

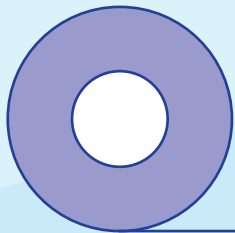
SPV 3102S

General description

SPV 3102S is a surface protection tape suitable to protect metal surfaces and matt plastics during mechanical processes, storage and transportation.

This product consists of a white PE film, coated with a pressure sensitive rubber-based adhesive.

Construction



- Pressure sensitive rubber-based adhesive
- PE film

Characteristics

SPV 3102S protects the substrate till the end of the supply chain against scratches and impurities. The rubber-based adhesive is pressure sensitive and gives a medium adhesion level.

The tape has enough oil resistance and therefore usable to protect metals after milling operations.

This product offers an increased mechanical protection due to the high thickness.

Application

SPV 3102S is an ideal product to protect matt, textured and medium gloss surfaces. Typical substrates are stainless steel, anodised aluminium, plastics and coated metals (acrylic, PUR, polyester and epoxy powder coatings).

CORE FUNCTION



TO PROTECT

Features

- increased mechanical protection
- medium adhesion level
- recyclable



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This datasheet replaces all previous versions



Properties

	Typical Value	Test Method
Film Type	PE film	
Adhesive type	Rubber-based	
Total Thickness	100 µm	EN 1942
Adhesion on BA steel	70 cN/20 mm	EN 1939
Tensile strength MD**	35 N/20 mm	EN 14410
Weatherability on BA steel*	50h	ISO 4892-2
Elongation MD*	300 %	EN 14410
Colour	White	
Transport and storage conditions	Temperature 15 to 30 °C Relative humidity 40 to 75% RH	

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

** MD = Machine Direction

CAUTION: The above are typical values and should not be used in writing specifications. Details from the test methods are described on the customer product specification.

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 and 1500 mm Lengths: 500 m and 1000 m
Please contact us for specific dimensions

Lamination guidelines

- The tape should be applied to clean and dry surface by automatic mechanical means.
- In order to avoid entrapped air-bubbles, excessive tension and shear, the customer should determine appropriate lamination conditions.
- The best lamination conditions are obtained at a temperature between 15 °C and 40 °C.

Application guidelines

- In general, the tape is immediately usable for further processing after lamination.
- It is not advisable to use the product on substrates containing copper.
- This surface protection tape could contain fish eyes and gels. It is not recommended to use this tape for heavy forming processes due to the risk for visual imprints on the substrate.
- SPV 3102S cannot be used for outside exposure.
- Surface protection tape is not meant for permanent protection, they should be removed at the end of the supply chain.

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

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, 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 Belgium'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 Belgium 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.

The information reflected in this datasheet is subject to change and the product described herein may be modified or discontinued without notice.

Nitto Belgium NV has obtained following certificates:

- ISO 9001
- ISO 14001
- IATF 16949

Please check our website for applicable scope

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