Disposable Nonwoven Polyethylene Isolation Gown

TEST RESULTS

Water Resistance: Hydrostatic Pressure AATCC 27 (passes level 3 requirements of >50 cmH20)

Table 3. Water Resistance: Hydrostatic Pressure

	315000 EOT-PEXL Front		315000 EOT-PEXL Back		315000 EOT-PEXL Sleeve		315000 EOT-PEXL Sleeve Seam	
Orientation	Outside	SdB	Outside	SdB	Outside	SdB	Outside	SdB
Hydrohead (mbar)								
1	96.2	NA	107	NA	110	NA	115	NA
2	102	NA	104	NA	113	NA	119	NA
3	111	NA	107	NA	104	NA	129	NA
Average	103	NA	106	NA	109	NA	121	NA
Std. Dev.	7.5	NA	1.7	NA	4.6	NA	7.2	NA
Maximum	111	NA	107	NA	113	NA	129	NA
Minimum	96.2	NA	104	NA	104	NA	115	NA
n=	3	NA	3	NA	3	NA	3	NA
Hydrohead (cm of H_2O)	105	NA	108	NA	111	NA	123	NA
Test Parameters								
Temperature (°C)	22.4	NA	22.3	NA	22.3	NA	22.2	NA
Test Pressure Limit (mbar)	1000	NA	1000	NA	1000	NA	1000	NA
Failure Type	3 Drops	NA	3 Drops	NA	3 Drops	NA	3 Drops	NA

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Gradient: 60 mbar/min
Water Type: Deionized Water

Requirement:
Hydrostatic Pressure ≥ 20 cm

Test result:
Hydrostatic Pressure ≥ 100 cm

Water Resistance: Impact Penetration AATCC 42

Table 2. Water Resistance: Impact Penetration

	315000 EOT-PEXL Front	315000 EOT-PEXL Back	315000 EOT-PEXL Sleeve	315000 EOT-PEXL Sleeve Seam
Water Penetration (g)				
1	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0
Average	0.0	0.0	0.0	0.0
Std. Dev.	0.02	0.02	0.02	0.01
Maximum	0.0	0.0	0.0	0.0
Minimum	0.0	0.0	0.0	0.0
n=	3	3	3	3
Test Parameters				
Temperature (°C)	26.0	26.2	26.1	26.2

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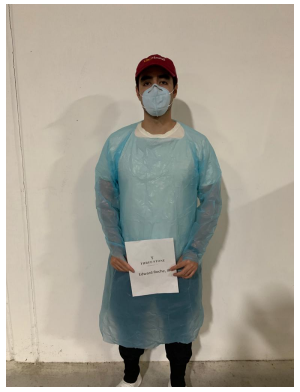
Requirement:
Spray Impact ≤ 1.0 g

Test result:
Spray Impact = 0g

AAMI PB70 guidelines

ANSI/AAMI PB70 Barrier performance	Test method	Test definition		Requirement	Anticipated fluid exposure
AAMI Level 1	Water resistance: Impact penetration AATCC 42	AATCC 42	Measures the resistance of fabrics to the liquid penetration of water by impact	Water impact ≤ 4.5 g	Minimal fluid levels
AAMI Level 2	Water resistance: Impact penetration AATCC 42 Water resistance: Hydrostatic pressure AATCC 27	AATCC 42 AATCC 127	Measures the resistance of fabrics to the liquid penetration of water by impact Measures the resistance of fabrics to the liquid penetration of water by impact under constant and increasing hydrostatic pressure	Spray impact ≤ 1.0 g Hydrostatic Pressure ≥ 20 cm	Low fluid levels
AAMI Level 3	Water resistance: Impact penetration AATCC 42 Water resistance: Hydrostatic pressure AATCC 27	AATCC 42 AATCC 127	Measures the resistance of fabrics to the liquid penetration of water by impact Measures the resistance of fabrics to the liquid penetration of water by impact under constant and increasing hydrostatic pressure	Spray impact ≤ 1.0 g Hydrostatic pressure ≥ 50 cm	Moderate fluid levels
AAMI Level 4	ASTM F1671, Standard Test Method for Resistance of Materials Used in Protective Clothing to Penetration by Blood-Borne Pathogens Using Phi-X174 Bacteriophage Penetration as a Test System	ASTM F1671	Measures the resistance of materials used in protective clothing to penetration by blood borne pathogens using a surrogate microbe under conditions of continuous liquid contact.	Pass	High fluid levels



Specifications

Modell: 315 EOT-PEXL
Size: Universal
Material: PE
Color: Blue
Back Style: Open Back
Neck Style: Over Head Style
Closure Type: Apron Tie
Cuff Style: Thumb Loop
QTY: 1pcs/bag, 200bags/carton