



Cytec Engineered Materials Inc.
 1300 Revolution Street
 Havre de Grace, MD 21078
 Telephone 410-939-1910
 FAX 410-939-8195

Sold to:

COUCH SALES LLC
 147 ISLAND DR
 HILTON HEAD ISLAND, SC 29926-3615
 US

Ship to:




COUCH SALES LLC
 147 ISLAND DR
 HILTON HEAD ISLAND, SC 29926-3615
 US

Attention: Quality Department

Print Date: 5-Jul-2022

CERTIFICATION OF ANALYSIS

We hereby certify that the product identified below was manufactured, tested and inspected in accordance with the approved quality system, and the terms of any applicable contract or purchase order confirmation and conforms to the specifications listed herein except as otherwise noted.

Material Item:	160221
Item Description:	FM@ 1000 ADHESIVE FILM .06 PSF, 34 IN
Lot Name:	HG9A51 
Date of Manufacture:	10-Jun-2022
Date Shipped:	See Packing List
Sales Order & Line Number:	3200451 : 10
Delivery Number:	86288546
Quantity Shipped:	2,249.991 ft2 
Customer PO:	CS-22002 
Specification:	MMM-A-132, Revision B Notice 2, Type I, Class 1, Form F, Group 4
 Shelf Life:	 6 months from Date of Shipment Store at or below 29° C (85° F)
 Specification:	 A50TF175, Revision S2, Class A
 Shelf Life:	 6 Mos. at 85 Deg.F Max. from DOS
 Picked Rolls / Sublots:	 001 002 004

This certification has been reviewed and approved by:

Shandaira Hunter

Quality Representative

This document has been generated electronically from the data of our quality database and does not require a signature.
 Date Created: 5-Jul-2022

Material Item: 160221
Item Description: FM® 1000 ADHESIVE FILM .06 PSF, 34 IN
Lot Name: HG9A51



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

IN PROCESS

	<u>Result</u>	<u>Unit</u>	<u>Minimum</u>	<u>Maximum</u>
Sublot: 0001	Segment: ORIGINAL			
AREAL WEIGHT / 1 / MTM-037 / 73°F / 23°C Test Temp				
AREAL WT-IND	0.0551 0.0585 0.0559	lbs/ft ²	0.0550	0.0650
AREAL WT-AVG	0.0565	lbs/ft ²	0.0550	0.0650
Sublot: 0003	Segment: ORIGINAL			
AREAL WEIGHT / 1 / MTM-037 / 73°F / 23°C Test Temp				
AREAL WT-IND	0.0581 0.0561 0.0569	lbs/ft ²	0.0550	0.0650
AREAL WT-AVG	0.0570	lbs/ft ²	0.0550	0.0650
Sublot: 0004	Segment: ORIGINAL			
AREAL WEIGHT / 1 / MTM-037 / 73°F / 23°C Test Temp				
AREAL WT-IND	0.0645 0.0645 0.0650	lbs/ft ²	0.0550	0.0650
AREAL WT-AVG	0.0647	lbs/ft ²	0.0550	0.0650

Material Item: 160221
Item Description: FM® 1000 ADHESIVE FILM .06 PSF, 34 IN
Lot Name: HG9A51



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

MECHANICAL

	<u>Result</u>	<u>Unit</u>	<u>Minimum</u>	<u>Maximum</u>
Sublot: 0001	Segment: ORIGINAL			
LAP SHEAR / 1 / MTM-001 / 73°F / 23°C Test Temp				
SHEAR STRN-IND	6898 6943 6871 7094 7134 6317	psi	5500	
SHEAR STRN-AVG	6876	psi	5500	
LAP SHEAR / 2 / MTM-001 / 180°F / 82°C Test Temp				
SHEAR STRN-IND	3706 3865 3259 3600 3592 3947	psi	2750	
SHEAR STRN-AVG	3662	psi	2750	

Material Item: 160221
Item Description: FM® 1000 ADHESIVE FILM .06 PSF, 34 IN
Lot Name: HG9A51



Specification: A50TF175, Revision S2, Class A

IN PROCESS

	<u>Result</u>	<u>Unit</u>	<u>Minimum</u>	<u>Maximum</u>
Sublot: 0001	Segment: ORIGINAL			
AREAL WEIGHT / 1 / MTM-037 / 73°F / 23°C Test Temp				
AREAL WT-IND	0.0551 0.0585 0.0559	lbs/ft ²	0.0550	0.0650
AREAL WT-AVG	0.0565	lbs/ft ²	0.0550	0.0650
Sublot: 0003	Segment: ORIGINAL			
AREAL WEIGHT / 1 / MTM-037 / 73°F / 23°C Test Temp				
AREAL WT-IND	0.0581 0.0561 0.0569	lbs/ft ²	0.0550	0.0650
AREAL WT-AVG	0.0570	lbs/ft ²	0.0550	0.0650
Sublot: 0004	Segment: ORIGINAL			
AREAL WEIGHT / 1 / MTM-037 / 73°F / 23°C Test Temp				
AREAL WT-IND	0.0645 0.0645 0.0650	lbs/ft ²	0.0550	0.0650
AREAL WT-AVG	0.0647	lbs/ft ²	0.0550	0.0650

Material Item: 160221
Item Description: FM® 1000 ADHESIVE FILM .06 PSF, 34 IN
Lot Name: HG9A51



Specification: A50TF175, Revision S2, Class A

MECHANICAL

	<u>Result</u>	<u>Unit</u>	<u>Minimum</u>	<u>Maximum</u>
Sublot: 0001	Segment: ORIGINAL			
LAP SHEAR / 1 / MTM-001 / 73°F / 23°C Test Temp				
SHEAR STRN-IND	6898 6943 6871 7094 7134 6317	psi	5500	
SHEAR STRN-AVG	6876	psi	5500	
LAP SHEAR / 2 / MTM-001 / 180°F / 82°C Test Temp				
SHEAR STRN-IND	3706 3865 3259 3600 3592 3947	psi	2750	
SHEAR STRN-AVG	3662	psi	2750	