

SGM™-9

SGM™-9 Mesh Architectural Products

SGM is a trademark for a family of mesh architectural products used in shade applications. The composite is made of fiberglass and polytetrafluoroethylene (PTFE). The mesh construction allows for more lighting to enter the space and allows air to circulate through the fabric.

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Typical Properties¹

Property	Value	Method
Coated Fabric Weight (oz./yd. ²)	21 nominal	ASTM D4851-88
Breaking Strength (lb./in.) (Strain Rate: 2 in./min.)		ASTM D4851-88
Dry, Warp	700 min. avg.	
Dry, Fill	750 min. avg.	
Trapezoidal Tear (lb.)		ASTM D4851-88
Warp	210 min. avg.	
Fill	210 min. avg.	
Translucency (%)	34 nominal	—
Fire Testing	A2-s1-d0	EN 13501
Burning Characteristics		
Flame Spread	0 max	ASTM E84
Smoke Generation	0 max	Tunnel Test
Incombustibility of Substrates	Pass	ASTM E136
Flame Resistance	Pass	NFPA 701, Small Scale
Count (yds./in.)		ASTM D4851-88
Warp	15 min. avg.	
Fill	15 min. avg.	
Weave Style	Mock Leno	—
Open Area (%)	20 nominal	—
Color	Tan (white after exposure to sunlight)	—

¹Values listed are for virgin roll goods only. Appropriate industry safety factors need to be used to account for the in-service effects of handling, weathering, etc.



Listed product ID
#3131108SAT-002



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Supersedes all previous versions.

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