

**DIVERSIFIED**  
TESTING LABORATORIES, INC.  
WORLDWIDE SERVICE

“We Test Per Your Request”

336 WEST FRONT STREET  
P.O. BOX 4004  
BURLINGTON, NORTH CAROLINA 27215  
PHONE (336) 227-7710 • FAX (336) 227-1175  
www.diversifiedtestinglabs.com

October 23, 2023

Mr. Samuel Jung  
POINTE INTERNATIONAL INC.  
108 Fairway Court  
Northvale, NJ 07647

Reference: Laboratory Test Report  
Lab Identification No. 56937  
Invoice No. 88433

Dear Mr. Jung:

One (1) fabric sample, identified as **ITEM: AIRE BIO (BIO BASED SILICONE HYBRID)**, was received and tested in accordance with the California Technical Bulletin 117-2013, Section 1, Cover Fabric Test. The results are as follows:

<u>Test Results</u>		
<u>Vertical Char Lengths</u>		
15mm	16mm	13mm

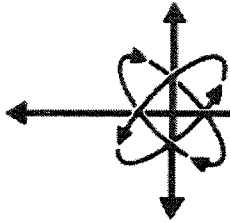
The sample submitted **meets** the requirements of the above standard. There were no ignitions or smoldering after 45 minutes on any of the three specimens tested. In addition, none of the three test specimens displayed a char which was greater than 45 mm.

Sincerely,

Brian S. Dement

BSD/mr





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Dear Mr. Jung:

One (1) fabric sample, identified as **ITEM: AIRE BIO (BIO BASED SILICONE HYBRID)**, was received and tested in accordance with the UPHOLSTERED FURNITURE ACTION COUNCIL Fabric Classification Test Method--1990. The results are as follows:

Test Results

<u>Vertical Char Lengths</u>		
14mm	14mm	14mm

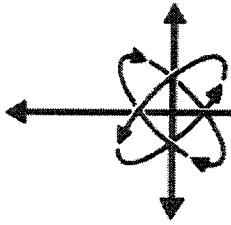
The sample submitted **meets** the requirements of the above standard and is a **Class I Cover Fabric**. There were no ignitions on any of the three specimens tested. In addition, none of the three test specimens displayed a vertical char which was equal to or greater than 44 mm.

Sincerely,

Brian S. Dement

BSD/mr





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Dear Mr. Jung:

One (1) fabric sample, identified as **ITEM: AIRE BIO (BIO BASED SILICONE HYBRID)**, was received and tested in accordance with the NFPA 260, "Cigarette Ignition Resistance of Components of Upholstered Furniture, 2019 Edition", (Cover Fabric Test). The results are as follows:

Test Results

<u>Vertical Char Lengths</u>		
18mm	18mm	20mm

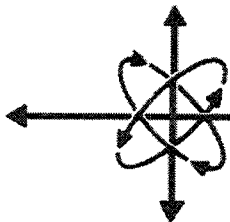
The sample submitted **meets** the requirements of the above standard and may be considered a **Class I Cover Fabric**. There were no ignitions on any of the three specimens tested. In addition, none of the three test specimens displayed a vertical char which was equal to or greater than 45 mm.

Sincerely,

Brian S. Dement

BSD/mr





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Reference: Laboratory Test Report  
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Invoice No. 88433

Dear Mr. Jung:

One (1) fabric sample, identified as **ITEM: AIRE BIO (BIO BASED SILICONE HYBRID)**, was received and tested in accordance with **INTERNATIONAL MARITIME ORGANIZATION, Resolution A.652(16) Methods of Test for the Ignitability by Smokers' Materials of Upholstered Composites for Seating.** Per Appendix A, A.1(b), "The tests only measure the ignitability of a combination of materials used in upholstered seating and not of a particular finished item of furniture incorporating these materials. They give an indication of, but cannot guarantee, the ignition behaviour of the finished item of furniture".

The fabric sample submitted was tested to Section 8.2 Smouldering Cigarette Test. The results are as follows:

Test Results

<u>Smouldering Cigarette</u>	
<u>#1</u>	<u>#2</u>
PASS	PASS
(No flaming ignition or progressive smouldering ignition)	(No flaming ignition or progressive smouldering ignition)

The fabric sample submitted, **meets** minimum requirements of the above standard when tested to smouldering cigarette ignition.

Sincerely,

Brian S. Dement

BSD/mr

