

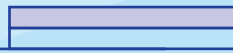
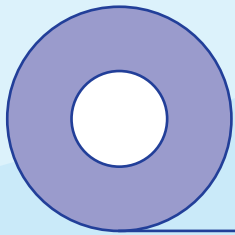
SPV H-SERIES: SPV 4058H / SPV 4088H

General description

SPV H-series are surface protection tapes suitable to protect lacquered plates, plastics and laminates during mechanical processes, storage and transportation.

These products consist of a PE film coated with a pressure sensitive acrylic-based adhesive, available in different colours and thickness.

Construction



- Pressure sensitive acrylic based adhesive
- Clear transparent PE film

Characteristics

These products protect the substrate till the end of the supply chain against scratches and impurities. Depending on the protection required, these tapes are available in a thickness of 50µm and 80µm.

The pressure sensitive acrylic-based adhesive gives a high adhesion level and makes these products ideal for the protection of surfaces with a gloss level between 20 to 40%. Furthermore, the adhesive has a good humidity resistance.

The transparency of H-series allows easy identification and inspection of the protected substrates.

Application

SPV H-series are ideal products to protect low gloss lacquered plates (such as acrylic, PUR, polyester, PVDF, epoxy powder coatings), matt aluminium plates, matt plastics (such as PMMA, ABS, PC, hard PVC) and laminates.

CORE FUNCTION



TO PROTECT

Features

- substrate identification and inspection
- high adhesion level
- good humidity resistance
- recyclable



Edition: January 2019
Code: DS/12.07/A4 SPV H-series ENG
This datasheet replaces all previous versions

Properties

	Typical Value		Test Method
	SPV 4058H	SPV 4088H	
Film Type	PE film	PE film	
Adhesive type	Acrylic-based	Acrylic-based	
Total Thickness	50 µm	80 µm	EN 1942
Adhesion on BA steel	290 cN/20 mm	310 cN/20 mm	EN 1939
Tensile strength MD**	22 N/20 mm	32 N/20 mm	EN 14410
Weatherability on BA steel*	None	None	ISO 4892-2
Elongation MD*	250 %	350 %	EN 14410
Colour	Clear	Clear	
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
Details from the test methods are described on the customer product specification.
CAUTION: The above are typical values and should not be used in writing specifications.

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, 1500 mm, 2000 mm and 2500 mm
Lengths: 500 m and 1000 m
Please contact us for specific dimensions.

Lamination guidelines:

- The tapes 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, these tapes are immediately usable for further processing after lamination.
- SPV H-series cannot be used on stainless steel, neither on lacquers containing softeners (such as PVC lacquers).
- These tapes are not recommended to be use in heavy forming processes.
- SPV H-series cannot be used for outside exposure.

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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