

# Level 2 Surgical Gown Fabric

## INTERTAPE POLYMER GROUP TECHNICAL DATA SHEET

### DESCRIPTION

A light-weight, synthetic polypropylene fabric, one-side coated for use in production of Level 2 Surgical Gowns.

### FEATURES

- Manufactured in Canada by Intertape Polymer Group

### FABRIC SPECIFICATIONS

Base: Spunbond PP

Coating: 0.85 mil average  
(20 g/m<sup>2</sup>)

Color: Blue, grey or other colors available

Weight: 1.09 oz/yd<sup>2</sup> (38g/m<sup>2</sup>) +/- 5 %

Thickness: 3 mil (0.075 mm)  
ASTM D1777

### PERFORMANCE PROPERTIES

The following data are typical values based on ASTM and other standard tests. These data should not be considered specification.

**Strip Tensile** (N/5cm) MD 8 lb/in / CD 5 lb/in  
ASTM D5035

**Tensile Elongation** MD 95% / CD 73%  
ASTM D5035

**Grab Tensile** MD 55 lb / CD 43 lb  
ASTM D5034

**Trapezoidal Tear** MD 8 lb / CD 5 lb  
ASTM D4533

**Mullen Burst** 60 psi  
ASTM D751

**Tongue Tear** MD 2.5 lb / CD 2.0 lb  
ASTM D2261

**Hydrostatic Ponding** 238 cm  
AATCC 127

**Water Impact** 0 g  
AATCC 42



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EFFECTIVE: 03/2020



**ANALYSIS REPORT**  
**SCC Accreditation No.: 40‡**

Mrs. Tawnya MacNeil  
**Intertape Polymer Inc.**

Date: April 2, 2020  
 Report: 948-155S-3B-en

**IDENTIFICATION:** Membrane: Lot E00330001 #ATN1219438 - Level 2 Surgical Gown Material  
 Received: March 31, 2020, PO: 0091616


**STANDARD:**

**TEST:** Water Resistance: Impact Penetration Test AATCC Test Method 42-2017‡


**TEST CONDITIONS:** Conditioning atmosphere: 21°C, 65% R.H.;  
 Apparatus: Impact Penetration Tester (Type I);  
 Water temperature: 27 ± 1°C.  
 Date of test: April 1, 2020

RESULTS:	Individual Data			Avg.	S.D.	% CV
Increase in mass of the blotter (g):	0.0	0.0	0.0	0.0	0.0	0.0

Prepared by:

  
 Dominique Lamoureux, Tech.  
 Technician

Approved by:

  
 Sylvie Dalpé, Tech.  
 Project Leader-Laboratory

Date: April 2, 2020

**\*\*For any information concerning this report, please contact Sylvie Dalpé.\*\***

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Date: April 2, 2020  
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**IDENTIFICATION:** Membrane: Lot E00330001 #ATN1219438 - Level 2 Surgical Gown Material  
 Received: March 31, 2020, PO: O091616

**STANDARD:**

**TEST:** Water Resistance: Hydrostatic Pressure Test - Option 2: Hydrostatic Head Tester AATCC Test Method 127-2018

**TEST CONDITIONS:** Conditioning atmosphere: 21°C, 65% R.H.;  
 Apparatus used: Textest Hydrostatic Head Tester, Model FX 3000;  
 Water pressure applied from below the test specimen;  
 Rate of increasing water pressure: 60 cm/minute.  
 Water temperature (°C): 20.1  
 Type of water: deionized  
 Side of fabric in contact with water: coated  
 Area tested (cm²): 100  
 Date of test: April 1st, 2020

RESULTS:	Individual Data			Avg.	S.D.	% CV
Pressure (cm):	252	236	226	<b>238</b>	13	<b>5.5</b>

Prepared by:

*Nancy Fontaine*  
 Nancy Fontaine, Tech.  
 Project Leader

Approved by:

*Sylvie Dalpé*  
 Sylvie Dalpé, Tech.  
 Project Leader-Laboratory

Date: April 2, 2020

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