

Consistency and
Reliability

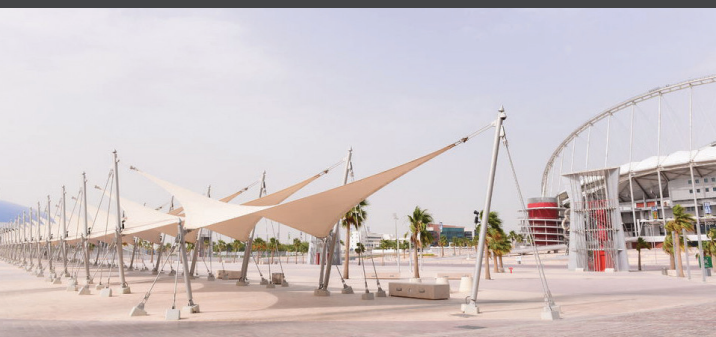


Flexlight

Perform 912 S2

Applications

- Car parks
- Tensile shade structures



Consistency & Reliability

Provide consistent & reliable performances for shading structures

Advantages

- Precontraint® technology offering exceptional dimensional stability and longevity
- Low wick treatment
- Low maintenance

■ Technical specifications

		Standards
Surface treatment (top)	S2 PVDF	
Yarn	Anticapillary Low wick High tenacity Polyester 1100/1100Dtex	
Weight	900g/sqm	EN ISO 2286-2
Width	267 cm	(+1mm/-1mm)
Tensile strength (warp/weft)	420/400 daN/5cm	EN ISO 1421
Tear resistance (warp/weft)	55/50 daN	DIN 53.363
Adhesion	11 daN/5cm	EN ISO 2411

The technical data above are average values with +/-5% tolerance.

■ Flame retardancy

Flame retardancy (International)	B1 /DIN 4102-1
Flame retardancy (Australia) AS/NZ 1530.2 - 1993 AS/NZ 1530.3 - 1999	Flammability Index 6 (Range 0-100) Ignitability 17 , Spread of Flame 0 , Heat Evolved 0 , Smoke Developed 5

Additional information (indicative)

■ Dimensional stability

Elongation 24h -10daN/5cm (warp/weft)	<1.2% / <1.2%	EN 15977
Residual elongation	<0.5% / <0.5%	EN 15977

■ Thermal and Acoustic properties

Thermal conductivity (vertical/horizontal)	ca. U=5.6 / 6.4 W/sqm/°C	Calculated
Acoustic Weakening index	ca. 12dBA	ISO 717-1

■ Solar optical values 912 S2 8100 white

Visible light Transmittance (Tv)	5,5%	EN 410
Visible light Reflexion (Rv)	94%	
Solar Transmittance (Ts)	6,5%	
Solar Reflexion (Rs)	83%	
Solar factor (g)	9,5%	
UV transmittance	0%	SSc 7.2/SSc 7.1 (Roof/Non Roof)
Solar Reflectance Index (SRI)	> 85%	

■ Certifications, labels, guarantees, recycling

ISO 9001
ISO 14001



Precontraint®
technology

15-year
warranty

CSR and LEED reports available on request.

The values above are given as an indication. Our products are subject to changes prompted by technological developments. We reserve the right to modify their characteristics at any time. The buyer of our products is responsible for checking the validity of the above data. Please refer to the text of our warranty. The warranty is valid only after confirmation on case-by-case basis of warranty application. The warranty will not apply to mobile structures.

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lightweight + durable

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