

### **Shore Exterior Translucent Fabric**

# **Product Specifications**

#### **Benefits:**

Shore acrylic translucent fabric takes exterior canvas to a whole new level. This high tensile- and tear-strength fabric provides privacy, sun protection and resistance to rain. Available in four colors to enhance any outdoor living area, Shore is solution-dyed for greater wear resistance, excellent color, exceptional weathering behavior, water and oil repellancy and mitigation of mold and mildew.

# Infinite Process

**Treatment** 

Shore is treated with a special technologyical process to ensure the lasting quality of the fabric. In this process, nanoparticles completely cover the surface of the fibers in the fabric, forming a permanent coat. After treatment, both the surface and the inside of the fabric are permanently protected against dirt build-up and adverse effects of a wide variety of atmospheric agents.

The low reactivity and high stability of the Infinity treatment endows long-term protection to the shades, especially against mildew, and provides excellent water and oil repellance.

## **Sun Protection**

Shore translucent fabric offers high levels of UV protection, with UPF levels of up to +80 according to international standard UV Standard 801.

### **Care and Cleaning**

Proper care and cleaning should be taken to ensure the life of Shore translucent fabric. For regular care and maintenance, the excess dirt should be brushed from the fabric using a soft brush; the fabric should then be sprayed with warm water (not exceeding 100° F) and air dried.

Periodically, the fabric should undergo a more thorough cleaning. Again, brush fabric with a soft bristled brush, spray with warm water, then apply a gently soap. Let stand for 10 to 20 minutes, taking care not to let it dry, then rinse thoroughly and air-dry. Do not use detergentls and/or solvents. Leave retractable shades down until the fabric is dried completely. This will help prevent mildew from forming.

Specifications			
Category	Exterior Translucent Fabric	Composition	100% Solution Dyed Acrylic*
Openness Factor	0%	Weight	9.00 oz/yd2 (305 g/m2) ±5%
<b>UV</b> Resistance	Test Method AATCC-16, 1500+ hrs	Width	98"
Thickness	0.022" (0.559 mm) ±5%	Tear Strength	ASTM D-2261; war
Abrasion Rating	ASTM-4157 to 40,000 rubs	Shrinkage	Method 5804
Hydrostatic	AATCC-127 Method B; 40.6 cm	Stretch	ASTM D-2594
<b>Puncture Strength</b>	ASTM-751; 38 lbs.		
Tear Strength	ASTM D-2261; warp 11.5 lbs, fill 7.7 lbs	S	
Tensile Strength	ASTM D-5034 Grab; warp 287 lbs, fill 1	.49 lbs.	

Certifications:	Oeko-Tex Standard 100
	UV Standard 801**
	ISO 14001
<b>Environmental Benefits:</b>	Reach Compliant- Lead Free
	100% Texyloop Recyclable

- \* Solution dyed: Unlike conventional dying, where fibers are immersed in a solution-dye and coated without penetrating the core of the fiber, in the solution dying process, dye is added to the liquid fiber solution before the fibres are extruded. This allows the color to be mixed into the solution thoroughly, bringing the color all the way through the fiber once it is extruded, obtaining colored fabrics with a great wear resistance, excellent color, and an exceptional weathering behavior and mitigation of microorganism effects.
- \*\*UV Standard 801 (Ultraviolet Protection Factor- UPF): For shading textiles, the stretching of a fabric, the weather (sun and rain) and humidity affect the sun protection factor. As a result of these conditions, the protection time is drastically reduced (or in the worst case almost completely lost), and this must also be reflected in the UPF rating indicated to avoid putting the wearer at risk. Correspondingly, the members of the International Test association for Applied UV Protection, recommend measuring the UV protection factor according to the UV Standard 801 for all types of clothing and shading textiles. This is always based on the worst case scenario for wear and use.

For complete technical information, current test results, performance specifications and larger samples, contact the Insolroll, Inc.

Fenestration Properties			Fabrics installed internally,		
(Solar Optical Properties)			Zero-degree profile		
Color	Tv	VP	UPF	G Ext	TC
Linen Tweed	2.2	Н	80	0.1	М
Raw	18.1	М	80	0.15	М
Charcoal Tweed	0	Н	80	0.05	Н
Moonrock	0	Н	80	0.05	M

The technical data above are averaged values with a ±5% tolerance.

Tv= Visual Transmission Visible light that passes through

**VP**= Visual Protection (H/M/L) High/Medium/Low

**UPF**= UV Protection Factor Protection from Ultraviolet Rays

**G Ext=** Solar Factor Exterior Coefficient used to measure solar energy transmittance of the fabric

TC= Thermal Comfort (H/M/L) High/Medium/Low

Insolroll Window Shading Systems | 637 S. Pierce Ave. | Louisville, CO | 80027

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tel 800.447.5534 | www.insolroll.com | info@insolroll.com