

# CERTIFICATE

## The company

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

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

**OEKO-TEX®**  
CONFIDENCE IN TEXTILES  
**STANDARD 100**



**SE050 160578 TESTEX**

Tested for harmful substances.  
[www.oeko-tex.com/standard100](http://www.oeko-tex.com/standard100)



## TEST REPORT

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

<b>Company Name &amp; Address</b>	Resource Direct 6 Harrowby Lane Lincolnshire, NG31 9HX GBR
<b>Contact Name</b>	Stephen Hobday

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

**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 <sup>2</sup>		
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 client acknowledges and agrees that any services provided and/or reports produced by Intertek are done so within the limits of the scope of work agreed pursuant to the client's specific instructions. This report relates specifically to the sample(s) tested that were drawn and delivered by the client or their nominated third party. Intertek does not make any representation or warranty for any bulk samples or certify the bulk samples received from the client. Furthermore, Intertek does not provide a warranty or verification on the sample(s) representing any specific goods, material and/or shipment and only relate to the sample(s) as received and tested. Intertek have aimed to conduct the review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or willful misconduct. In no event, will the contents of any reports or any extracts, excerpts or parts of any reports be distributed or published without the prior written consent of Intertek in each instance. Only the client is authorized to permit copying or distribution of this report (and then only in its entirety). Any such third parties to whom this report may be circulated rely on the content of the report solely at their own risk.*

*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.*