TESTEX AG, SWISS TEXTILE TESTING INSTITUTE
GOTTHARDSTRASSE 61
POSTFACH 2156
8002 ZÜRICH, SWITZERLAND

OEKO-TEX®
INSPIRING CONFIDENCE

CERTIFICATE

The company

POONG-A CO., LTD.
80, Siu-ro
Danwon-gu, Ansan-si
Gyeonggi-do 15436
Republic of Korea

OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100
SE050 160578 TESTEX
Tested for harmful substances.
www.oeko-tex.com/standard100

is granted authorisation according to STANDARD 100 by OEKO-TEX® to use the STANDARD 100 by OEKO-TEX® mark, based on our test report **SE050 160578.1**

for the following articles:

Commission dyeing:
Circular knit and tricot fabrics made of 100% polyester, polyester/elastane and polyamide/elastane, white, dyed (disperse, acid) and finished (with or without water and oil repellent finishing)

The results of the inspection made according to STANDARD 100 by OEKO-TEX®, Annex 4, **product class II** have shown that the above mentioned goods meet the human-ecological requirements of the STANDARD 100 by OEKO-TEX® presently established in Annex 4 for products with direct contact to skin.

The certified articles fulfil requirements of Annex XVII of REACH (incl. the use of azo colourants, nickel release, etc.), the American requirement regarding total content of lead in children's articles (CPSIA; with the exception of accessories made from glass) and of the Chinese standard GB 18401:2010 (labelling requirements were not verified).

The holder of the certificate, who has issued a conformity declaration according to ISO 17050-1, is under an obligation to use the STANDARD 100 by OEKO-TEX® mark only in conjunction with products that conform with the sample initially tested. The conformity is verified by audits.

The certificate SE050 160578 is valid until 15.11.2020

Zurich, 07.11.2019

Matz Bachmann
Managing Director

Mary Rose Egloff
Customer Service Ecology Manager

Intertek
The Warehouse
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UK

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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.

L Thompson

Louise Thompson
(Client Services Team Leader)

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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: 20cm²		
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

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.