its durability and long useful life as compared to plastic bottles, vinyl generated



substantially less material to be carted off to landfills and the like each year. Vinyl contributes to a smaller carbon footprint because it uses less fuel and emits less carbon dioxide, (CO₂), than alternatives for example, vinyl consumes 24 percent less oil than polyethylene, 37 percent less than polyester, 86 percent less than nylon and 204 percent less than aluminum. Vinyl also has lower CO₂ emissions: vinyl generated 30 percent less CO₂ than polyethylene, 120 percent less than polyester and 260 percent less than aluminum.

5. Installation

Some of the most common methods used for seaming Coastline Plus:

Hot Air Welding

This process of vinyl welding involves the use of hot air—varying from 200 to 600 degrees C or more—to weld two layers of fabric. A nozzle is inserted into the space between the two layers and the hot air is blown inside. Once the surfaces are hot enough, the layers are pressed together using pinch rollers. The weld is created once the rollers are finished pinching the fabrics together.

Radio Frequency Welding

Also known as high frequency or dielectric welding; uses radio waves to create heat.

Solvent Welding

In this process, chemical solvents are used to create a seam. The solvent is placed along the surface of the fabrics and allowed to rest for a short period of time. The solvent's chemicals break down or soften the fabrics. Once the fabrics are soft enough, pressure is applied to create the seam.

Wedge Welding

Two pieces of fabric are passed through a wedge. The wedge is heated and as the fabrics move along, a roller is used to press them together; a seam is created.



Sewing Using Polyester or Teflon Thread

The seam is created using a sewing machine. Proper thread selection is critical especially when outdoor applications are subject to harsh weather elements. Polyester and Teflon threads offer strength and durability.

6. Availability and Cost

Availability

Coastline Plus is readily available with inventory strategically located throughout the United States.

Cost

Cost information can be obtained from the manufacturer or distributor of Coastline Plus.

7. Warranty

Coastline Plus carries a five-year limited manufacturer's warranty. Complete warranty terms and conditions are available from Herculite Products Inc.

Sample warranty here.

8. Maintenance

Coastline Plus Awning Fabric is a polyester reinforced PVC fabric that will provide many years of satisfactory service. It is waterproof, flame, mildew, stain and dirt resistant. The Rain Kleen® surface treatments further enhance longevity and ease of maintenance. Properly fastened to the frame, it will retain its trim fit as well as its protective function and aesthetic value. Since no industrial textile is impervious to all hazards, periodic and proper maintenance is important if maximum life of the product is to be realized. Detailed care and cleaning instructions can be obtained from the manufacturer or distributor of Coastline Plus Awning Fabric.

Detailed care and cleaning information here.

9. Technical Services

Detailed information, product samples and literature, test results, project lists and assistance in preparing specifications are available through Herculite Products, Inc.

For questions about specifications, code regulations, product usage or product installation, please call Herculite Products, Inc. or visit our website: www.herculite.com.

10. Filing Systems

- ConstructConnect
- Additional product information is available from the manufacturer upon request ↗

