



PolyChem 1- Specifications

Material Description						
Roll Dimensions		English		Metric		
Material Weight		18.5 oz/yd ² +/- .5oz		630 g/m ² +/- 17g		
Roll Width		61" , 126"		154.9cm , 320.04cm		
Roll Length		100 yards , 60 yards		91.44 meters , 54.86 meters		
Net Weight		196 lbs		89.1 kg		
Base Fabric						
Fiber		Polyester				
Thickness		.020"		0.56 m/m		
Yarn (Denier)		1000*1300		-		
Fabric Count (threads)		18/17 (fd/inch)		-		
Type of Coating		E-PVC				
Physical Properties						
				Test Method		
		English	Metric	FS-191	ASTM	DIN
Tensile Strength (Strip Method)	Warp	470 lbs/2"	210 kg/5cm	FS 5102	ASTM D 5035	DIN 53354
	Fill	485 lbs/2"	220 kg/5cm			
Tear Strength (Tongue Method)	Warp	90 lbs	40 kg	FS 5134	ASTM D 2261	DIN 53356
	Fill	70 lbs	30 kg			
Elongation	Warp	27%	27%	FS 5102	ASTM D 5035	DIN 53354
	Fill	35%	35%			
Adhesion Strength		15 lbs/2"	7 kgf/5 cm	FS 5970	ASTM D 2724	DIN 53357
Hydrostatic Resistance (p.s.i)		660	660	-	ASTM D 751	DIN53886
Temperature Resistance		-22 ~ +160°F	-30 ~ +70°C	-	ASTM D 2136	DIN 53361
Abrasion		0.0025oz	0.070gr	FS 5306	ASTM D 3884	-
Weather Stability		-	-	FS 5660	ASTM G 26	DIN 54004
UV		For Exterior Applications				

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