



Celotex Corporation  
Testing Services

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**PHYSICAL LABORATORY REPORT**

May 24, 1999

**Client:** Film Technologies International, Inc.  
2544 Terminal Dr. So.  
St. Petersburg, FL 33712-1669

**MTS Job No.:** 520232

**Test Date:** March 21, 1999

**Project:** To Measure the Peel Resistance of Glass Film Coating for Film Technologies International, Inc.

**Test Method:** ASTM D3330-96, "Standard Test Methods for Peel Adhesion of Pressure-Sensitive Tape at 180° Angle", Test Method A

**Sample Identification:** Glass Gard 4 mil

**Test Device:** Instron Model 5585 Universal Testing Machine interfaced with an automated data acquisition system. Last calibration September 1998.

**Full Scale Load Range:** 10 lbs.

**Crosshead Speed:** 12 in/min.

**Specimen Dimensions:** 1 x 12 inches

**Number of Specimens per Sample:** 5

**Conditioning:** Specimens were conditioned at 72°F/50%RH for a minimum of 48 hours prior to testing.

**Results:** The following table presents the results for the above testing.

**180° Peel Adhesion**


Specimen I.D.	Maximum Load (lbf)	Average Load (lbf)	Average Peel Adhesion (oz./in.)	Observation
1	5.89	5.65	90.4	*
2	4.93	4.45	71.2	*
3	5.34	4.97	79.5	*
4	4.85	4.38	70.1	*
5	5.63	5.12	81.9	*
Mean	5.33	4.91	78.6	
S.D.	0.45	0.52	8.3	

- *No visual adhesive transfer or splitting observed.*

Tested by:

  
Scott T. Ryan  
Laboratory Technician

Approved by:

  
W. A. Jackson  
Project Coordinator

*This report is for the information of the client. It may be used in its entirety for the purpose of securing product acceptance from duly constituted approval authorities; however, this report or the name of Celotex Corporation shall not be used in publicity or advertising.*



### PHYSICAL LABORATORY REPORT

March 23, 1999

**Client:** Film Technologies International, Inc.  
2544 Terminal Drive So.  
St. Petersburg, FL 33712-1669

**MTS Job No.:** 520138

**Test Date:** March 23, 1999

**Project:** To Measure the Peel Resistance of Glass Film Coating for Film Technologies International, Inc.

**Test Method:** ASTM D3330-96, "Standard Test Methods for Peel-Adhesion of Pressure-Sensitive Tape at 180° Angle", Test Method A

**Sample Identification:** Glass Gard 700 PS SCR-Weathered

**Test Device:** Instron Model 5585 Universal Testing Machine interfaced with an automated data acquisition system. Last calibration September 1998.

**Full Scale Load Range:** 20 lbs.  
**Crosshead Speed:** 12 in/min.  
**Specimen Dimensions:** 1 x 12 inches  
**Number of Specimens per Sample:** 4


**Conditioning:** Specimens were exposed 1200 hours of accelerated aging in a Ci65 Xenon Weather-Ometer. Upon completion specimens were conditioned at 72°F/50% RH for a minimum of 48 hours prior to testing.

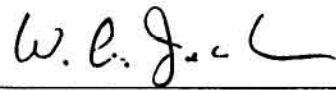
**Results:** The following table presents the results for the above testing.

#### 180° Peel Adhesion

Specimen I.D.	Maximum Load (lbf)	Average Load (lbf)	Average Peel Adhesion (oz./in.)	Observation
1	10.92	10.1	162	*
2	11.0	10.5	168	*
3	10.9	10.5	168	*
4	10.2	9.9	158	*
Mean	10.6	10.3	165	
S.D.	0.5	0.3	5	

\* No visible sign of adhesive transfer or splitting

**Tested by:**   
Scott T. Ryan  
Laboratory Technician

**Approved by:**   
W. A. Jackson  
Project Coordinator