

402 HT

Highly Translucent



Flexlight 402 HT

Highly translucent membrane

Main advantages

- Highly translucent: very high light transmission (48% according NFP 38.511)
- Easy to weld
- Exceptional dimensional stability due to Précontraint® technology

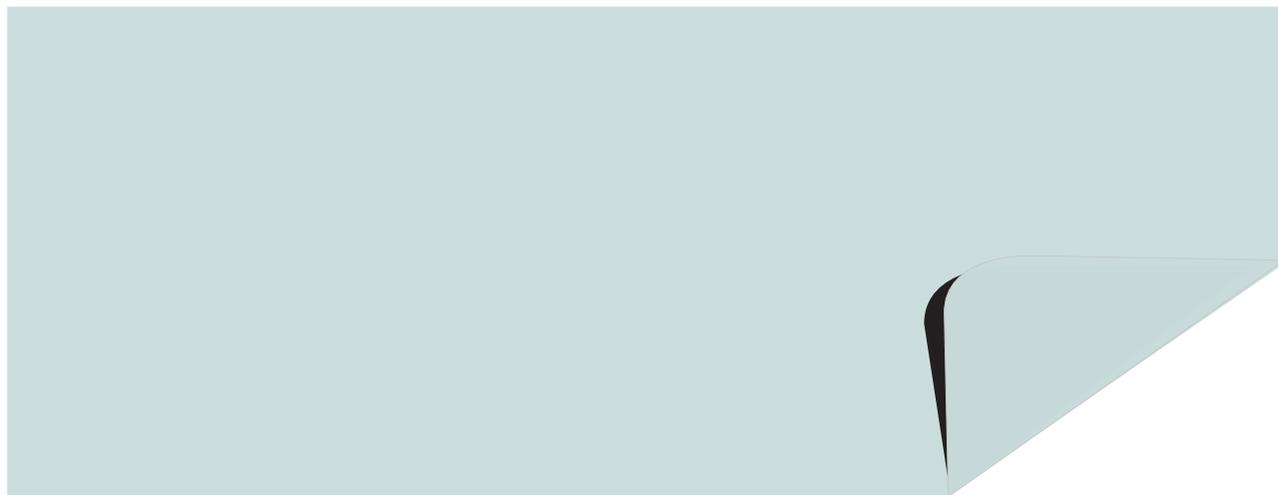
Main applications

- Static and permanent structures
- Inflatable structures



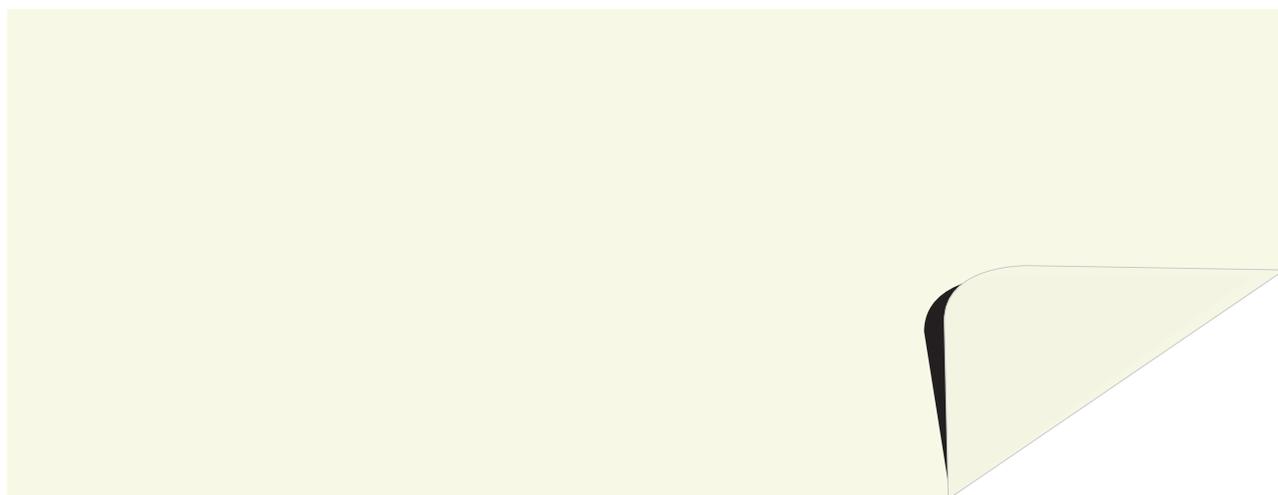
Flexlight 402 HT

Highly translucent _____



Ultra white

402-1399

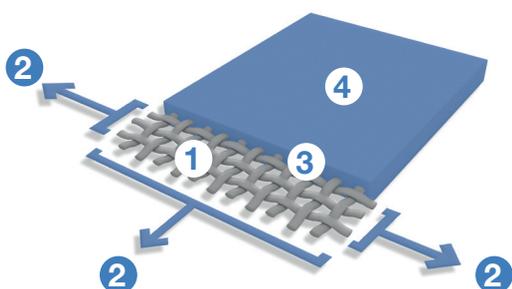


White

402-8145

Exclusive Précontraint® technology

This unique, world-patented technology involves maintaining the composite in bi-axial tension throughout the manufacturing cycle. It ensures our materials' exceptional performance characteristics, which ensure they exceed market standards in terms of long-term stability, strength, coating thickness and flatness.



1	High-tenacity polyester micro-yarn reinforcing mesh	Higher resistance to elongation and tearing
2	Coating under bi-axial, warp and weft tension	No deformation during installation and usage
3	Coating thickness covering top of yarns and dirt repellent surface treatment	Enhanced aesthetic and structural durability
4	Extremely flat and thin	Easy-to-clean smooth surface ensuring compactness and easy rolling

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Technical properties

Yarn type	PES High tenacity
Yarn treatment	Standard wicking treatment
Coating	Antifungal-treated high-performance PVC
Finish	Lacquer both sides
Weight EN ISO 2286-2	520 g/m ² • 15.3 oz/yd. sq
Width	267 cm • 105.1 in
Length of rolls	Rolls: 50 lm • 54.68 yd Jumbo rolls: 300 lm • 328.08 yd

Physical properties

Tensile strength (warp/weft) EN ISO 1421	230/220 daN/5 cm • 517/495 lbs/2 in
Tear strength (warp/weft) DIN 53.363	20/20 daN • 45/45 lbs
Elongation under load (warp/weft)	<1% / <1%
Adhesion EN ISO 2411	8/8 daN/5 cm • 18/18 lbs/2 in
Extreme working temperatures	-30°C/+70°C • -22°F/+158°F - In static position internal test

Fire resistance

Rating - International fire certificate available, such as*	B-s2,d0 /EN 13501-1
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Environmental properties

Carbon impact EN 15804 + A1	1.75 (kg CO ₂ eq./m ²)
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Management system

Quality: ISO 9001 • Environment: ISO 14001 • Energy: ISO 50001
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Certifications, labels, warranty

Précontraint® Technology

10-year warranty
For internal use only



* Contact us for latest certificate updates & validities

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

Quoted technical characteristics are average values subject to +/-5% tolerance.

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.

Values quoted in this document are commonly used test results for design purposes. They are given for information only in order to offer our customers optimum usage of our products. Our products are subject to improvements resulting from technical developments and we reserve the right to modify their characteristics at any time. The purchaser of our products is responsible for checking the above data.

The colors and textures presented are included for information only.