

Cytec Engineered Materials Inc.  
1300 Revolution Street  
Havre de Grace, MD 21078  
Telephone 410-939-1510  
FAX 410-939-8195

**Sold to:**  
COUCH SALES LLC

**Ship to:**  
COUCH SALES LLC

147 ISLAND DRIVE  
HILTON HEAD ISLAND, SC 29926  
UNITED STATES OF AMERICA

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HILTON HEAD ISLAND, SC, 29926  
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**Attention:** QUALITY DEPARTMENT

**Date:** 17-Jun-2019

### CERTIFICATION

We hereby certify, the product identified below was manufactured, inspected, and released to engineering and contractual requirements indicated below, unless otherwise noted, under an ISO9000/AS9100 compliant system at the time of shipment. Product was manufactured in the U.S.A.

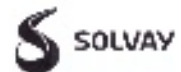
**Cytec Eng Matl Item:** 70430500  
**Item Description:** FM® 1000 ADHESIVE FILM .06 PSF, 34"  
**CEM MSDS No.:** 0061710  
**Lot No.:** 6399  
**Sales Order & Line No.:** 703066828/10-0  
**Packing Slip No.:** 70306682811  
**Customer PO & Line:** CS-18025  
**Date of Manufacture:** 07-Apr-2019  
**Date Shipped:** See Pack List  
**QTY Shipped:** 750.0000 SF  
**Recommended Storage:** 6 Mos. at 85 Deg.F Max. from DOS  
**Specification(s):** A50TF175, Revision S2, Class A  
MMM-A-132, Revision B Notice 2, Type I, Class 1, Form F, Group 4  
**Picked Rolls/Sublots:** 0399-0003  
**Additional Notes:** TEST DATA ATTACHED

This certification has been reviewed and approved electronically by Melanie Kindt, Quality Representative.

Melanie Kindt

Quality Representative

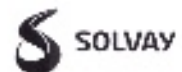
Cytec Eng Matl Item.: 70430500  
 Item Description: FM1000 ADHESIVE FILM .06 PSF, 34"  
 Lot No.: 6399  
 Customer PO & Line: CS-18025  
 --- FM1000 ELASTOMERIC ADHESIVE (.06)  
 Sales Order & Line No.: 703066828/10-0  
 Customer Name: COUCH SALES LLC  
 QTY Shipped: 750.0000 SF



Specification: A50TF175, Revision S2, Class A

Sublot:	Result	Units	Minimum	Maximum
4305-MTL				
<b>LAP SHEAR -- 180°F / 82°C Test Temp</b>				
	SHEAR STRN-IND 3228, 3508, 3460, 3493, 3757, 3800	psi	2,750	
	SHEAR STRN-AVG 3541	psi	2,750	
<b>LAP SHEAR -- 73°F / 23°C Test Temp</b>				
	SHEAR STRN-IND 6031, 5975, 6242, 5886, 6591, 6165	psi	5,500	
	SHEAR STRN-AVG 6148	psi	5,500	
<b>AREAL WEIGHT -- 73°F / 23°C Test Temp</b>				
	AREAL WT-IND 0.0620, 0.0615, 0.0606	lbs/ft <sup>2</sup>	0.0550	0.0650
	AREAL WT-AVG 0.0614	lbs/ft <sup>2</sup>	0.0550	0.0650
	AREAL WT-IND 0.0649, 0.0612, 0.0606	lbs/ft <sup>2</sup>	0.0550	0.0650
	AREAL WT-AVG 0.0622	lbs/ft <sup>2</sup>	0.0550	0.0650
	AREAL WT-IND 0.0647, 0.0617, 0.0609	lbs/ft <sup>2</sup>	0.0550	0.0650
	AREAL WT-AVG 0.0624	lbs/ft <sup>2</sup>	0.0550	0.0650

Cytec Eng Matl Item.: 70430500  
 Item Description: FM® 1000 ADHESIVE FILM .06 PSI, 34"  
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 Customer PO & Line: CS-18025  
 --- FM1000 ELASTOMERIC ADHESIVE (.06)  
 Sales Order & Line No.: 703066828/10-0  
 Customer Name: COUCH SALES LLC  
 QTY Shipped: 750.0000 SF



Specification: MMM-A-132, Revision B Notice 2, Type I, Class 1, Form F, Group 4

Sublot:	Result	Units	Minimum	Maximum
4305-MFL				
<b>LAP SHEAR -- 180°F / 82°C Test Temp</b>				
	SHEAR STRN-IND 3228, 3508, 3460, 3493, 3757, 3800	psi	2,750	
	SHEAR STRN-AVG 3541	psi	2,750	
<b>LAP SHEAR -- 73°F / 23°C Test Temp</b>				
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