

STABRITE® 6100 RED-ORANGE

STABRITE is a unique long life fluorescent vinyl film for use in interior and exterior applications where high visibility, outstanding conspicuity and long term durability are required.

CERTIFICATION: ASAE S276.7, S279.16, ISO 16154

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
- Inherently printable and compatible with a variety of print technologies. We recommend print testing to ensure compatibility with your specific print method.
- 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: 3 years; 5 years when used with approved overlamine
- Minimum Application Temperature: 40°F (4°C)
- Service Temperature Range: -40°F to 176°F (-40°C to 80°C)
- Film Caliper: 7 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

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