

Product: **SLIPGUARD 4222**

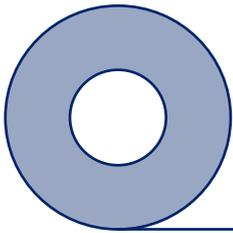
Product group: **Surface Protection Tapes**

## General description

Nitto SLIPGUARD 4222 is a surface protection tape, which protects floors and other material during construction work.

The unique concept of a special 'Anti-slip' embossed PP carrier SLIPGUARD, combined with a high tack acrylic-based adhesive, reduces the risk from falling or slipping on wet floors and enhance safety level on construction sites.

## Construction



- Pressure sensitive acrylic-based adhesive
- White embossed PP film

## Characteristics

The high tack acrylic-based adhesive gives a good bonding to smooth and rougher surfaces and keeps SLIPGUARD on the surface during construction, maintenance and renovation handlings. The "anti-slip" property of the embossed PP carrier improves the safety during the application. Additionally, this carrier has a good resistance against abrasion, tearing and impact. After the performed activities, the product is easy to remove from the protected surface.

## Application

SLIPGUARD 4222 protects flooring material, such as chipboard, wood and carpet against dust, foot prints, construction material, paint and water.

SLIPGUARD is also used to protect spray cabins and aircraft wings during repair and maintenance.

## Features

- anti-slip film
- easy to apply
- good abrasion resistance
- easy to remove after use
- recyclable

**Properties**

	Typical Value	Test Method
Film type	Embossed PP film	
Adhesive type	Acrylic-based	
Total thickness	230 µm	EN 1942
Adhesion on 2B steel	320 cN/20 mm	EN 1939
Weatherability on BA steel*	None	ISO 4892-2
Tensile strength MD**	120 N/20 mm	EN 14410
Elongation MD	600 %	EN 14410
Colour	White	
Transport and storage conditions	Temperature 15 to 30°C	
	Relative humidity 40 to 75% RH	

Details from the test methods are described on the customer product specification.

\* The weatherability is measured on BA steel. Depending on the substrate the weatherability performance can be different.

\*\* MD = Machine Direction

**Warranty**

The product is guaranteed to be free from defect in material and workmanship at the time of delivery and will be suitable for use for a period of 6 months thereafter, subject to the conditions set out herein.

**Availability**

Widths: 1000 mm, 1250 mm

Lengths: 100 m, 200 m

Please contact us for specific dimensions.

**Lamination guidelines:**

- The tape should be applied to clean and dry surface.
- The composition of the tape makes it suitable for manual application.
- The best lamination conditions are obtained at a temperature between 15 °C and 40 °C.

**Application guidelines:**

- Depending on the type of substrate and environment conditions, adhesive residue can appear after removing the tape.
- Surface protection tapes are not meant for permanent protection, they should be removed at the end of the supply chain.

**General conditions of use and precautions:**

The properties of the product might be adversely affected by various elements such as composition, condition and surface of and impurities in or on the substrate, temperature and humidity during storage and the surrounding environment at and after application and time of exterior use. When the product is used in combination with another material or process, the user shall assure the compatibility of the product in such combination and whether this combination results in the expected performance. The same principle applies in the event of product use in extreme conditions or circumstances, whether at or after the moment of application, including extended exposure to sunlight or extreme temperatures and pressure.

**Packaging, transport and storage:**

During transport and storage the product should always be protected against direct sunlight and extremes in temperature and humidity and contained in its original packaging. Once removed from its packaging, it should be promptly applied and remain shielded from direct sunlight and extreme temperature as well as protected against dust and other impurities.

**Liability:**

Except for its wilful misconduct, Nitto Europe's liability shall be limited to a replacement, a reimbursement or an additional delivery of the product, and shall not exceed the purchase price of the products. In no event shall Nitto be liable in respect of any indirect or consequential damages, including loss of profits. The above limitations of liability shall equally apply if Nitto Europe has assisted in any manner with the selection, treatment or application of the product.

**Product information:**

This datasheet provides a general description of the product properties and application scope. Full technical details in connection with this product are presented in the customer product specification, which is available upon request.

Edition: December 2007

Code: DS/12.07/A4 SPV 4222 ENG

This datasheet replaces all previous versions

Nitto Europe NV has obtained following certificates:

- ISO 9001
  - ISO 14001
  - ISO/TS 16949
- Please check our website for applicable scope

If you require additional information on technical properties and application as well as product sampling or testing, please contact your local Nitto Europe sales office.



For your local Nitto Europe sales office, please visit our web site:

**www.nittoeurope.com**

Please be advised that the information reflected in this datasheet is subject to change and the product described herein may be modified or discontinued without notice. Copyright © 2007 NITTO EUROPE NV. All rights reserved.