

EcoVeil®

1% open | 3% open | 5% open
1750 series | 1550 series | 1350 series

This series is composed of a technically advanced material woven in a 2 x 2 basket-weave pattern and is a truly eco-effective solar sunscreen. As a Cradle to Cradle Certified™ product, it can be reclaimed, recycled, and remain in a perpetual loop of continuous use.

Fire Classification | NFPA 701

Railroading Available | No

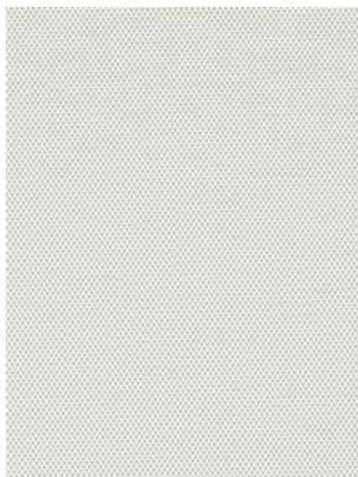
Stocked Width | 126"



order free swatches &
up-to-date shade cloth information



White
1751 | 1551 | 1351



Silver Birch
1769 | 1569 | 1369



Eggshell
1766 | 1566 | 1366



Beige
1752 | 1552 | 1352



Grey
1763 | 1563 | 1363



Shadow Grey
1770 | 1570 | 1370



Black/Brown
1754 | 1554 | 1354



EPD® Declare.

Mecho®

EcoVeil® Shade Cloth Properties

1% open 1750 series

#	Name	Fabric Content	Solar Optical Properties				Single Shading Coefficient			Insulating Shading Coefficient		
			Ts	Rs	As	Tv	1/8CL	1/4CL	1/4HA	1/2CL	1CL	1HA
1751	White	100% Thermoplastic Olefin (TPO)	17	72	12	14	0.29	0.30	0.30	0.28	0.29	0.24
1769	Silver Birch	100% Thermoplastic Olefin (TPO)	7	54	39	5	0.40	0.39	0.35	0.38	0.37	0.28
1766	Eggshell	100% Thermoplastic Olefin (TPO)	9	60	32	5	0.36	0.36	0.33	0.34	0.34	0.27
1752	Beige	100% Thermoplastic Olefin (TPO)	5	51	44	2	0.41	0.41	0.36	0.39	0.38	0.29
1763	Grey	100% Thermoplastic Olefin (TPO)	2	25	73	1	0.59	0.56	0.44	0.56	0.52	0.36
1770	Shadow Grey	100% Thermoplastic Olefin (TPO)	1	9	90	1	0.70	0.66	0.49	0.66	0.60	0.41
1754	Black/Brown	100% Thermoplastic Olefin (TPO)	0	5	95	0	0.72	0.68	0.50	0.68	0.62	0.42

Acoustic Performance

0.65 NRC, 0.67 SAA

Mesh Weight

14.51 oz/yd²

Fabric Thickness

0.0358 in

Embodied Carbon

4.16 kg CO₂/yd²

3% open 1550 series

#	Name	Fabric Content	Solar Optical Properties				Single Shading Coefficient			Insulating Shading Coefficient		
			Ts	Rs	As	Tv	1/8CL	1/4CL	1/4HA	1/2CL	1CL	1HA
1551	White	100% Thermoplastic Olefin (TPO)	21	67	12	18	0.34	0.34	0.32	0.32	0.32	0.25
1569	Silver Birch	100% Thermoplastic Olefin (TPO)	12	50	38	9	0.44	0.43	0.37	0.41	0.40	0.30
1566	Eggshell	100% Thermoplastic Olefin (TPO)	12	58	31	8	0.38	0.38	0.34	0.36	0.35	0.27
1552	Beige	100% Thermoplastic Olefin (TPO)	8	49	43	4	0.44	0.43	0.37	0.41	0.40	0.3
1563	Grey	100% Thermoplastic Olefin (TPO)	4	25	71	3	0.6	0.57	0.44	0.56	0.52	0.37
1570	Shadow Grey	100% Thermoplastic Olefin (TPO)	4	9	87	4	0.71	0.66	0.49	0.66	0.60	0.41
1554	Black/Brown	100% Thermoplastic Olefin (TPO)	3	5	92	3	0.73	0.69	0.50	0.69	0.62	0.42

Acoustic Performance

0.35 NRC, 0.38 SAA

Mesh Weight

13.57 oz/yd²

Fabric Thickness

0.034 in

Embodied Carbon

4.16 kg CO₂/yd²

5% open 1350 series

#	Name	Fabric Content	Solar Optical Properties				Single Shading Coefficient			Insulating Shading Coefficient		
			Ts	Rs	As	Tv	1/8CL	1/4CL	1/4HA	1/2CL	1CL	1HA
1351	White	100% Thermoplastic Olefin (TPO)	21	65	15	17	0.35	0.35	0.33	0.33	0.33	0.26
1369	Silver Birch	100% Thermoplastic Olefin (TPO)	14	49	37	12	0.45	0.44	0.37	0.43	0.41	0.30
1366	Eggshell	100% Thermoplastic Olefin (TPO)	15	55	30	11	0.41	0.40	0.35	0.39	0.38	0.29
1352	Beige	100% Thermoplastic Olefin (TPO)	10	49	41	7	0.44	0.43	0.37	0.42	0.40	0.30
1363	Grey	100% Thermoplastic Olefin (TPO)	6	25	69	5	0.60	0.57	0.44	0.57	0.52	0.37
1370	Shadow Grey	100% Thermoplastic Olefin (TPO)	4	5	91	4	0.73	0.69	0.50	0.69	0.62	0.42
1354	Black/Brown	100% Thermoplastic Olefin (TPO)	6	5	89	6	0.74	0.70	0.51	0.69	0.63	0.43

Acoustic Performance

Negligible

Mesh Weight

12.68 oz/yd²

Fabric Thickness

0.034 in

Embodied Carbon

4.16 kg CO₂/yd²

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.

Ts = Solar Transmittance
Rs = Solar Reflectance
As = Solar Absorptance
Tv = Visual Transmittance

1/8CL = 1/8" Clear Glass
1/4CL = 1/4" Clear Glass
1/4HA = 1/4" Heat Absorbing Glass

1/2CL = 1/2" Insulating Clear Glass
1CL = 1" Insulating Clear Glass
1HA = 1" Insulating Heat Absorbing Glass