

SC-140

AEROSEAL®

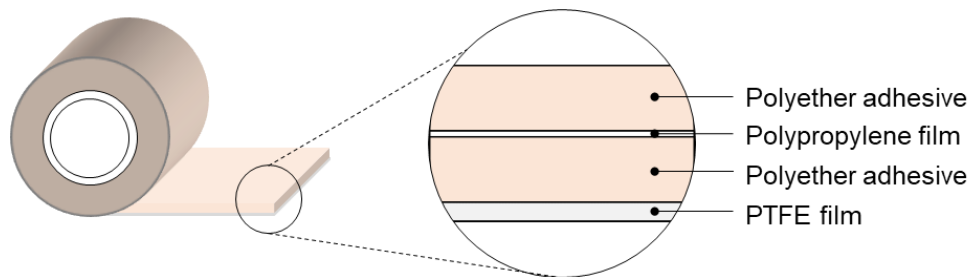
PRODUCT DESCRIPTION

SC-140, also known as "AEROSEAL®", has been created to seal out and ensure against moisture penetration through flat and irregular surfaces. Our SC-140 tape has been designed for use in aerospace and transportation markets.

FEATURES

- SC-140 exhibits good adhesion to most substrates but leaves no residue when removed.
- The smooth PTFE backing allows for easy installation, resistance to abrasion and easy workability.
- May be die cut into various shapes for multiple applications.
- Easy to apply, cost effective and less labor intensive than painting.
- Available in multiple stocking and/or custom sizes.

PRODUCT CONSTRUCTION



APPLICATION

- A single sided moisture barrier tape that performs best when compressed against the substrate.
- Main uses include protecting areas against corrosion such as galleys, underneath floor boards, under lavatories, door sills, stringers, sealing access panels, etc.

PROPERTIES AND SPECIFICATION

Properties	Imperial	Metric
Total Tape Thickness	43 mil	1.1 mm
Tensile Strength ¹⁾	77 lbs/in	270 N/20mm
Adhesion to Steel ²⁾	9.4 oz/in	2.1 N/20 mm
Water Vapor Transmission Rate ³⁾	0.10 g/100 in ² . day	1.6 g/m ² . day
Weight	32 oz/yd ²	1.1 kg/m ²
Operating temperature	-65°F to 176°F	-54°C to 80°C
Government Specification	14 CFR 25.853 Appendix F Part 1 (a) (1) (IV)	

1) Test method: ASTM D1000

2) Peeling angle: 90°, Peeling speed: 12 in/min, Test condition: 74°F(23°C)

3) Test method: ASTM F1239

*CAUTION: The above are typical values and should not be used in writing specifications. Customer is responsible to ensure product meets intended application requirements before approved for use.

SHELF LIFE & GENERAL STORAGE CONDITIONS

The general shelf life and storage conditions for this Nitto, Inc. product are as follows:

- Shelf life for this product is TWENTY FOUR MONTHS FROM DATE OF SHIPMENT.
- Best stored between 50°F-80°F / 10°C-27°C, 25-50% relative humidity; out of direct sunlight.

PRECAUTION REMINDER

Surface should be clean, free of oil, moisture and dirt before applying. Pressure-sensitive adhesive tapes may require pressure by roller, hand or press when applying. Not doing so may affect the general properties and appearance. Please inspect your surface prior to application; this tape may not adhere well to extremely uneven or distorted surfaces. Please remember to allow adequate time for full adhesive strength.

WARRANTY INFORMATION

Unless Nitto agrees otherwise in a written agreement signed by Nitto, the warranty information and other terms of sale can be found in the Nitto Terms and Conditions of Sale in the legal section of www.nitto.com and are hereby incorporated by reference.

TECHNICAL SUPPORT

For questions pertaining to this data sheet or for additional product information; please email us directly at support.us@nitto.com