



TEST REPORT

Report No. : CH:TX:1142017425

DATE : 04/07/2020



GALLERY OF PATCHES IMPEX PRIVATE LIMITED  
37/2/8, SITE IV, INDUSTRIAL AREA, GHAZIABAD  
Uttar Pradesh, SAHIBABAD-201010, INDIA.

CONTACT PERSON : SURESH JAIN

THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS :

SAMPLE DESCRIPTION NON-WOVEN GARMENT  
PROTECTIVE GOWN 30 GSM LAMINATED  
20 + 10 GSM PP+PE  
COLOUR BLUE  
ORDER NUMBER GOPPPG30L  
END USE ISOLATION AND PROTECTION  
COUNTRY OF DESTINATION INDIA  
COUNTRY OF ORIGIN INDIA  
SAMPLE RECD ON 13/06/2020 TESTING PERIOD: 13/06/2020 - 04/07/2020

Summary of Test Results

Test Method	Test Name	Status / Performance Level
AATCC 42-2017	Water Resistance Impact Penetration Test	Refer results
AATCC 127:2018	Hydrostatic test	Refer results

per pro SGS India Private Ltd.

G. NAGESWARA RAO  
EXECUTIVE

Email your Test Report Related Enquiries at Feedback.SLT@sgs.com



RESULTS

**HYDROSTATIC TEST**

**AATCC 127:2018- Option 2**

**Isolation gown**

Machine Type: Hydrostatic Head Tester

Material Side Tested: Face side (As Received)

Rate of increase of water pressure: 60 cmH<sub>2</sub>O/min

Distilled Water Temperature: 21°C

Result:

**Water column (cmH<sub>2</sub>O)**

	1	2	3	4	5
Critical zone-Front panel	181	174	175	174	185
Critical zone-Back panel	176	185	171	182	184
Critical zone-Sleeve panel	189	182	170	188	185
Critical zone-Sleeve seam	17.3	16.1	14.2	15.6	17.6
Critical zone-Arm seam	11.1	15.0	10.0	10.6	12.1
Critical zone-Shoulder seam	14.6	17.3	12.6	18.9	18.9

**Remark:** Liquid barrier performance and classification of protective apparel as per ANSI/AAMI PB70-2012

- 1) Level 2: All critical zone components shall have a hydrostatic resistance of at least 20 cmH<sub>2</sub>O.
- 2) Level 3: All critical zone components shall have a hydrostatic resistance of at least 50 cmH<sub>2</sub>O.



**RESULTS**

**WATER RESISTANCE IMPACT PENETRATION TEST**

**AATCC 42- 2017**

**Isolation gown**

Test Side: Face side

As Received

Observation:

**Weight of blotter gained (g)**

	1	2	3	4	5
Critical zone-Front panel	0.0	0.0	0.0	0.0	0.0
Critical zone-Back panel	0.0	0.0	0.0	0.0	0.0
Critical zone-Sleeve panel	0.0	0.0	0.0	0.0	0.0
Critical zone-Sleeve seam	0.0	0.0	0.0	0.0	0.0
Critical zone-Arm seam	0.0	0.0	0.0	0.0	0.0
Critical zone-Shoulder seam	0.0	0.0	0.0	0.0	0.0

**Remark:** Liquid barrier performance and classification of protective apparel as per ANSI/AAMI PB70-2012

- 1) Level 1: All critical zone components shall have a blotter weight gain of no more than 4.5 grams(g)
- 2) Level 2: All critical zone components shall have a blotter weight gain of no more than 1.0 grams(g)
- 3) Level 3: All critical zone components shall have a blotter weight gain of no more than 1.0 grams(g)

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**RESULTS**

**Barrier performance of fabric and final classification commended**

**Isolation gown**

	<b>Impact Penetration Test AATCC 42 (g)</b>	<b>Hydrostatic Pressure Test AATCC 127 (Cm H2O)</b>	<b>Level</b>	<b>Final Classification</b>
Critical zone-Front panel	0.0	174	Level 3	Level 1
Critical zone-Back panel	0.0	171	Level 3	
Critical zone-Sleeve panel	0.0	170	Level 3	
Critical zone-Sleeve seam	0.0	14.2	Level 1	
Critical zone-Arm seam	0.0	10.0	Level 1	
Critical zone-Shoulder seam	0.0	12.6	Level 1	

Note: Lowest test result was taken from the submitted garment for the final classification

**Remark:**

- 1) The barrier performance of all critical zone components, including seams and points of attachment, shall be determined. The classification of isolation gown shall be a number denoting the performance of the critical zone component having the lower barrier performance.
- 2) Level 1: Impact Penetration Test AATCC 42: <=4.5 g:
- 3) Level 2: Impact Penetration Test AATCC 42: <=1.0 g; Hydrostatic Pressure Test-AATCC 127:>=20 cm H2O;
- 4) Level 3: Impact Penetration Test AATCC 42: <=1.0 g; Hydrostatic Pressure Test-AATCC 127:>=50 cm H2O;



SAMPLE IMAGE



\*\*\*\* End of Report\*\*\*\*