

NSTS Standard Safety Grip™ 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 siliconized 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 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 46 in and maximum length is 328 ft.

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.

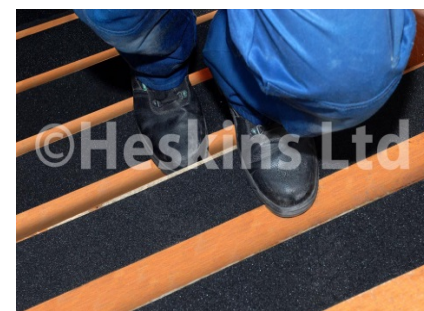
Disposal

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



| Subject | Result | Test Method |
|--|-----------------|--------------------------|
| Back carrier | 0.004in PVC | Calliper Method |
| Total applied thickness | 0.028 in | Calliper Method |
| Type of adhesive | Solvent acrylic | N/A |
| Mineral type | Aluminium Oxide | N/A |
| Adhesion to steel (psi) | 84↑ | PSTC-4 |
| Tensile strength (psi) | 336↑ | PSTC-31 |
| Tear resistance (oz) | 198 +/- 7.05 | PSTC-39 |
| Peel adhesion, lbf/in 20 minute dwell | 5.37 | 180° FINAT FTMI |
| Peel adhesion, lbf/in 24 hour dwell | 6.22 | 180° FINAT FTMI |
| Tensile strength, lbf/in | 15.29 | Lloyd, 112 lbf load cell |
| Elongation at break | 25%↑ | PSTC-31 |
| Temperature range | -40°F to +158°F | See notes below |
| Maximum size of production roll | 66 in x 328 ft | 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)

LRV Test Results

| SKU (Color) | RAL | Pantone | Av. LRV | Range |
|----------------------------------|-------------|------------------|----------|-------|
| NSTS_N (Black) | 9004 | Black U | 3.8 | 0.16 |
| NSTS_R (Red) | 3020 | 032 U | 5.5 | 1 |
| NSTS_O (Orange) | 2004 | 172 U | 18.3 | 1 |
| NSTS_Y (Yellow) | 1023 | 113 U | 42.5 | 3 |
| NSTS_F (Fluorescent Yellow) | 1016 | 395 U | 100 | 0 |
| NSTS_V (Green) | 6010 | 342 U | 2.3 | 1 |
| NSTS_B (Blue) | 5000 | 286 U | 1.3 | 1 |
| NSTS_E (Beige) | 1019 | 4515 U | 30.1 | 3.2 |
| NSTS_G (Brown) | 8002 | 181 U | 0.3 | 1 |
| NSTS_S (Gray) | 7004 | 428 U | 23.5 | 1 |
| NSTS_T (Transparent) | Transparent | Transparent | 25.5 | 2.5 |
| NSTS_W (White) | 9003 | White | 75.3 | 3 |
| NSTS_D (Black/ Yellow Hazard) | 9017 / 1023 | Black 3C / 113 U | 0 / 37.5 | 0 / 3 |



| | | | | |
|--|-------------|------------------|--------------|-------------|
| NSTS_VD (Vivid Black/Yellow Hazard) | 9004 / 1023 | Black 6C / 7408U | 5.1 / 52.17 | 1.72 / 1.15 |
| H3434D (Shaded Black/Yellow Hazard) | 9004 / 1021 | Black 3C / 123U | 8.85 / 46.39 | 2.91 / 1.52 |
| NSTS_A (Red/White Hazard) | 3020 / 9003 | Black U / White | 4 / 72 | 0 / 2 |

| Temperature Range | | |
|------------------------------------|-------------|--|
| Safety-Grip™ | Temperature | Observations |
| Black Standard Anti-slip Tape NSTS | -40°F | No visible evidence of peeling or loss of adhesion |
| Black Standard Anti-slip Tape NSTS | +158°F | No visible evidence of peeling or loss of adhesion |

All the above data is for reference only.
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