

**Test Method: ASTM F3502 Standard Specification for Barrier Face Coverings
Airflow Resistance and Filtration Efficiency**

SGS IBR JN: 24082

Report to: Piet Holten
 Pactics North America LLC
 10251 North Oak Knoll Lane
 Tucson, AZ 85737

PO Number: Paid via Credit Card

Description of Sample: PACTICS, Fabric barrier face covering (royal blue/white)

Sample Source: Pactics Cambodia Co., Ltd - Cambodia

Sample Received Date: 26 March 2021



Signed: *Jacob Syriac*
 Jacob Syriac
 Technician, Laboratory C&P

Authorized by: *Daniel R. Miller*
 Daniel R. Miller
 SGS IBR Air Lab Manager

Revision	Editorial or Technical	Description	Approved By	Release Date
		Initial release	DRM	29-Apr-21

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**Test Method: ASTM F3502 Standard Specification for Barrier Face Coverings
Airflow Resistance and Filtration Efficiency**

SGS IBR JN: 24082

Performed for: Pactics North America LLC

Test Date(s): 29 April 2021

Location: Tucson, AZ

Contact: Piet Holten

Description of Sample: PACTICS, Fabric barrier face covering (royal blue/white)

Source: Pactics Cambodia Co., Ltd - Cambodia

Date Received: 03/26/2021

Flow rate: 85 ± 2 lpm

Contaminant: NaCl Aerosol Count Median Diameter 0.075 ± 0.020 µm (Neutralized)

As Received		
Sample ID	Differential Pressure (mmH2O)	Efficiency (%)
24082-1	2	22
24082-2	2	21
24082-3	2	24
24082-4	2	22
24082-5	2	24
24082-6	2	20
24082-7	2	21
24082-8	2	22
24082-9	2	21
24082-10	2	21
Reported Values	2	20

Laundered		
Sample ID	Differential Pressure (mmH2O)	Efficiency (%)
24082-11	4	22
24082-12	3	30
24082-13	4	24
24082-14	3	23
24082-15	4	23
24082-16	4	24
24082-17	4	34
24082-18	4	24
24082-19	4	24
24082-20	3	25
Reported Values	4	22

Washing Instructions:	LP1, Delicate, Very Hot
Drying Instructions:	Hang to Dry
Laundry Cycles:	30
Where Washed:	SGS IBR

Performance Classification	
Sub-micron Particulate Filtration Efficiency	1
Air Flow Resistance	2

Note: Uncertainty not taken into account for purposes of classification.

Notice: These data relate only to the samples tested. This report may be copied only in its entirety.

Performed By: JGS

Data Location: JGS210416

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Test Date(s): 29 April 2021

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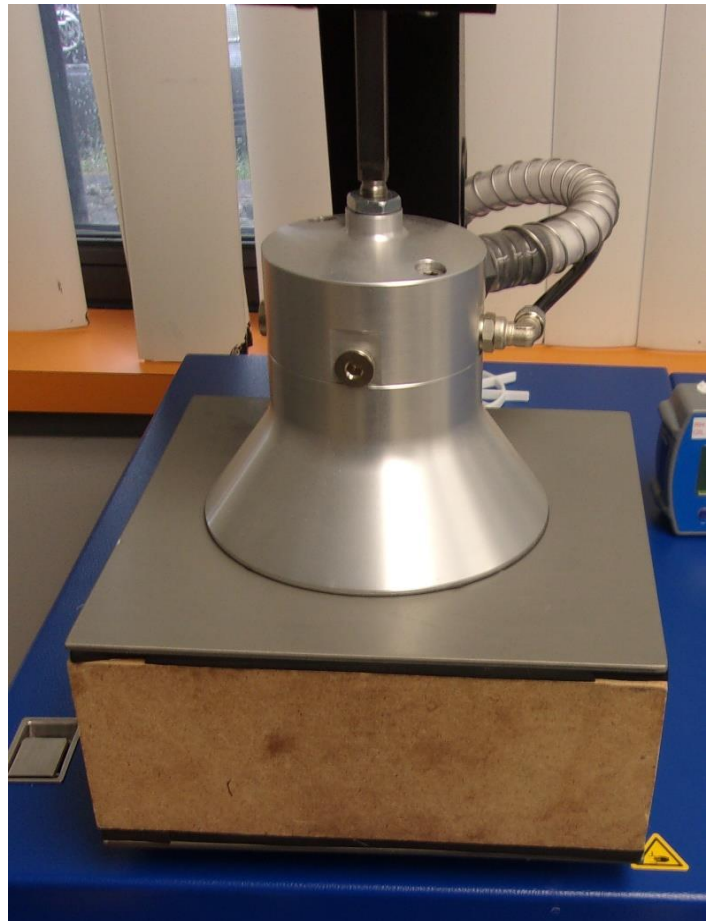
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Note: A wire support was inserted beneath the barrier face covering to help maintain the shape during testing.



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Performed by:JGS

Log Book:JGS210416

IBR ID	Manufacturer	Model No.	Serial No.	Range of Use	Cal Due
ATS-24	TSI	8130A	15720074N2	N/A	1/5/2022
ATS-24	TSI	8130A	8175204808	1.0 µg/m ³ to 200mg/m ³	1/5/2022
ATS-24	TSI	8118A	72047035	N/A	1/5/2022
ATS-24	TSI	4045 (Rev: H)	40452047015	0-300 slpm	11/25/2021
RH-207	Omega	OM-DVTH	421-0215-0466	40-60%/60-80F	2/8/2022
RH-209	Vaisala	PTU300	R3240750	500-1100 hPa	8/11/2021