



FUSION® III- HP

Phthalate Free, PVC Free, Halogen Free

TYPICAL PROPERTIES REPORT

PROPERTY			TEST METHOD	AVERAGE TEST RESULTS		DESCRIPTION
PHYSICAL PROPERTIES				English	Metric	
English		Metric				
Weight	oz. per sq. yd.	g/m ²	ASTM D3776	6.5 oz. +/- 10 %	220 g +/- 10%	Lightweight, high performance
Flame Resistance			NFPA 702, Class 1	Pass		16 CFR Part 1632, Cal 117-2013 Sec. 1
Breaking Strength	lbs./in.	N/25 mm	ASTM D5034	W 160 F 105	W 711 F 467	Construction designed for ticking fabrics
Tear Strength	lbs.	N	ASTM D2261	W 10 F 10	W 44 F 44	Excellent tear strength
Hydrolytic Stability	PSI	kPa	QC-P-015	5 mins@5 PSI No leakage		Constructed with non-penetrable surface. Liquid body waste and hospital medicaments cannot penetrate
Water Vapor Permeance, Grams/hour sq. meter			ASTM E96-Water procedure BW	0.44		Engineered to provide optimum resistance to moisture vapor transmission for maintaining patient comfort
Irritation and Cytotoxicity			DIN EN ISO 109993-10 DIN EN ISO 10993-5	no skin irritation, non- cytotoxic		Engineered to be hypoallergenic and comfortable for the user
BIOLOGICAL PROPERTIES						
Antimicrobial to protect the fabric			ISO 22196	Pass		Resistant to organisms that degrade, stain or impart odors
ELECTRICAL PROPERTIES						
Surface Resistivity, OHMS/SQ			AATCC 76	<1.0 x 10e14		Permanent, not a surface treatment. Prevents build-up or retention of dangerous electrostatic charges

FABRICATION: Capable of being fabricated by stitching, ultrasonic welding (face to face) and/or cementing

MAINTENANCE: Only necessary to wipe down with mild soap suds, rinse with warm water, when soiled. Disinfection, if required, follow manufacturers' recommended instructions for disinfectant used.

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