

DC260

AEROSEAL®

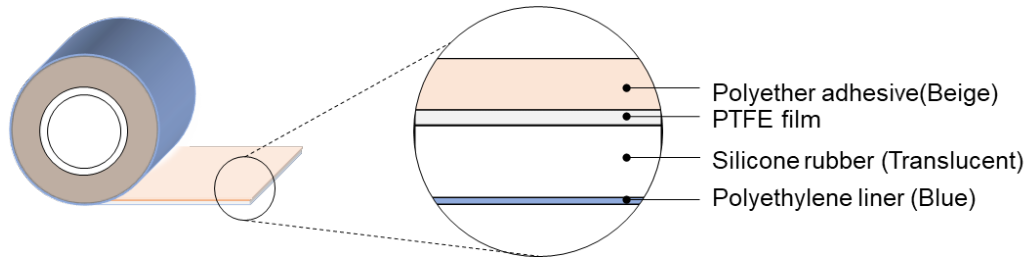
PRODUCT DESCRIPTION

DC260, known as “AEROSEAL®”, is a double-coated, differential pressure sensitive tape that utilizes a unique silicone rubber and polyether adhesive construction to protect against moisture penetration on flat or irregular surfaces in aerospace and transportation applications.

FEATURES

- Good adhesion on the polyether adhesive side and moderate adhesion on the silicone rubber side.
- Silicone rubber is cured, highly hydrophobic, and low durometer to allow for easy conformability and rework ability while also preventing moisture penetration and migration.
- Compressible construction allows for efficient sealing where gasket materials are needed.
- Available in multiple stockings and/or custom sizes.

PRODUCT CONSTRUCTION



APPLICATION

- A double-sided moisture barrier tape that will show its best performance when compressed but leaves no residue.
- 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	60 mil	1.5 mm
Tensile Strength¹⁾	66 lbs/in	230 N/20mm
Adhesion to Steel²⁾ Polyether adhesive side	10 oz/in	2.3 N/20mm
Water Vapor Transmission Rate³⁾	0.10 g/100 in ² · day	1.6 g/m ² · day
Weight	46 oz/yd ²	1.6 kg/m ²
Operating temperature	-65°F to 176°F	-54°C to 80°C
Specifications	https://www.nitto.com/us/en/products/aerospace/AerospaceSpecList_NA/	

1) Test method: ASTM D1000

2) Peeling angle: 90°, Peeling speed: 2 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

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