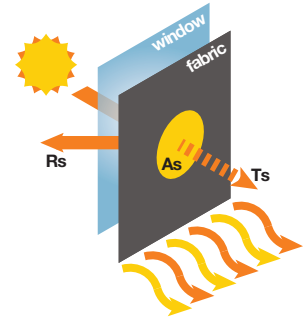


EPT-301AC • 1% Acoustical Fabric									
Composition	100% Trevira CS								
Openness Factor	Average 1%								
Standard Width	98", 118" option for all XL colours 2.5m, 3m								
Standard Length	54.68yd 50m								
Weight	7.96oz / sqyd ± 5% 270g / sqm ± 5%								
Thickness	0.019in ± 5% 0.49mm ± 5%								
Flammability	B1, M1								
Sound Absorption	α _w = 60% (200mm) according to DIN EN ISO 354								
Colourfastness	acc. to DIN EN ISO 105 B2: 6 - 7								
Colour	1XL arctic	2XL beach	144XL savanna	82 sahara	22 dune	83 woods	23XL quarry	24 shore	90 night
Ts (Solar Transmittance)	0.36	0.35	0.31	0.22	0.28	0.20	0.24	0.24	0.17
Rs (Solar Reflectance)	0.58	0.57	0.56	0.45	0.51	0.39	0.50	0.43	0.31
As (Solar Absorption)	0.06	0.08	0.13	0.33	0.21	0.41	0.26	0.33	0.52
Tv (Visual Transmittance)	0.37	0.37	0.31	0.10	0.20	0.05	0.16	0.10	0.01
UV Transmittance	0.23	0.21	0.15	0.05	0.12	0.04	0.10	0.08	0.02

Thermal Efficiency



$$Rs + As + Ts = 1$$

When sunlight hits a window some of the solar energy is transmitted through (**Solar Transmittance Ts**), some is reflected back (**Solar Reflectance Rs**) and some is absorbed by the glass and sun screen (**Solar Absorption As**). Some of the absorbed heat will flow into the building.

Light Transmittance

Visual Transmittance (Tv)
The percentage of total visible solar energy passing through a sun control fabric. The lower the number, the less visible light will penetrate into the interior, hence less glare.

Visibility

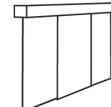
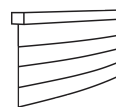
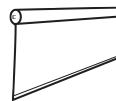
Darker colours have a lower Tv value, and a higher As value, providing better outward visibility.

UV Transmittance

The percentage of total ultraviolet light passing through a sun control fabric. The lower the number, the less ultraviolet light will penetrate into the interior.

Trevira Fabric

Permanently flame-resistant polyester fibres, such as Trevira CS are not treated with a surface flame-resistant chemical but rather the flame-resistant properties are permanently built into the molecular chain of the fabric. The entire raw material is inherently flame resistant, not just the surface. Therefore, the FR performance cannot wear or wash off. There is no danger of toxic fumes released in the event of a fire. The flame-resistant properties are permanent and last over the lifetime of the fabric.



Sun Glow Window Covering Products of Canada Ltd.

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