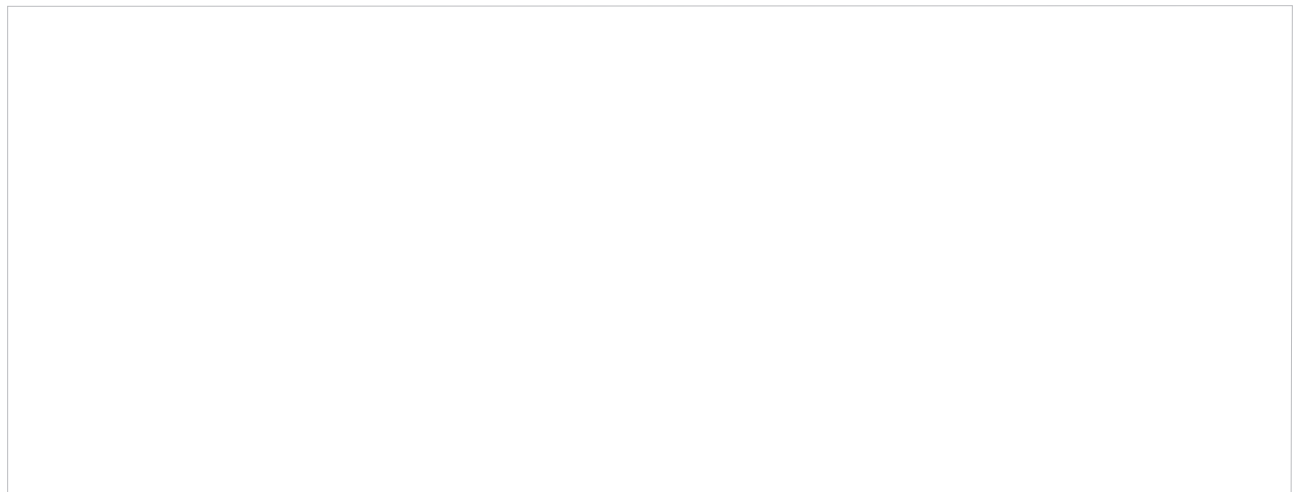


Advanced  
**902 S2**  
Précontraint®



### Main advantages

- Long lasting and low maintenance
- Controlled color per translucency (VISU service)
- High dimensional stability due to Précontraint® technology

### Main applications

- Covered outdoors
- Sport hall roofs
- Shading structures

#### Mechanical properties

Tensile strength (warp/weft) EN ISO 1421	420/400 daN/5 cm • 944/899 lbs/2 in
Tear strength (warp/weft) DIN 53.363	55/50 daN • 124/112 lbs
Adhesion EN ISO 2411	12 daN/5 cm • 27 lbs/2 in

#### Fire resistance

Rating - International fire certificate available, such as*	NFPA 701 Method 2 — AS/NZS 1530.3 — CSFM T19 <b>B-s2,d0</b> /EN 13501-1
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#### Dimensions

Weight EN ISO 2286-2	950 g/m <sup>2</sup> • 28 oz/sq. yd
Thickness EN ISO 5084	0.72 mm • 720 microns
Width	267 cm • 105.1 in
Roll length	210 lm • 82.7 yds

#### Complementary information

Surface treatment (top/back)	S2 architectural varnish / PVDF
Yarn	High tenacity Polyester 1100 Dtex - Low wick treatment for anticapillarity
Elongation 24 h -10 daN/5 cm (warp/weft) EN 15977	<1.2% / <1.2%
Residual elongation EN 15977	<0.5% / <0.5%

#### Thermal, optical and acoustic values

Heat transfer coefficient (vertical/horizontal) Calculated	U=5.6 / 6.4 W/sqm/°C
Visible light Transmittance (Tv) NFP 38511	9%
Visible light Transmittance (Tv) EN 410	5%
Visible light Reflexion (Rv) EN 410	87%
Solar Transmittance (Ts) EN 410	7%
Solar Reflexion (Rs) EN 410	79%
Solar factor (g) EN 410	12.5%
UV transmittance EN 410	0%
Solar Reflectance Index (SRI) ASTM E1980-01 (Approach II)	>95%
Acoustic weakening index ISO 140-3 & ISO 717-1	13 dBA

#### Management systems

**Quality:** ISO 9001 • **Environment:** ISO 14001 • **Energy:** ISO 50001

#### Certifications, labels, warranty

Précontraint® Technology

15-year warranty



\* Contact us for latest certificate updates & validities

<sup>1</sup> Summarizes the group's CSR project focused on human, to align economic performance and positive impact.

Mechanical properties are average values with a +/-5%, variance of +/-10% for weight given.

The purchaser of our products is responsible for their application or transformation in relation to possible third party rights. The purchaser of our products is responsible for their installation in compliance with the standards, working practices and safety regulations of their destination country. Please refer to our warranty document with regard to contractual liability.

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The colours and textures presented are included for information only.