

TEST REPORT

Report Ref.	LEI20093071A Original		
Date Received	30/09/2020	Date Issued	02/10/2020

Company Name & Address	Resource Direct 6 Harrowby Lane Lincolnshire, NG31 9HX GBR
Contact Name	Stephen Hobday

Order Number	1
Sample Description	Face Mask - Air Gill
Colour	Black
Supplier	Air Gill
End Use	Community / Social Distancing
No Of Samples	1
Quoted Fibre Composition	100% Polyester
Retailer	General

Test	Method	Sample	Result
Air Permeability - As Received	BS EN ISO 9237: 1995		Pass

Tests marked (^) 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.

Please Note: Due to insufficient fabric we were unable to perform the testing using the correct amount of samples as stated in the method, these are indicative results only. Please refer the results to the relevant technologist.



Louise Thompson
(Client Services Team Leader)

Air Permeability - As Received BS EN ISO 9237: 1995
Conditioning Parameters: 20°C±2°C & 65% rH±4% rH

	Result	Requirement
Average	185.33 l/m2/sec	≥ 96 l/m2/sec
Minimum	179.30 l/m2/sec	
Maximum	188.36 l/m2/sec	
Standard Deviation	2.91	
Coefficient of Variant	1.57	
95% Confidence Interval		
Lower Value	183.53 l/m2/sec	
Upper Value	187.14 l/m2/sec	
Test Information		
Test Area: 20cm ²		
Pressure drop: 100 Pa		

Overall Test Result: Pass

Uncertainty: ±2.87%

Report Type	Issue Date	Revision Reason	Revision Description
Original	02-Oct-20	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 should be considered when results are on or close to Specification Limits / Requirements and 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.