



## TEST REPORT

<b>In Account With</b> <b>VENTEC EUROPE LIMITED</b> <b>Unit 1 Trojan Business Centre</b> <b>Tachbrook Park Drive, Leamington Spa</b> <b>Warwickshire, CV34 6RH</b> <b>United Kingdom</b> <b>Attn: Sunny Kwok</b>	<b>Date</b> <b>May 18, 2026</b>	<b>Page 1 of 2 Pages</b>
	<b>W.O. Number</b> <b>83380-2</b>	<b>Test Report Number</b> <b>TR83380-2</b>
	<b>P.O. No.</b> <b>861</b>	<b>Received</b> <b>04/27/2026</b>

**IDENTIFICATION:** One (1) sample material was submitted for Outgas Testing in accordance with ASTM E595. The test sample was identified as follows:

1) Thinflex A-2010RD

**SPECIFICATION :** ASTM E595.

**REFERENCE :** Purchase Order Number 861.

**TESTING :** Outgas Testing.

**SUMMARY :** The test results, reported herein, are submitted for customer evaluation.

Respectfully submitted,  
PACIFIC TESTING LABORATORIES, INC.

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Laboratory Director

Aileen Shin  
Materials Engineer

## OUTGAS TESTING

### REFERENCE:

ASTM E595.

### REQUIREMENT:

ASTM E595, paragraph 1.5: The criteria used for the acceptance and rejection of materials shall be determined by the user and based upon specific component and system requirements. Historically, a total mass loss (TML) of 1.00% and collected volatile condensable material (CVCM) of 0.10% have been used as screening levels for rejection of spacecraft materials.

### TEST METHOD:

The Outgas Test was performed in a vacuum environment of less than  $5 \times 10^{-5}$  torr according to ASTM E595, for a duration of 24 hours, at 125°C on three specimens per sample (unless otherwise noted). The TML, CVCM, and the amount of Water Vapor Recovered (WVR) were measured after the test and the average values reported.

### RESULTS:

The following tables list the results of the testing:

Table 1. Average Outgas test results.

Sample	TML (%)	CVCM (%)	WVR (%)
Thinflex A-2010RD	<0.01	<0.01	<0.01

Table 2. Testing observation results (for information/reference only).

Sample	Visible Condensate (CVCM)	Percent Covered (CVCM)	Thin / Heavy (CVCM)	Opaque / Transparent (CVCM)	Interference Fringes (CVCM)	Colored Fringes (CVCM)	Appearance After Test (Sample)
Thinflex A-2010RD	Yes	5%	Thin	Opaque	No	No	No change

### REMARKS:

The test results, reported herein, are submitted for customer evaluation.