Flexlight 402

Multi-purpose membranes

Main advantages

- Good ratio of weight and mechanical resistance for standard applications
- Compliant with worldwide fire standards
- Easy to weld
- Exceptional dimensional stability due to Précontraint® technology

Main applications

- Clearspans and aluminum structures
- Frame tents and pole tents
- Inflatable structures

	Technical properties
Yarn type	PES High tenacity
Yarn treatment	No treatment
Coating	High performance PVC
Finish	Lacquer both sides
Weight EN ISO 2286-2	520 g/m² • 15.3 oz/yd. sq
Width	267 cm • 105.1 in
Length of rolls	Rolls: 50 lm • 54.68 yd Jumbo rolls: 350 lm • 382.76 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	10/10 daN/5 cm • 22/22 lbs/2 in
Extreme working temperatures	-30°C/+70°C • -22°F/+158°F - In static position internal test
	Flame retardancy
Rating - International fire certificate available, such as*	**B-s2,d0**/EN 13501-1 **M2**/NF P 92-507
	Environmental properties
Carbon impact EN 15804 + A2	2.67 kg CO_2 eq./m²
	System of Management
	Quality: ISO 9001 • **Environment**: ISO 14001 • **Energy**: ISO 50001
	Certifications, labels, warranty

Précontraint® Technology

* 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.

Flexlight and Précontraint are Serge Ferrari sas registered trademarks.
Ref. CT-02449 • 08/2026 • PDF ONLY

EN

Photo credits: ©Lumo Photography

Serge Ferrari group

sergeferrarigroup.com