

Suntex® 80/90 Technical Data

Composition	80 and 90: 31% Polyester, 69% Vinyl on Polyester
Mesh Weight	80: 12.9 oz/yd2 (437.38 g/m2) 90: 16.5 oz/yd2 (559.44 g/m2)
Fabric Thickness	80: 0.032" (0.8128 mm) 90: 0.035" (0.889 mm)
Openness Factor	80: Approximately 25% 90: Approximately 10%
UV Blockage	80: Approximately 75% 90: Approximately 90%

	SOLAR OPTICAL					SHGC/G VALUE				
	PROPERTIES					g-tot (glass & blind)				
						Single		Insulating		
	TS	RS	AS	TV	1/8CL	1/4CL	1/4HA	1/2CL	1CL	1HA
SunTex 80 30 Degree Profile Angle, Fabrics Installed Externally										
SunTex 80 Beige	31	30	39	39	0.32	0.31	0.30	0.28	0.27	0.23
SunTex 80 Black26	4	70	37	0.30	0.30	0.28	0.26	0.25	0.22	
SunTex 80 Brown	26	4	70	37	0.30	0.30	0.28	0.26	0.25	0.22
SunTex 80 Grey 26	23	51	36	0.29	0.28	0.26	0.24	0.23	0.21	
SunTex 80 Stucco	30	38	32	36	0.30	0.30	0.28	0.26	0.25	0.22
SunTex 80 Dark Bronze	26	5	69	38	0.30	0.30	0.28	0.26	0.25	0.22

SunTex 90 30 Degree Profile Angle, Fabrics Installed Externally										
SunTex 90 Beige	16	36	48	20	0.19	0.19	0.18	0.16	0.16	0.14
SunTex 90 Black12	4	84	19	0.19	0.19	0.18	0.16	0.15	0.14	
SunTex 90 Brown	12	5	83	18	0.19	0.19	0.18	0.16	0.15	0.14
SunTex 90 Grey 13	27	60	18	0.17	0.17	0.16	0.15	0.14	0.13	
SunTex 90 Stucco	17	44	39	20	0.19	0.19	0.17	0.16	0.16	0.14

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SunTex 90 Dark Bronze	12	5	83	18	0.19	0.19	0.18	0.16	0.15	0.14
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SunTex 80 75 Degree Profile Angle, Fabrics Installed Externally

SunTex 80 Beige	15	36	49	39	0.14	0.14	0.14	0.09	0.09	0.10
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SunTex 80 Black8	6	86	37	0.13	0.13	0.13	0.09	0.09	0.09	
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SunTex 80 Brown	8	7	85	37	0.13	0.13	0.13	0.09	0.09	0.09
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SunTex 80 Grey 12	27	61	36	0.13	0.13	0.13	0.09	0.09	0.09	
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SunTex 80 Stucco	18	42	40	36	0.15	0.15	0.15	0.09	0.09	0.10
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SunTex 80 Dark Bronze	8	10	82	38	0.13	0.13	0.13	0.09	0.09	0.09
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SunTex 90 75 Degree Profile Angle, Fabrics Installed Externally

SunTex 90 Beige	7	37	56	20	0.10	0.10	0.10	0.06	0.06	0.07
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SunTex 90 Black2	6	92	19	0.10	0.10	0.10	0.07	0.07	0.07	
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SunTex 90 Brown	2	7	91	18	0.10	0.10	0.10	0.07	0.07	0.07
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SunTex 90 Grey 5	27	68	18	0.10	0.10	0.10	0.06	0.06	0.07	
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SunTex 90 Stucco	10	42	48	20	0.10	0.10	0.10	0.07	0.07	0.07
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SunTex 90 Dark Bronze	2	8	90	18	0.10	0.10	0.10	0.07	0.07	0.07
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*TS - Solar Transmittance, RS - Solar Reflectance, AS - Solar Absorptance, TV - Visual Transmittance

*SHGC = Solar Heat Gain Coefficient *1/4 CL = 1/4" Clear Glass, 1 HA = 1" Heat Absorbing Glass *Fabrics Installed Internally, Zero-Degree Profile Angle *Solar Heat Gain Coefficient (SHGC) shown calculated according to Office of Building Technology, State and Community Programs, Energy Efficiency and Renewable Energy, U.S. Department of Energy's definition of SHGC. SHGC represents the percentage of solar heat gain that is transmitted to the interior through the glass and shading system. If you are using glass whose performance is listed in terms of SC, you may convert to SHGC by multiplying the SC by 0.87.