

## Product

Reflexite FTP-1500 Series 3" Fire Tapes are thin and flexible fluorescent lime retroreflective fire tapes designed to meet or exceed NFPA 1971, 2013 edition, and Project Fires Design Criteria® 1985, offering superior reflectivity and durability under today's most demanding firefighting conditions.

The smooth sealed outer surface provides superior performance in the critical areas of abrasion resistance, wet performance, cleanability and complies with the requirements of the FHWA Manual on Uniform Traffic Control Devices for retroreflective sheeting.

The product is available in two distinctive and visually appealing patterns, FTP-1575-D with diamond pattern and FTP-1575-S with diamond pattern and additional center stripe.

## Construction

Reflexite FTP-1500 Series 3" Fire Tapes are composed of cube corner (microprism) retroreflective elements integrally bonded to a flexible, smooth-surfaced, weather resistant UV stabilized polymeric film.

The prism surfaces are metalized to protect them from dirt and moisture. The product is provided with a fire retardant fabric backing to facilitate sew-on applications on turnout gear outershell fabrics.

## Reflectivity

Reflexite FTP-1500 Series 3" Fire Tapes have a typical retroreflective value of 850 cd/lux/m<sup>2</sup> (cpl) when measured in accordance with NFPA 1971, 2013 edition. The tape exceeds rainfall and convective heat exposure requirements.

## Color

Reflexite FTP-1500 Series 3" Fire Tapes are available in fluorescent lime-yellow color, offering both superior daytime visibility through 100% fluorescence, as well as outstanding nighttime visibility through reflected color similar to that of its daytime appearance.

## Flame Resistance

When tested in accordance with NFPA 1971, 2013 edition, Reflexite FTP-1500 Series 3" Fire Tapes exceed the minimum requirements for both afterflame (< 2.0 seconds), and char length (< 4.0 inches). Per the requirement, the tape does not melt or drip.

## Wet Performance

When tested according to the NFPA 1971, 2013 edition, Reflexite FTP-1500 Series 3" Fire Tapes will typically retain 70% of their photometric performance when dry.

## Enhanced Surface Preparation (ESP)

Reflexite FTP-1500 Series 3" Fire Tapes are manufactured with a unique Enhanced Surface Preparation (ESP) which minimizes staining of the trim from dyes as a result of bleeding from background fabrics during laundering and intimate contact.

## Cleanability

Reflexite FTP-1500 Series 3" Fire Tapes feature a glossy top surface which is inherently resistant to soiling and allows for easy cleaning. Dirt, soot and smoke stains may be readily cleaned using non-abrasive soap and water, thus restoring significant reflectivity and fluorescence to the product. Reflective elements which are behind the top surface will not be affected.

## Temperature Resistance

Reflexite FTP-1500 Series 3" Fire Tapes fully comply with all the requirements of NFPA 1971, 2013 edition and Project Fires Design Criteria© 1985.

## Sewing Instructions

Reflexite FTP-1500 Series 3" Fire Tapes are of a single layer construction which allows for stitching in any area of the surface. The stitching should be at least 5/64" (2 mm) from the edge of the garment tape. A stitch count of 8-10 stitches per inch is recommended.

### Film Pattern



**FTP-1575-D Part Number 2651-0120-078-030FT**



**FTP-1575-S Part Number 2651-0220-078-030F**

#### IMPORTANT NOTICE

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