



Engineered Space Optimization



691 New Hampshire Avenue | Lakewood, NJ 08701

unex.com

Quality: “3 OZ. Frosty HFR Laminate”

13 oz. Frosty is a polyvinyl chloride coated PES laminated vinyl fabric on both face and back with a matte finish.

TEST METHOD	TEST DESCRIPTION		VALUES	
	Weight oz./sq. yd.	Weight g/sq. m	13 oz./yd ²	440g/m ²
Count	Scrim		9 x 9/1”	4 x 4/cm
	Denier		1000	1100
FS 5134 / ASTM D2261	Tear Strength (Trapezoid)		105 x 125 lbs./1”	460 x 555 N/2.5cm
FS 5100 / ASTM D5034	Breaking Strength (Grab)		245 x 215 lbs./1”	1089 x 955 N/2.5cm
ASTM D751	Puncture Resistance Average		410 N	
FS 5970 / ASTM D751	Adhesion (2”diagonal strip)		8.8 lb. Minimum	40N/5cm Minimum
ASTM 3884	Abrasion - Taber Wheel H18 (% wgt loss at 500 cy)		2%	
ASTM D2136	Cold Crack -20 F / - 29 C		Passes	
	Sustained Heat 180 F / 82 C			
California Fire Marshal	Flame Resistance		Passes	
	Finish		Matte	
	Treatments		Anti-Mildew	

VI. SPILL or LEAK PROCEDURES

No spill or leak hazards. Place scrap in land field per your local and federal laws and regulatory.

VII. SPECIAL PROTECTION

No special protection required except under conditions of fire or elevated temperatures 250°F. Under such conditions, eye, skin and respiratory personal protective equipment is advised.

VIII. TRANSPORTATION INFORMATION

National Motor Freight Classification (NMFC) 49210, Class 65.

IX. STORAGE PRECAUTIONS

Store in atmosphere temperature range: - 40 °F – 150 °F.

X. DISCLAIMER

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