



TEST REPORT

DATE: 07-08-2020

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TEST NUMBER: 0268253

CLIENT	Fabric Sources International
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TEST METHOD CONDUCTED	ASTM F3352 Standard Specification for Isolation Gowns Intended for Use in Healthcare Facilities
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DESCRIPTION OF TEST SAMPLE	
IDENTIFICATION	FSI-S-25

GENERAL PRINCIPLE

This specification provides requirements for isolation gowns used for protection of healthcare workers where the potential for exposure to blood, body fluids, and other potentially infectious materials exists. The specification requires barrier testing based on the system of classifying gowns established in AAMI PB70 and sets general safety requirements for gowns. Documentation and reporting requirements are set for important physical properties including tensile strength, tear resistance, seam strength, and barrier performance.

TEST RESULTS

TEST METHOD	CRITERION	RESULTS	QUALIFICATION Per Table 1 and 2
ASTM D5034 Breaking/Tensile Strength	≥30 N (7.0 lbf)	Machine – 13.9 lbf Cross – 24.3 lbf	Meets level 1, 2 and 3
ASTM D5587/D5733 Tear Strength	≥10 N (2.3 lbf)	Machine – 7.9 lbf Cross – 30.2 lbf	Meets level 1, 2 and 3
ASTM D1683 Seam Strength	≥30 N (7.0 lbf)	N/A	N/A
AATCC 42 Water Impact Penetration	#1- <4.5 g AQL 4.0 #2- <1.0 g AQL 4.0 #3- <1.0 g AQL 4.0	0 g	Meets level 1 and 2
AATCC 127 Hydrostatic Resistance	#1- None #2- >20cm AQL 4.0 #3- >50cm AQL 4.0	284 cm	Meets level 1 and 2

This finished material meets ANSI/AAMI PB70 Level 2 Isolation Gown fabric.

APPROVED BY:

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