



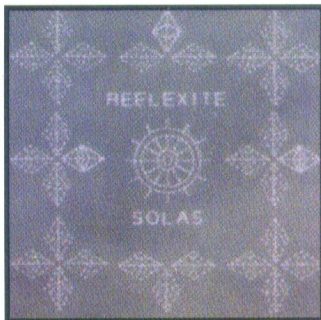
## Engineered Solutions for Marine Conspicuity



As the inventors of microprismatic technology more than 30 years ago, our products continue to provide the best visibility in daytime, poor light and adverse weather conditions. Since 1980, Reflexite® brand retroreflective materials have been used at sea to improve detection during nighttime search and rescue missions.

### ***Typical Applications for Reflexite® Conspicuity Material:***

- Aids to Navigation: Buoys, Dayboards, Channel Markers
- Type I Personal Floatation Devices - Life Jackets
- Type II Personal Floatation Devices - Ring Buoys, Life Floats, Rafts and Life Boats



Reflexite microprismatic technology provides longer sight detection distance compared to traditional reflective materials. Our materials are the brightest approved IMO/SOLAS products available today, reflecting typically more than three times the minimum requirements in the IMO specification.

### ***Features and Benefits of Reflexite® Conspicuity Material:***

- Brightest approved marine material available
- Longest sight detection distance
- Adhesive-backed and sew-on product available
- IMO/SOLAS, USCG, BV certified with "ships wheel" overprinted on film
- Durable - resists abrasion common in marine environments
- Flexible - easily conforms to irregular or pitted surfaces
- Strong - survives continuous immersion in sea water and sub-freezing temperatures

***Reflective Safety Solutions for People & Equipment at Sea***

## Personal Floatation Devices

Typical applications include life jackets, marine garments, ring buoys, lifeboats, and inflatable life rafts.

### **Reflexite® FD1403 for Type I and Type II Applications**

- Thin single layer product.
- Complies with SOLAS/IMO requirements, is approved by the US Coast Guard, European BV and many other countries.
- Certified to Type I applications (e.g. life jackets) and Type II applications (e.g. ring buoys, life floats, raft and life boats).
- Available in silver/white with pressure sensitive adhesive or textile backing
- Product Code:

M82-1545 - Adhesive Backed M82 Polymeric Film for Rigid and Semi-Rigid Substrates

M82-1548 - Sew-On Knit Fabric Backing M82 Polymeric Film for Rigid and Semi-Rigid Substrates

M82-1532 - Sew-On Tyvek® Backing M82 Polymeric Film for Rigid and Semi-Rigid Substrates



### **Reflexite® FD1404 for Type I Flexible and Inflatable Applications**

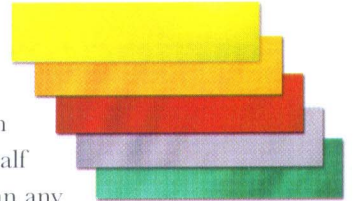
- Thin and flexible single layer construction.
  - Easy to apply and retains 100% adhesion when inflated
  - Complies with SOLAS/IMO requirements, is approved by the US Coast Guard, European BV and many other countries.
  - Certified to Type I applications.
  - Available in silver/white with pressure sensitive adhesive.
  - Product Codes:
- 851-1545 - Adhesive Backing FD 1404 Flex Vinyl Film

## Aids to Navigation (ATON)

Typical applications include buoys, dayboards, and channel markers.

### **AP1000**

- Under simulated search and rescue, Reflexite® AP1000 material has been detected at distances up half a mile. This is farther than any other IMO approved retroreflective material.
  - AP1000 for buoys is flexible, waterproof sheeting with conformable metalized backing and low temperature, pressure-sensitive adhesive.
  - Available in silver, yellow, orange, red and green in roll form. Numbers and letters are available in heights of 6, 8, 10, 12, 16, and 24 inches with color offerings of silver, red and green.
  - Product Code:
- M82-1545 - Adhesive Backed M82 White Polymeric Film for Rigid and Semi-Rigid Substrates
- D82-CC41 - Adhesive Backed D82 Polymeric Film for Rigid and Semi-Rigid Substrates (CC refers to color)



*The International Maritime Organization (IMO) has defined two classes of retroreflective materials:*

- *Type I - Flexible materials not for continuous outdoor exposure.*
- *Type II - Highly weather resistant material for continuous outdoor exposure.*

*All materials SOLAS marine grade, have been approved by the US Coast Guard.*



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