



7050



VizLite® Dual Technology combines two optical sciences retro-reflective and phosphorescence into a single tape. This technology when sewn onto a high visibility safety garment meets latest international standards and brings an additional layer of safety to wearer. VizLite® DT solves the problem traditional retro-reflective tape has always had, it is not visible in low light or zero light condition unless a light source is present to reflect back making it visible in this environment

1 Phosphorescence

2 Retro-reflectivity

Product Code: 7050

Specification: ANSI/ISEA 107-2010 CSA Z96-09
EN ISO 20471:2013
Meets International Standards

Description: 50.8mm silver retro reflective, 10mm each side of photoluminescence and poly cotton fabric backing

Features: VizLite® Dual Technology for sewn applications

Roll Length: 100m

Roll Width: 70.8mm

Roll Weight: 5.6kg

Rolls per box: 4 (400m)

Box Size: 24" X 6" X 6"





Viz Reflectives North America

An introduction to VizLite® Dual Technology

VizLite® Dual Technology tape is used to help visually enhance the wearer in ALL light conditions.

The retro reflective material is constructed from mbeads™, micro beads of high index glass half coated with aluminum. These work like thousands of tiny retro reflectors reflecting light back to the source, offering levels of brightness up to 500 Candelas and making the wearer visible in vehicle headlights in low light and zero light conditions.

VizLite® DT is designed for 25 washes at 40 C minimum domestic wash cycles.



The phosphorescent technology is made from small pigments that contain Strontium Aluminate (Rare Earth Element) which absorbs natural or artificial light (all light is comprised of tiny particles of energy called photons) and releases the energy slowly which is seen by the human eye as a "glow."

This light energy is released when the tape is in a dark or dimly lit environment, this "visible light" is called "afterglow". Once fully charged this "afterglow" can last up to 8 hours and be seen up to a distance of 200 meters.



10 Benefits of VizLite® DT

1. Increases the safety of your workforce when applied to their high visibility safety garment or uniform.
2. Innovative Technology offering the latest safety solution.
3. When applied to Hi Viz garment will fully comply to the latest ANSI ISO 107:2010 standard
4. Two levels of protection with and without presence of light source
5. Powered by natural or artificial UV light
6. Is NOT reliant on batteries
7. Low maintenance
8. Normal Laundry
9. Strong afterglow
10. Lasts up to 8 hours

