

Safety Grip™ Photoluminescent

Date: 03/06/2020

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. The product is photoluminescent, both the film and the resin are treated. The product is charged by either natural or incandescent lighting. None of the components are radioactive.

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 Heskins 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 Heskins procedures are followed.

Sizes

Heskins produces 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 Heskins internal barcode. Other information is added as required.

Application instructions

Please refer to the detailed application instructions.

Product durability

When applied typically 3 years.

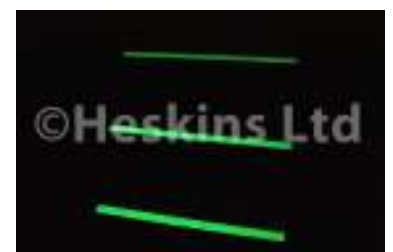
Disposal

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 at the Heskins UK site (Brinscall) or at the Heskins US site (Pennsylvania).

Photos



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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
Peel adhesion, N/25mm	21.1	180° FINAT FTM 1
Tensile strength, N/25mm	95.7	Lloyd, 500N load cell
Elongation at break	25%↑	PSTC-31
Temperature range	-30°C to +70°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)

Glow in the dark safety-grip® results

30 millicandela per m² at 2 minutes, 5mcd after 10 minutes

Photoluminescent tests performed by Luminous Technologies Ltd, England

LRV Test Results

Material/Colour	Av. LRV	Range
H3403X	68	3



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Coefficient of friction data

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

The above test was 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.

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