SAFE STEP® Standard Tapes and Treads

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Part Code:	Pack Size:
43530	25mm x 18.25m rolls
43531	50mm x 18.25m rolls
43532	100mm x 18.25m rolls
43533	150mm x 18.25m rolls
43535	150 x 600mm treads

Description

SAFE STEP® Standard Tapes and Treads comprise of a mineral coated plastic film treated on one side with a pressure sensitive adhesive, protected by a removable liner.
SAFE STEP® Standard Tapes and Treads provide a hard wearing, slip resistant surface.
Suitable for application to a range of indoor surfaces

Features

- Quick and easy to apply.
- Capable of withstanding temperature extremes.
- Durable (next to diamond hard) anti–slip surface.
- Available in various widths.
- Good resistance to UV light.
- Available in 'fade resistant' black.

Technical Data (Typical)

Colour:	Black
Mineral Particles: Particle Size: Hardness:	Silicone carbide 180-300 microns Mohs scale 9
Bonding Medium:	Copolymer adhesive
Weight of Product:	800-850 g/sq.mtr
Break Strength (ASTM D882):	6500 lbs/sq inch 26 lbs/sq inch of width
Shear Resistance (PSTCTM):	2 lbs/sq inch after 500+ hours
Removal of Film:	Maximum 164 N/m^2
Adhesive Thickness:	100± 10 microns
Application Temperature:	Above 5°C (Air & Surface)
Heat Resistance:	-20 to 90°C

T +44 (0) 113 232 2600
F +44 (0) 113 232 2740
E customer-service@rocol.com
www.rocol.com
ROCOL House, Swillington, Leeds LS26 8BS

Registered Company No. 559693 VAT No. 742 0531 67
Registered Office: Admiral House, St Leonard's Road, Windsor, Berkshire SL4 3BL

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Technical Data

Performance you can trust

Chemical Resistance: (Incidental Contact)	Good resistance to water, motor oil, hydraulic fluid, detergent, petrol, .diesel. (Incidental contact: spills which are rare and not intentional or routine)
Pendulum slip Resistance using TRRL rubber (BS7976)	Slip potential classification
Dry Pendulum Test Values (PTV)	89 (Low slip potential)*
Wet Pendulum Test Values (PTV)	45 (Low slip potential)*
Oily Pendulum Test Values (PTV)	35 (moderate slip potential)*
Shelf Life:	2 years
Suitable Application:	For application indoors. Surface must be clean and dry and free from contamination by oil or grease for example. Not suitable for textured or porous surfaces e.g. untreated concrete, bare wood, unglazed quarry tiles.

*Potential to slip as interpreted in the guideline from UKSRG, 2011 recommended by the HSE

Slip potential classification, based on pendulum test values (PTV)	PTV
High slip potential	0-24
Moderate slip potential	25-35
Low slip potential	36 +

Surface Preparation

All surfaces must be clean, dry and free from oil, grease, petrol, waxes and loosely adhered material prior to application of SAFE STEP® Tapes and Treads.

Metal:
Surface should be free from corrosion and smooth.

Concrete and Masonry:
Must be sound and non-crumbling, with no dust or grit present.

Application

Laying - remove the backing paper and accurately position the adhesive tapes. Start laying at one end and using firm pressure work towards the other end, without trapping air bubbles. A hard rubber or wooden roller may be of assistance. Should there be any trapped air bubbles, these can be punctured and pressed down.

Once the SAFE STEP® High Vis Tape is in place, it is immediately ready for use.

Applying SAFE STEP® High Vis Tape to Difficult Surfaces.
There are some surfaces to which it may be difficult to apply SAFE STEP® High Vis Tape or some that you may be unsure as to the compatibility. - For example, Alkyd or Epoxy resin coatings may have “waxy” ingredients which resist adhesives bonding them and some concretes may contain “anti-freeze” or silicone additives which may repel adhesives. Do not apply SAFE STEP® High Vis Tape to plasticised or vinyl floor coverings. When applying to quarry tiles do not apply over grout. Apply SAFE STEP® Tapes over the quarry tile surface only.
Not suitable for very porous surfaces.

As there are so many variables it is impossible to legislate for every eventuality but as a rule of thumb, **IF YOU ARE UNSURE, TEST IT!**

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Test Patch

As there are so many variables it is impossible to legislate for every eventuality but as a rule of thumb, **IF YOU ARE UNSURE, TEST IT!**

Routine would be to apply a piece of the SAFE STEP® Tape or Tread to a clean, dry surface in a normal traffic area and leave for a minimum of 7 days - if after this time it is still securely applied, the surface should be satisfactorily compatible.

Surface Maintenance

It is essential that SAFE STEP® Tapes and Treads are cleaned regularly to maximise the anti-slip performance. Under normal conditions periodically sweeping with a stiff brush is all that should be required. For heavily soiled surfaces the use of a water based biodegradable detergent cleaner may be used in conjunction with a fibre bristled brush. After cleaning, rinse thoroughly with clean water and allow to dry before use.

Limitations

- We do not recommend applying SAFE STEP® Tapes and Treads to plasticised or vinyl floor coverings.
- Not suitable in areas where any liquid or moisture is normally present, e.g. external applications
- Avoid using cleaning fluids, which contain silicone.
- Avoid applying tapes or treads over cracks or grout lines.

Health & Safety

Safety Data Sheets – Safety data sheets are available for download from our website www.rocol.com or may be obtained from your usual ROCOL® contact.

Disclaimer: *The information in this publication is based on our experience and reports from customers. There are many factors outside our control or knowledge which may affect the use and performance of our products, for this reason it is given without responsibility.*

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