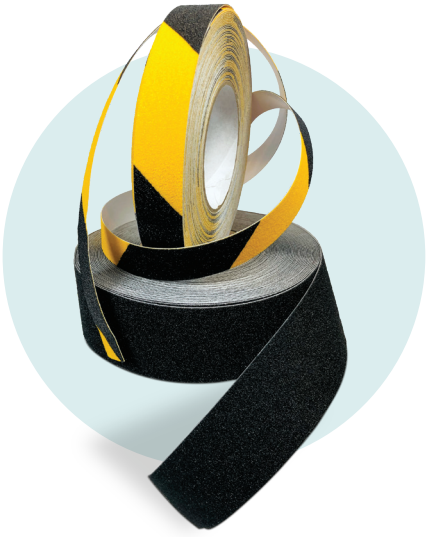
NIW





Product Description

NIW standard anti slip tape is made from a fine grade aluminium oxide, which makes it suitable for use in a wide range of applications.

The grit is a medium anti slip abrasive coating. Our standard NIW is great for general anti slip requirements possessing excellent levels of grip (measured as Coefficient of Friction) and it is suitable for both inside and outside use.

Dimensions

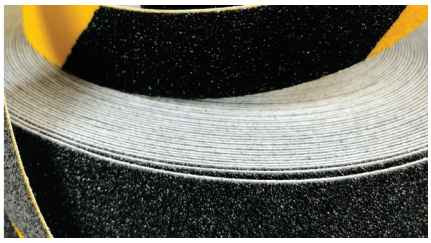
Available in 18.3m lengths and widths of either 25mm or 50mm.

Where to use

NIW safety grip is designed to provide grip in varied applications even if, once applied correctly, oil, water or other contaminants are present. Perfect for pedestrian traffic or light vehicular traffic.

The product is a tough, durable self-adhesive anti slip material for application in a wide range of areas. The material is constructed from a self-adhesive plastic base film. The adhesive is pressure sensitive and its protected by a siliconised treated release paper. The upper surface consists of abrasive aluminium oxide particles held in place by a polymer resin. Prior to setting, the granules are charged by static electricity to help point upwards thus increasing grip levels.





Advantages

- Very tough and extremely durable.
- Ease of application.
- Withstands most chemicals that are present in commercial environments.
- Will adhere to most surfaces if installed correctly.
- High levels of Coefficient of friction (this is how grip is measured)

Coefficient of Friction data

NIW Safety Tape: **Standard**

Dry Surface Test Result: **102 TRL**

Wet Surface Test Result: **71 TRL**

Installation

1. Clean surface thoroughly ensuring removal of any contamination that may prevent the adhesion of the tape. (N.B. It is important to remember that the safety strip will only stick to surfaces that are smooth and free from dirt and grease).
2. Cut the tape to length required.
3. Peel of backing film and place firmly into place. Do not attempt to reposition once the initial adhesion has taken place.
4. If applied externally, the edges must be sealed.

Chemical Composition

Subject	Result	Test Method
Back Carrier	0.1mm PVC	Caliper Method
Type of Adhesive	Solvent Acrylic	N/A
Mineral Type	Aluminium Oxide	N/A
Adhesion to Steel (g/25.4mm^2)	1500	PSTC-4
Tensile Strength (Kg/25.4mm^2)	6.0	PSTC-31
Tear Resistance (g)	5600 +/- 200	PSTC-39
Elongation at break	25%	PSTC-31
Temperature Range	-30°C to +70°C	See Notes Below
Max. size of Production Roll	1168mm x 100m	N/A
Resistance to Water (months)	10	PSTC-35
Resistance to Chemicals (months)	8	PSTC-35
Resistance to Motor Oil	Excellent	PSTC-35
Life (months)	12 - 24	PSTC-9