



PVC COATED FABRICS

SPECIFICATION 18.5 OZ FIRE RATED

<i>Material Description</i>						
Roll Dimensions		Metric		English		
Material Weight		630 gr/m ² +/- 17 gr		18.5 oz/yd ² +/- .5 oz		
Roll Width		1549 mm		61"		
Roll Length		91.44 M		100 yards		
Net Weight		89.1 kg		196 lbs		
<i>Base Fabric</i>						
Fiber		Polyester				
Thickness		0.56 mm		0.020"		
Yarn (Denier)		-		1000*1300		
Fabric Count (Threads)		-		18/17 (fd/inch)		
Type of Coating		E-PVC				
<i>Physical Properties</i>						
				Test Method		
		Metric	English	FS-191	ASTM	DIN
Tensile Strength	Warp	210 kg / 5cm	470 lbs / 2"	FS 5102	ASTM D 5035	DIN 53354
	Fill	220 kg / 5cm	484 lbs / 2"			
Tear Strength	Warp	40 kg	90 lbs	FS 5134	ASTM D 2261	DIN 53356
	Fill	30 kg	70 lbs			
Elongation	Warp	27 %	27 %	FS 5102	ASTM D 5035	DIN 53354
	Fill	35 %	35 %			
Adhesion Strength		7 kg / 5cm	15 lbs / 2"	FS 5970	ASTM D 2724	DIN 53357
Hydrostatic Resistance (psi)		660	660	-	ASTM D 751	DIN 53886
Temperature Resistance		-30 °C ~+70 °C	-22 ~+ 160 °F	-	ASTM D 2136	DIN 53361
Abrasion		0.070 gr	0.0025 oz	FS 5306	ASTM D 3884	-
Weather Stability		-		FS 5660	ASTM G 26	DIN 54004
UV		Exterior Application				
Flame Resistance		NFPA-701			ASTM 1230	DIN 4102 B2

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