Neolite Safety Stripe Series Retroreflective Tape

Product Information

Neolite Safety Stripe Series Retroreflective Tape (NLSS) is a pressure sensitive adhesive hazard stripe reflective marking tape.

Use NLSS to highlight potential hazards which could impact on employee safety. NLSS provides reflective colour during the night and hi-viz during the day.

NLSS is ideal for use on vehicles such as cars, trucks, forklifts, trailers etc. Excellent for onsite equipment such as scaffolds, ladders, pallet jacks, barrows, dump bins, bollards and barriers.

Colors Available

Red/White Stripe

Shelf Life

12 months when stored in the original packaging between 20ºC and 25ºC at 45% relative humidity.

Technical Data

Thickness, total:	0.33mm
Material:	acrylic
Reflective type:	Engineer-Grade reflective
Finish:	semi-gloss
Adhesive:	pressure-sensitive, acrylic, permanent
Compatible surface types:	high surface energy
Application temperature:	18°C to 28°C
Service temperature:	-10°C to 70°C
Outdoor durability:	3 years

Standard Dimensions

Custom widths up to 1220mm wide x 45.7M

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Fabrication

Neolite Safety Stripe Series Retroreflective Tape (NLSS) should be fabricated at 18°C or higher, if the sheeting temperature is less than 18°C, allow it to condition at 18°C to 24°C for at least 24 hours prior to use.

Best application will be achieved by using a motorized or hand operated squeeze roll applicator.

To obtain maximum initial adhesion if applying via hand application, use firm pressure with 5cm rubber roller or plastic squeegee.

Cutting

The sheeting may be hand cut, cold or hot die-cut and electronically cut.

Electronic Cutting Machines

There should be enough down force on the knife blade to slightly score the liner. The knife blade should be sharp and clean.

Cleaning

To clean, signs should be flushed with water, then washed with a mild detergent and bristle brush or sponge. Avoid excessive pressure that may damage the surface. Rinse with water after washing. Do not use solvents to clean signs.

Storage and Shelf Life

Sheeting should be stored flat, in a cool, dry area, preferably at 18ºC to 24ºC and approximately 45% relative humidity and should be applied within one year of purchase.

Rolls should be stored horizontally in the original packaging. Unused portions should be returned to the original packaging or suspended horizontally from a rod or pipe through the core.

Unprinted material may be stored for a period of up to one year. Printed items may be stored for up to an additional six months. Material must be stored in a clean area, free from excessive moisture and direct sunlight, with ambient temperatures of 29°C or less.

General Performance Considerations

The performance and durability of Neolite Safety Stripe Series Retroreflective Tape is dependant on a number of variables including (but not limited to) substrate selection, preparation, application and installation procedures; geographic, climatic and atmospheric conditions and maintenance and age.

NLSS can be expected to provide satisfactory performance for up to 3 years depending on the above variables.

Maximum durability can be expected in applications on stationary objects which subject to vertical exposure and when processed and applied to prepared aluminum according to recommendations.

Applications to unprimed, excessively rough or non-weather-resistant surfaces, or exposure to severe or unusual conditions can shorten the performance of such applications.

Signage applications that are experience extended periods of snow coverage may also have reduced durability.