

# Fabric Specification: E-Screen 7510

## E-Screen 7510

Openness Factor:	±10%
UV Blockage:	±90%
Standard Roll Widths:	78", 98", & 122"
Composition:	36% Fiberglass / 64% Vinyl
Mesh/Inch:	56 Warp / 38 Fill
Mesh Weight:	10.30 oz./yd <sup>2</sup>
Fabric Thickness (inch):	0.016
Breaking Strength (lbs):	243 Warp / 204 Fill
Environmental Certification:	GREENGUARD Indoor Air Quality Certified for low emissions (LEED™) GREENGUARD for Children and Schools Certified
Fire Classification:	California U.S. Tile 19, NFPA 701-89 (small & large scale), NFPA 701-96 TM #1



Style #	Color	Solar Optical Properties					Shading Coefficient with -----Single-----		
		TS	RS	AS	TUV	TV	1/8 CL	1/4 CL	1/4 HA
0202	White/White	23	60	17	9	17	0.39	0.39	0.35
0207	White/Perle	17	49	34	9	14	0.46	0.45	0.38
0220	White/Linen	21	56	23	10	16	0.42	0.41	0.36
0707	Perle/Perle	12	36	52	9	11	0.54	0.52	0.41
0720	Perle/Linen	14	41	45	9	12	0.51	0.49	0.40
2020	Linen/Linen	19	52	29	10	14	0.44	0.43	0.37
3001	Charcoal/Gris	8	8	84	9	9	0.72	0.68	0.50
3006	Charcoal/Bronze	8	5	87	7	9	0.74	0.70	0.51
3030	Charcoal/Charcoal	8	4	88	7	8	0.74	0.70	0.51

Performance evaluations conducted by Matrix, Inc., Mesa, Arizona.

TS = Solar Transmittance                      1/8 CL = 1/8" Clear Glass  
 RS = Solar Reflectance                      1/4 CL = 1/4" Clear Glass  
 AS = Solar Absorptance                      1/4 HA = 1/4" Heat Absorbing Glass  
 TUV = Ultra-Violet Transmittance  
 TV = Visual Transmittance

The solar optical properties are used to calculate the shading coefficient. The shading coefficient represents the percentage of solar heat gain that is transmitted to the interior through the glass and shading system. Darker colors provide maximum glare reduction and visibility.