

Anti slip tape

Date: 23/12/2015

Technical Data Sheet

Description

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 is 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.

Where to normally apply

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.

Advantages of using safety-grip

- Tough, durable.
- High levels of Coefficient of Friction; this is how grip is measured.
- Ease of application.
- Withstands most chemicals that are present in commercial environments.
- Will adhere to most surfaces if the procedures are followed.

Sizes

This product is produced in all sizes and shapes. Maximum width is 1168mm and maximum length is 100m.

Packaging

Boxed in a variety of methods dependent on size or customer requirements. The case is marked with a label showing size, quantity, batch number and internal barcode. Other information is added as required.

Application instructions

Please refer to the detailed application instructions.

Product durability

When applied typically 3 years.

Disposal

This product can be incinerated or disposed of through conventional methods; the waste disposal code is 20.01.04

Product Origin

Manufactured in the UK, either converted in UK site or in US.

Photos



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Data sheet

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	-40°C to +80°C	See notes below
Maximum 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 to 24	PSTC-9

The independent test laboratory at Adhesive Technical Services Ltd performed the temperature test, England (test results available)

Colour	RAL Reference
Black	9004
Blue	5000
Brown	8002
Green	6010
Yellow	1023
Red	3020
Orange	2004
Fluorescent Yellow	1016
White	9003
Beige	1000
Light Brown	-
Grey	7004
Red/White	3000 & 9016
Black/Yellow	1023 & 9017
Vivid Hazard	1018 & 9011

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Coefficient of friction data

Safety-Grip®	Dry surface test result	Wet surface test result
Standard	102 TRL	71 TRL

Temperature Range

Safety-Grip®	Temperature	Observations
Black Standard Anti-slip Tape	-40°C	No visible evidence of peeling or loss of adhesion
Black Standard Anti-slip Tape	+80°C	No visible evidence of peeling or loss of adhesion

The above tests were conducted in accordance with Pendulum, the test was conducted at a recognised independent friction testing laboratory, and copy certificates are available on request. Pendulum is a dynamic test, for static tests, we also have results ASTM C 1028-96.

All the above data is for reference only.