



# MILLENNIUM ENTERPRISES, INC.

## PolyChem 6 Specifications

Material Description						
Roll Dimensions		English		Metric		
Material Weight		40 oz/yd <sup>2</sup> +/- 4%		1360 g/m <sup>2</sup> +/- 4%		
Roll Width		61"		154.9cm		
Roll Length		50 yards		45.72 meters		
Net Weight		212 lbs		96.4 kg		
Base Fabric						
Fiber		Polyester				
Thickness		.040"		1.1 m/m		
Yarn ( Denier)		2600*2600		-		
Fabric Count (threads)		15/15 (fd/inch)		-		
Type of Coating		E-PVC				
Physical Properties						
				Test Method		
		English	Metric	FS-191	ASTM	DIN
Tensile Strength (Strip Method)	Warp	950 lbs/2"	430 kgf/5cm	FS 5102	ASTM D 5035	DIN 53354
	Fill	900 lbs/2"	405 kgf/5cm			
Tear Strength (Tongue Method)	Warp	150 lbs	65 kgf	FS 5134	ASTM D 2261	DIN 53356
	Fill	150 lbs	65 kgf			
Elongation	Warp	29%	29%	FS 5102	ASTM D 5035	DIN 53354
	Fill	38%	38%			
Adhesion Strength		22 lbs/2"	10 kgf/5 cm	FS 5970	ASTM D 2724	DIN 53357
Hydrostatic Resistance (p.s.i)		1113	1113	-	ASTM D 751	DIN53886
Temperature Resistance		-22 ~ +160°F	-30 ~ +70°C	-	ASTM D 2136	DIN 53361
Abrasion		0.0021oz	0.060gr	FS 5306	ASTM D 3884	-
Weather Stability		-	-	FS 5660	ASTM G 26	DIN 54004
UV		For Exterior Applications				
Mildew Resistance		For Exterior Applications				

MEI believes this information is the best currently available on the subject. MEI offers it as a suggestion in any appropriate experimentation you may care to undertake. It is subject to revision as additional knowledge and experience are gained. MEI makes no guarantee of results and assume no obligation or liability whatsoever in connection with this information. In case of conflict between standard and metric specifications, standard shall apply.