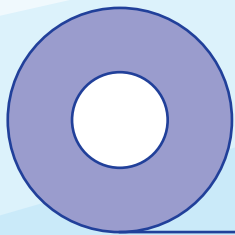


SPV AAP-1MJ

General description

SPV AAP-1MJ is a temporary surface protection tape uniquely designed for aircraft body protection when grounded (parked or stored). This product consists of a blue transparent PVC film coated with a pressure sensitive acrylic-based adhesive. For easy unwind, the backing of the PVC film is coated with a special silicone release.

Construction



- Pressure sensitive acrylic-based adhesive
- Unique blue transparent PVC film
- Silicone release coating

Characteristics

The combination of a special PVC film and acrylic adhesive gives the product excellent sealing properties and weatherability performance.

Due to the release coating, the product is easy to unwind which makes it suitable for manual applications.

The tape has good removability without leaving adhesive residue to the surface.

The transparency of SPV AAP-1MJ allows easy identification and inspection of the protected area.

Application

SPV AAP-1MJ is suitable to temporary protect several surfaces of a grounded aircraft.

This tape is ideal to seal and protect airframe openings, air inlets, door and windshield outlines, wingtips, vertical and horizontal stabilizers.

CORE FUNCTION



TO PROTECT

Features

- excellent sealing properties
- easy removability, no adhesive residue
- high adhesion level
- good weatherability
- easy unwind
- recyclable
- REACH compliant



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This datasheet replaces all previous versions



Properties

Film type	Unique PVC film	
Adhesive type	Acrylic-based	
Total thickness	75 µm	
Adhesive strength	100 cN/20 mm	SUS430BA, 0.3m/min., 180° peeling angle, 20-40 min. dwelling time
Unwind force	20 cN/20 mm	0.3m/min.
Weatherability on BA steel*	Residue not allowed	
Tensile strength	65 N/20 mm	0.3m/min., at breaking point
Elongation	240 %	0.3m/min., at breaking point
Colour	Blue transparent	
Certification	AIRBUS / CML code 774750	
Optimum transport and storage conditions	Temperature 5 to 35 °C Relative humidity 40 to 75% RH	

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. The properties are measured according to the Japanese International Standards (JIS).

* The weatherability is measured on SUS430BA, tensile speed 0.3m/min., peeling angle 180°, residue not allowed after 750h in sunshine weather-o-meter chamber under 108 min. light and 18 min. spray condition. For weatherability, the material is able to withstand MAXIMUM 9 months real outside exposure in climate zone 80 (according to Kilo-Langley global climate zone conditions) with 750 hours in a sunshine weather-o-meter.

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

Width: 1280 mm Length: 200 m
Please contact us for specific dimensions

Lamination guidelines

- The tape should be applied to clean and dry surfaces.
- In order to avoid entrapped air-bubbles, excessive tension and shear, the customer should use squeegee to apply the tape.
- The best lamination conditions are obtained at a temperature between 15°C and 40°C. Do not apply below 10 °C.
- In case a new paint system is used, a compatibility test with the tape is recommended.
- The tape is to be removed / replaced on regular basis.

Application guidelines

- The tape can be applied either when the aircraft is located in the hangar or in outdoor area.
- Surface protection tapes are not meant for permanent protection, they should be removed.

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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Find your local Nitto sales office

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