

Specifications



Technical Data

Product Description: A fabric using .014" diameter vinyl coated 420 denier polyester core yarns woven in the warp and fill direction.

Textilene® nano™ 50 - Item Number: T18FBS

Attribute	ASTM	Warp	Fill	Typical
Construction, end/inch	D3775-12	17.0 ±0.5	14.0 ±0.5	
Weight, oz/yd ²	D3776-09	-	-	5.9
Weight, g/m ²	D3776-09	-	-	200
Tensile Strength (grab), lbf / daN	D5034-09	229.2 / 102	230.7 / 102.6	
Tensile Strength (strip), lbf / daN	D5035-11	111.6 / 49.6	85.5 / 38	
Tear Strength (trapezoidal), lbf / daN	D5733	24.9 / 11.1	42.9 / 19.1	
Elongation, %	D5035-11	29.8	21.6	
Abrasion Resistance (CS10/500 cycles/ with no added weight)	D3884-09	No Exposure of Core Yarn		
Flammability Rating	CA TB 117-2013			
Weatherability, 1200 hours	G154	Trace Discoloration		
Mildew Resistance	G21-13	No Growth		
Thickness, inches/mm	D1777-96	0.021" / 0.533mm		

Textilene® nano™ 55 - Item Number: T18FFS

Attribute	ASTM	Warp	Fill	Typical
Construction, end/inch	D3775-12	17.0 ±0.5	17.0 ±0.5	
Weight, oz/yd ²	D3776-09	-	-	7.1
Weight, g/m ²	D3776-09	-	-	240.7
Tensile Strength (grab), lbf / daN	D5034-09	273.3 / 121.6	339.4 / 151	
Tensile Strength (strip), lbf / daN	D5035-11	100.9 / 44.9	116.1 / 51.6	
Tear Strength (trapezoidal), lbf / daN	D5733	28.2 / 12.5	25.7 / 11.4	
Elongation, %	D5035-11	21.5	29.9	
Abrasion Resistance (CS10/500 cycles/ with no added weight)	D3884-09	No Exposure of Core Yarn		
Flammability Rating	CA TB 117-2013			
Weatherability, 1200 hours	G154	Trace Discoloration		
Mildew Resistance	G21-13	No Growth		
Thickness, inches/mm	D1777-96	0.022" / 0.5588mm		

Textilene® nano™ 60 - Item Number: T18FHS

Attribute	ASTM	Warp	Fill	Typical
Construction, end/inch	D3775-12	17.0 ±0.5	20.0 ±0.5	
Weight, oz/yd ²	D3776-09	-	-	7.3
Weight, g/m ²	D3776-09	-	-	247.5
Tensile Strength (grab), lbf / daN	D5034-09	274.1 / 121.9	232.6 / 103.5	
Tensile Strength (strip), lbf / daN	D5035-11	122.8 / 54.6	107.6 / 47.9	
Tear Strength (trapezoidal), lbf / daN	D5733	35.5 / 15.8	32.6 / 14.5	
Elongation, %	D5035-11	30.8	25.4	
Abrasion Resistance (CS10/500 cycles/ with no added weight)	D3884-09	No Exposure of Core Yarn		
Flammability Rating	CA TB 117-2013			
Weatherability, 1200 hours	G154	Trace Discoloration		

