

STABRITE® EL 6100 RED-ORANGE

STABRITE® EL is a unique *extended* life fluorescent vinyl film for use in interior and exterior applications where high visibility, outstanding conspicuity and long term durability are required. STABRITE® EL utilizes an optically clear, UV resistant overlamine for prolonged exposure to weather.

CERTIFICATION: United States Coast Guard Spec. No. G-ECV-473A, ASAE S276.7, S279.17, ISO FM65315

ATTRIBUTES:

- 7 mil rigid vinyl film in vivid red-orange fluorescent color immediately draws the attention of the eye and mind
- Provides conspicuity in low light conditions such as twilight, dawn, inclement weather and dimly lit indoor environments
- Reflects visible light present and absorbs light from low energy wavelengths, converting it to visible wavelengths
- Emits up to 180% of the incident visible light for a given color
- Permanent pressure-sensitive adhesive bonds well to flat surfaces and simple curves
- Sheet form liner

CONSTRUCTION:

- Face Film: 7 mil rigid vinyl
- Adhesive: Pressure-sensitive with permanent bonding
- Release Liner: Bleached kraft paper with silicone release

COLOR:

Red-Orange	Before Exposure
Dominant Wavelength (nm)	602-610
Purity %	95 min.
Luminance %	38 min.
Peak Reflectance observable at wavelength nearest dominant	180 min.

PHYSICAL PROPERTIES:

- Outdoor durability: 5 years
- Minimum Application Temperature: 50°F (10°C)
- Application Surface: Flat, simple curves
- Service Temperature Range: -40°F to 176°F (-40°C to 80°C)
- Film Caliper: 8.5 mils plus adhesive and liner
- Chemical Resistance: Resistant to many mild acids, alkalis and salt solutions
- Typical Adhesion Values: 75 oz./in. width on stainless steel after 24 hrs./per PSTC-1
- Shelf life: Two (2) years when stored at 72°F (22°C) and 50% relative humidity

DISCLAIMER: **IMPORTANT NOTICE:** All of the descriptive information, the typical performance data, and recommendations for the use of SMV Technologies (SMV) products shall be used only as a guide and do not reflect the specification or specification range for any particular property of the product. Furnishing such information is merely an attempt to assist you after you have indicated your contemplated use and shall in no event constitute a warranty of any kind by SMV or FLEXcon. All purchasers of SMV products shall be responsible for independently determining the suitability of the material for the purpose for which it is purchased. No distributor, salesman, or representative of SMV or FLEXcon is authorized to give any warranty, guaranty, or make any representation in addition or contrary to the above.

For information on warranty terms, exclusions and certain limitations that apply please visit www.FLEXcon.com/SMVterms.

STABRITE® is a registered trademark of SMV Technologies, Inc., an affiliate of FLEXcon Company, Inc.