



Gaska Tape Inc.

Technical Data Sheet for EM426

SCOPE: The material defined by this data sheet is a white, low density polyethylene foam coated on both sides with pressure sensitive acrylic adhesive.

APPLICATION: This material can be used to attach a variety of materials together as well as provide a weather seal and cushion. It is an excellent choice for low temperature applications.

NOTE: Gaska Tape does not warrant application fitness for use – see warranty for details.

REQUIREMENTS: Test values are based on the composite product.

Conditions: All test values herein are based on materials conditioned in a controlled atmosphere of 23 +/- 3 °C and 50 +/- 5% relative humidity for 24 hours prior to testing under the same controlled conditions.

| <u>Test</u> | | <u>Method</u> | <u>Typical Result</u> |
|-------------------------------------|-------|---------------|-----------------------|
| Tensile Adhesion | (psi) | (T Block) | 70 |
| Peel adhesion | (pli) | (QA3002) | 4 |
| Holding Power | (psi) | (QA3006) | 1 |
| Lap Joint (Dynamic) Shear | (psi) | (QA3030) | 60 |
| Recommended Service Temperature | (°F) | | -40 - 160 |
| | (°C) | | -40 - 70 |
| Recommended Application Temperature | (°F) | | 50 - 110 |
| | (°C) | | 10 - 45 |

Scott Hullinger
Technical Services Chemist
January 20, 2008

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Submitted by: Gaska Tape Inc.
1810 W. Lusher Ave.
Elkhart, IN 46517

Date: December 11, 2017

Attn: Chris Habegger

Report No.: 50650-1
P.O. No.: V4285

REPORT

Lab Sample No:

50650-1 Series EG426, (lot #07197), 4# PE foam with Acrylic PSA, (1/8" thickness)

PROCEDURE

Submitted sample was tested according to AAMA 800-16, "Voluntary Specification and Test Methods for Sealants," Section 7, 810.1-16 Expanded Cellular Glazing Tape, Type I.

RESULTS

| <u>Test</u> | <u>Observed Results</u> | <u>Requirements</u> |
|---|-------------------------|---------------------------------------|
| 6.1.2 Compression/ Deflection | Pass | |
| Test A | 12.7 | 5 psi minimum |
| Test B | 8.8 | 4 psi minimum |
| 6.2.2 Low Temperature Flexibility | Pass | No Cracking of Foam |
| 6.3.2 Compression Set | Pass (2.2%) | 6% maximum |
| 6.4.2 Water Absorption | Pass (1.2%) | 7% maximum |
| 6.5.2 Water Penetration | Pass (1.9%) | 15% maximum |
| 6.6.2 Tensile Adhesion (Average of 3 tests) | Pass | 30% elongation and 25 psi minimums |
| a. 77°± 5°F | 111.0% with 65.1 psi | |
| b. 120°± 5°F | 92.7% with 40.2 psi | |
| c. 32°± 5°F | 92.0% with 80.5 psi | |

| <u>Test</u> | <u>Observed Results</u> | <u>Requirements</u> |
|---|-------------------------|--|
| 6.7.2 Peel Adhesion (Average of 3 tests) | Pass | 2.0 lb/in. width minimum Failure mode noted |
| | <u>Aluminum</u> | <u>Glass</u> |
| a. 120° ± 5°F lb/in. width Failure Mode | 7.3 foam | 4.7 psa |
| b. 32° ± 5°F lb/in. width Failure Mode | 8.1 foam | 9.9 foam |

C. Date Testing Started: 11/9/17

Date Testing Completed: 12/11/17

Date Test Report Expires: 12/11/20

D. Tests Conducted At: Dallas Laboratories, Inc. 1323 Wall Street, Dallas TX 75215.

E. Sampled: Initial Submittal

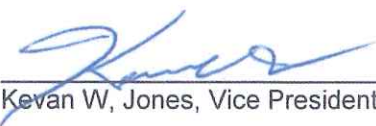
F. Test results indicate that this sample of Expanded Cellular Glazing Tape complies with the performance requirements of AAMA 810.1-16 for Expanded Cellular Glazing Tape, Type I.

DALLAS LABORATORIES, INC.



Lab Test Technician

DALLAS LABORATORIES, INC.



Kevan W. Jones, Vice President

Analyst: GF

KWJ: js