

Compass

This fabric is a reverse twill – a two-sided traditional twill pattern made of vinyl on a polyester core yarn.

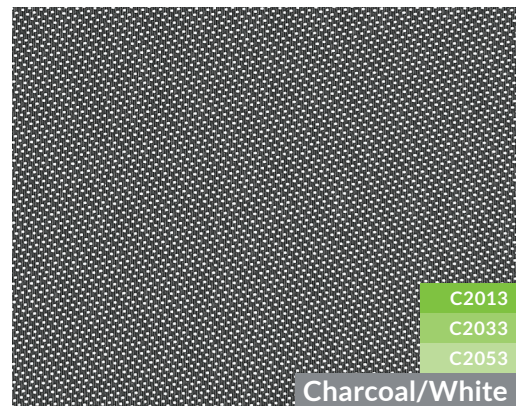
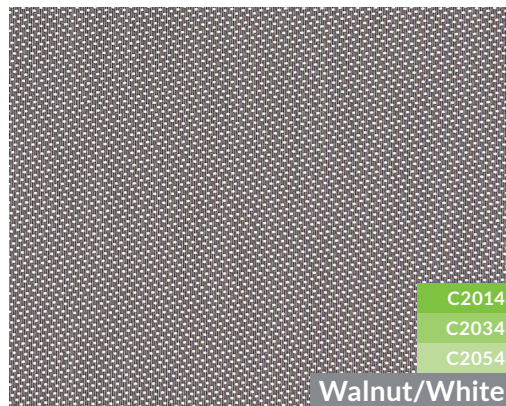
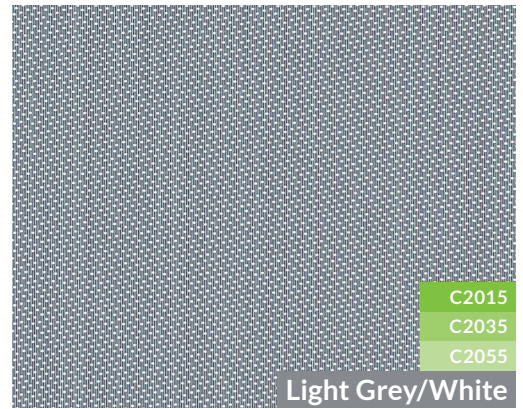
Fire Classification | NFPA 701

Railroading Available | 1% & 3%



1%
3%
5%

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Compass Shade Cloth Properties

1%

Acoustic Performance | 0.40 NRC | 0.45 SAA

Mesh Weight | 14.68 oz/yd²

Fabric Thickness | 0.026 in

#	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
C2016	White	78% PVC / 22% Polyester	14	74	12	11	0.26	0.28	0.29	0.25	0.27	0.22
C2011	Sand/White	78% PVC / 22% Polyester	16	67	17	12	0.33	0.33	0.32	0.31	0.31	0.25
C2015	Light Grey/White	78% PVC / 22% Polyester	7	29	64	4	0.57	0.55	0.43	0.54	0.50	0.36
C2012	Stone/White	78% PVC / 22% Polyester	10	47	43	6	0.46	0.44	0.38	0.43	0.41	0.31
C2014	Walnut/White	78% PVC / 22% Polyester	4	19	77	3	0.64	0.60	0.46	0.60	0.55	0.38
C2013	Charcoal/White	78% PVC / 22% Polyester	4	17	79	3	0.65	0.61	0.46	0.61	0.56	0.39

3%

Acoustic Performance | 0.10 NRC | 0.15 SAA

Mesh Weight | 13.12 oz/yd²

Fabric Thickness | 0.025 in

#	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
C2036	White	78% PVC / 22% Polyester	19	70	11	16	0.31	0.32	0.31	0.29	0.30	0.24
C2031	Sand/White	78% PVC / 22% Polyester	21	62	18	16	0.38	0.37	0.34	0.35	0.35	0.27
C2035	Light Grey/White	78% PVC / 22% Polyester	9	24	67	7	0.62	0.58	0.45	0.58	0.53	0.37
C2032	Stone/White	78% PVC / 22% Polyester	14	43	43	10	0.49	0.48	0.39	0.46	0.44	0.32
C2034	Walnut/White	78% PVC / 22% Polyester	5	14	81	4	0.67	0.64	0.48	0.63	0.58	0.40
C2033	Charcoal/White	78% PVC / 22% Polyester	6	11	83	5	0.69	0.65	0.49	0.65	0.59	0.41

5%

Acoustic Performance | negligible

Mesh Weight | 12.62 oz/yd²

Fabric Thickness | 0.025 in

#	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
C2056	White	78% PVC / 22% Polyester	22	67	11	19	0.34	0.34	0.32	0.31	0.32	0.25
C2051	Sand/White	78% PVC / 22% Polyester	22	61	17	18	0.39	0.38	0.35	0.36	0.35	0.27
C2055	Light Grey/White	78% PVC / 22% Polyester	11	25	64	8	0.61	0.58	0.45	0.57	0.53	0.37
C2052	Stone/White	78% PVC / 22% Polyester	17	43	40	13	0.50	0.49	0.40	0.47	0.44	0.32
C2054	Walnut/White	78% PVC / 22% Polyester	9	16	75	8	0.67	0.64	0.48	0.63	0.58	0.40
C2053	Charcoal/White	78% PVC / 22% Polyester	9	13	78	8	0.69	0.65	0.49	0.65	0.59	0.41

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