Air Permeability Certificate - Sample

Fabric: 8pt Sharkstooth





Intertek
The Warehouse
Brewery Lane
Leigh, WN7 2RJ

Tel +441942 265 700 consumergoods.uk@intertek.com www.intertek.com

TEST REPORT

Report Ref.	LEI25100080A Original							
Date Received	02/10/2025		Date Issued	03/10/2025				
				,				
Company Name & Address		J&C Joel Ltd						
		Corporation Mill						
		West Yorkshire, HX	6 2QQ					
		GBR						
Contact Name Andrew Wa		Andrew Walsh						
Order Number		79954						
Sample Description		Sharkstooth Gauze						
Colour		White						
Quality		Sharkstooth Gauze						
Supplier		J & C Joel Ltd						
End Use D		Drapery / Backdrop	Drapery / Backdrop					
Weight / Width Various		Various	arious					
Care Instructions Dry Clean Only		Dry Clean Only						
Retailer General Test		General						
		Method		Sample	Result			
*Air Permeability - As Received			ASTM D737:2018			See Results		

Tests marked ($^{\wedge}$) in this report have been performed by an approved 3rd party laboratory. Tests marked (*) in this report are not included in our UKAS scope of accreditation.

Lauren Roberts (Technician)

2. Roberts

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ITS Testing Services (UK) Ltd
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*Air Permeability - As Received ASTM D737:2018 Conditioning Parameters: 20°C±2°C & 65% rH±4% rH

With the clients agreement the Test Conditions used were 20°C±2°C & 65% rH±4% rH. A minor deviation from the specification in ASTM D737 which states a temperature of 21°C±1°C

	Result	Requirement
Average	973.21 ft³/min/ft²	
Minimum	942.05 ft³/min/ft²	
Maximum	1007.98 ft³/min/ft²	
Standard Deviation	24.54	
Coefficient of Variant	2.52	
Test Information		
Test Area: 38.3cm²		
Pressure drop: 125 Pa		
Manufacture of test equipment	SDL	
Model No.	M021a	

Overall Test Result: See Results Uncertainty: ±2.87%

Report Type	Issue Date	Revision Reason	Revision Description
Original	03-Oct-25	Complete Original Issue	N/A

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The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor of k = 2, providing a level of confidence of approximately 95 %. Unless otherwise specified all compliance and pass/fail statements are binary simple acceptance based on the tolerance interval and, with the exception of graded methods, a test uncertainty ratio greater (TUR) than 4:1. For graded methods the TUR will drop to as low as 0.5:1 when the tolerance limits are within a grade division of the upper scale limit. The Uncertainty budgets are stated for each Test method, these are for reference and where a % value is stated it should be applied to the stated result, this % value is accurate at the acceptance limit, where results are significantly different to the acceptance limit the calculated uncertainty may be over or understated. Uncertainty should be carefully considered when results are on or close to Specification Limits / Requirements - in such cases it should be noted that the risk of false acceptance or rejection may be as high as 50%, for further information please refer to ILAC G8.

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