



Series 2407/2457

Flexible Engineering Grade Reflective Vinyl Film Product Information

- General Description:** FDC Series 2407/2457 Reflective vinyl films are premium quality flexible, glass beaded lens retro-reflective that renders retro-reflectivity at night. This product is for use on fleet and vehicle markings where application to riveted and corrugated surfaces may be required. This product is highly resistant to the extremes of hot, cold, dry, and humid weathering conditions.
- Optical Properties:** Meets or exceeds applicable requirements ASTM-D-4956-99 and LS-300-C for chemical resistance.
- Colors:** Available in a variety of colors. Call your FDC sales rep for a color selection guide.
- Thickness:** Face film = 5.9mil. Film with adhesive = 6.9mil.
- Application Surface:** Flat and simple curves, corrugations and rivets. **WET APPLICATION IS NOT RECOMMENDED.** Wet application will invalidate warranty.
- Adhesive:** Permanent, clear, pressure-sensitive
- Elongation:** Instron Tester (30 cm/min) 120%
- Adhesion:**
- | <u>Substrate</u> | <u>15Min</u> | <u>24Hrs</u> |
|----------------------|--------------|--------------|
| Anodized Aluminum | 3.4lb/in | 5.3lb/in |
| OEM Automotive Paint | 3.8lb/in | 5.2lb/in |
- Note: Always pretest on specific substrate.**
- Liner:** 90# Flat Liner
- Shelf life:** One year when stored at temperatures under 73°F (23°C) and 50 +/-5% R.H.
- Outdoor Durability:** Up to 7 years when properly processed and applied (vertical exposure, unprinted film).
- Service Temp Range:** -40°F to +180°F (-40°C to 82°C) (Reasonable range of temperatures which would be expected under normal environmental time and temperature conditions.
- Minimum Application Temperature:** Flat & smooth surface: + 55° F (13°C)
Corrugated & Riveted Surfaces: + 60° F (16°C)
- Printability:** Thermal Print Receptive, Screen-Printable. Not recommended for E-Static Printing or Ink Jet.

Warranty: Data provided by FDC is for general information only. This data is not to be used for exacting specification purposes. Always pretest product. Suitability for any given application is the responsibility of the user. Since FDC cannot control the conditions under which the products referred to herein may be used or handled, it can make no guarantee as to the effectiveness, safety or applicability with respect hereto. FDC's only obligation shall be to replace such quantity of product proven to be defective. FDC shall not be liable for any injury, loss or damage, direct or consequential, arising out of the use or the inability to use the product. Before using, the user shall determine the suitability of the product for his intended use, and user assumes all risk and liability whatsoever in connection therewith. The seller, FDC, shall not be liable for any default or delay caused by contingency beyond its control or the control of its supplier including but not limited, short or reduced supply of fuel, or other integral components of the product.

