



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: 6-Dec-2021

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:	HG02UT 
Date of Manufacture:	25-Oct-2021
Date Shipped:	See Packing List
Sales Order & Line Number:	3038974 : 10
Delivery Number:	86141873
Quantity Shipped:	1,499.994 ft2 
Customer PO:	CS-21004 
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:	 002 003

This certification has been reviewed and approved by:

Melanie Kindt

Quality Representative

This document has been generated electronically from the data of our quality database and does not require a signature.

Date Created: 6-Dec-2021

Material Item: 160221
Item Description: FM® 1000 ADHESIVE FILM .06 PSF, 34 IN
Lot Name: HG02UT



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	0.0632 0.0622 0.0623	lbs/ft ²	0.0550	0.0650
AREAL WT-AVG	0.0626	lbs/ft ²	0.0550	0.0650
Sublot: 0002	Segment: ORIGINAL			
AREAL WEIGHT / 1 / MTM-037 / 73°F / 23°C Test Temp				
AREAL WT-IND	0.0623 0.0625 0.0625	lbs/ft ²	0.0550	0.0650
AREAL WT-AVG	0.0624	lbs/ft ²	0.0550	0.0650

Material Item: 160221
Item Description: FM® 1000 ADHESIVE FILM .06 PSF, 34 IN
Lot Name: HG02UT



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	6188 6269 6366 6677 6581 6455	psi	5500	
SHEAR STRN-AVG	6423	psi	5500	
LAP SHEAR / 2 / MTM-001 / 180°F / 82°C Test Temp				
SHEAR STRN-IND	2897 2815 2759 3224 2974 2906	psi	2750	
SHEAR STRN-AVG	2929	psi	2750	

Material Item: 160221
Item Description: FM® 1000 ADHESIVE FILM .06 PSF, 34 IN
Lot Name: HG02UT



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	0.0632 0.0622 0.0623	lbs/ft ²	0.0550	0.0650
AREAL WT-AVG	0.0626	lbs/ft ²	0.0550	0.0650
Sublot: 0002	Segment: ORIGINAL			
AREAL WEIGHT / 1 / MTM-037 / 73°F / 23°C Test Temp				
AREAL WT-IND	0.0623 0.0625 0.0625	lbs/ft ²	0.0550	0.0650
AREAL WT-AVG	0.0624	lbs/ft ²	0.0550	0.0650

Material Item: 160221
Item Description: FM® 1000 ADHESIVE FILM .06 PSF, 34 IN
Lot Name: HG02UT



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	6188 6269 6366 6677 6581 6455	psi	5500	
SHEAR STRN-AVG	6423	psi	5500	
LAP SHEAR / 2 / MTM-001 / 180°F / 82°C Test Temp				
SHEAR STRN-IND	2897 2815 2759 3224 2974 2906	psi	2750	
SHEAR STRN-AVG	2929	psi	2750	