

HIRAOKA's unique products



SX Transparent Series

Transparent structure fabrics

A Culture of Innovation with Technical Fabrics.

SX Series



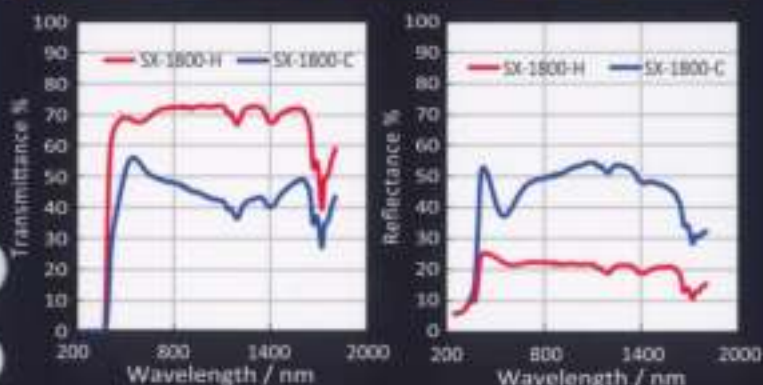
High light transmission fabric brings diversity

- ◆ 10 year warranty
- ◆ PVDF lacquering
- ◆ UV protection
- ◆ Weldable
- ◆ Anti-mould
- ◆ Compliant with REACH requirements
- ◆ Non Phthalate plasticizers are available



Design membrane structures filled with the beauty of natural light. This creates a wonderful ambience whilst providing protection from wind, rain and UV light. Further enhance the structure with interior lighting for dramatic visual effects.

Keep high light levels, Reduce heat gain



SX-1800-C reflects more infra-red light to reduce solar heat gain.



Shopping Mall

Improve lighting, Weather and UV Protection



Indoor swimming pool

Enhance lighting effects, Increase design options

Lasting quality

Xenon Arc Accelerated Weathering



- Initial
- 624 Hours (3 years)
- 1248 Hours (6 Years)
- 1872 Hours (9 years)
- 2496 Hours (12 years)
- 3120 Hours (15 years)

High light transmission, UV protection

		SX-1800-H	SX-1800-C	SX-4180
Width × Length / Roll	ASTMD751	204cm × 50m	204cm × 50m	185cm × 50m
Thickness	ASTMD751	0.7mm	0.7mm	0.9mm
Weight	ASTMD751	830g / m ²	830g / m ²	950g / m ²
Tensile Strength	ASTMD751	2,400 × 2,120N / 5cm	2,400 × 2,120N / 5cm	1,240 × 1,115N / 5cm
Breaking Elongation	ASTMD751	18 × 25%	18 × 25%	22 × 25%
Tear Strength (Trapezoid)	ASTMD751	170 × 170N	170 × 170N	324 × 280N
Light Transmission	JISZ8722	62%	54%	63%
UV Protection	UV-A	JISR3106	99.6%	99.5%
	UV-B	JISR3106	99.9%	99.9%

Colored SX-1800-H is available upon request

MANGO (Standard color)		53.4%
AQUAMARINE (Standard color)		51.2%
EMERALD GREEN		32.7%
GRAPE (Standard color)		41.6%
CHARCOAL		52.6%

Value is transmittance



We have three standard colors of colored SX-1800-H, Mango, Grape and Aquamarine, besides normal one. In addition, we accept minimum order from 1,000 meters for custom color. Please let us know if you need it.



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SX-1800-H



SX-1800-C



SX-4180