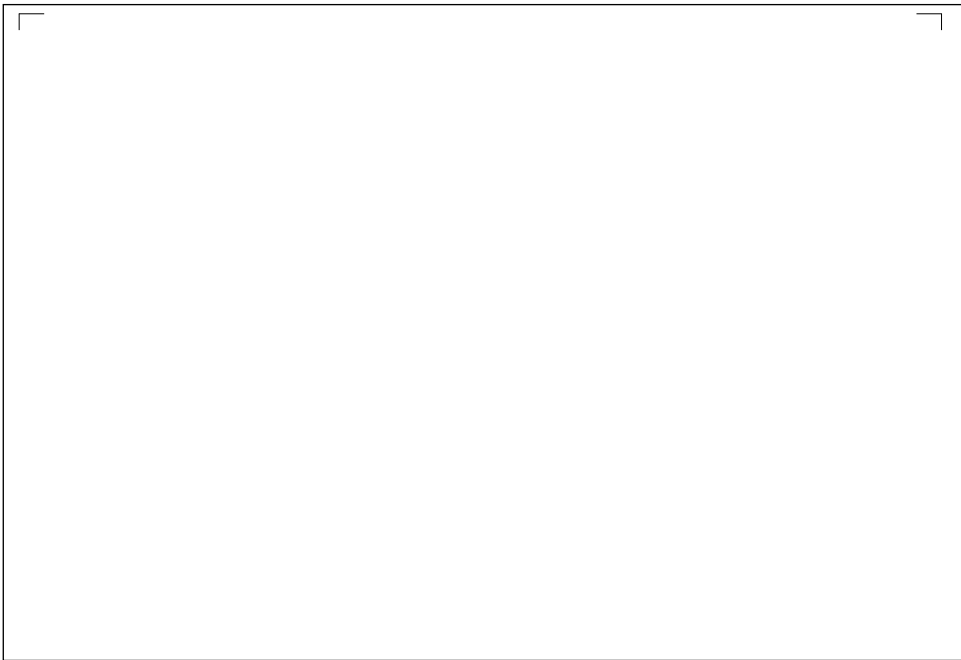




Low Maintenance  
Translucent Membranes



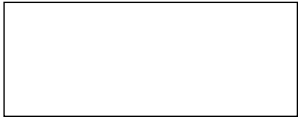
**White**

902-8636-S2



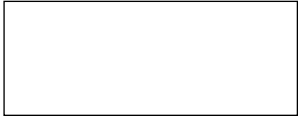
**White**

1002-8636-S2



**White**

1202-8636-S2



**White**

1302-8636-S2



**White**

1502-8636-S2

# Flexlight Advanced

## Primary Applications:

mobile or permanent structures: stadium roofs, open air theaters, playground or parking lot shade structures

- **Longevity:** Easy to maintain with a potential lifespan of over 20 years
- **Natural Light and Solar Protection:** Blocks UV while providing consistent color translucency
- **Dimensionally Stable:** Will not elongate over time thanks to its Precontraint® technology

	Flexlight Advanced 902 S2	Flexlight Advanced 1002 S2	Flexlight Advanced 1202 S2	Flexlight Advanced 1302 S2	Flexlight Advanced 1502 S2	
<b>■ Technical specifications</b>						<b>Standards</b>
Surface coating (front/back)	S2 PDVF/PVDF					
Yarn	PES HT 1100 Dtex	PES HT 1100 Dtex	PES HT 1100/1670 Dtex	PES HT 1100/2200 Dtex	PES HT 1670/2200 Dtex	
Thickness	0.72 mm	0.78 mm	0.78 mm	1.02 mm	1.14 mm	
Weight	28 oz/sqyd	31 oz/sqyd	31 oz/sqyd	39.8 oz/sqyd	44.2 oz/sqyd	ASTM D751
Width	105.1 in	105.1 in	105.1 in	105.1 in	70.8 in	(+1mm/-1mm)
Adhesion	12 daN/5 cm	12 daN/5 cm	12 daN/5 cm	13 daN/5 cm	15 daN/5 cm	EN ISO 2411
Tensile strength (warp/weft)	480/450 lbs/in	480/450 lbs/in	630/630 lbs/in	900/800 lbs/in	1150/900 lbs/in	ASTM D751 Cut strip
Tear strength (warp/weft)	80/75 lbs	80/75 lbs	130/100 lbs	200/180 lbs	350/250 lbs	ASTM D751 Trapezoid
<i>* The technical data above are average values with a +/- 5% tolerance</i>						
<b>■ Additional information</b>						
Elongation 24 h - 10 daN/5 cm (warp/weft)	< 1.2% / <1.2%					EN15977
Residual elongation (warp/weft)	< 0.5% / <0.5%					EN 15977
Heat transfer coefficient (vertical/horizontal)	U=5.6/6.4 W / sqm / °C					Calculated
Acoustic weakening index	13dBA	14dBA	14dBA	15dBA	16dBA	ISO 140-3 & ISO 717-1
Visible light transmittance (Tv)	5%	4%	4%	2.5%	3%	EN 410
Visible light reflection (Rv)	87%	90%	91%	90%	89%	EN 410
Solar transmittance (Ts)	7%	6%	6%	4%	4%	EN 410
Solar reflection (Rs)	79%	81%	82%	82%	81%	EN 410
Solar factor (g)	12.5%	9.5%	9.2%	8.5%	8%	EN 410
UV transmittance	0%	0%	0%	0%	0%	EN 410
Solar reflectance index (SRI)	90.5%	90.3%	89.1%	90.3%	90.1%	ASTM E1980-01 (Approach II)
<b>■ Flame retardancy</b>						
	NFPA 701 Method 2 / CSFM T19 / ASTM E84 / B-s2,d0 - EN13501-1	NFPA 701 Method 2 / CSFM T19 / ASTM E84 / CAN/ULC-S109-14 / B-s2,d0 - EN13501-1	NFPA 701 Method 2 / CSFM T19 / ASTM E84 / C-s2,d0 - EN13501-1	NFPA 701 Method 2 / CSFM T19 / ASTM E84 / C-s2,d0 - EN13501-1	CSFM T19 / C-s2,d0 - EN13501-1	
<b>■ Certifications and warranties</b>						



**Precontraint®  
technology**

**ISO 9001  
ISO 14001**

**15 year  
warranty**

**CSR and LEED reports  
available upon request**

The ADDITIONAL INFORMATION values quoted above are given as an indication. Our products are subject to changes prompted by technology 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 data.

**WARRANTY:** Please refer to the text of our warranty. The warranty is valid only after a written confirmation on a case-by-case basis of warranty application. The warranty will not apply to mobile structures. The buyer of our products is fully responsible for their application or their transformation concerning any possible third party. The buyer of our products is responsible for their implementation and installation in compliance with standards, codes of practice and safety regulations in force in destination countries.

**Serge Ferrari**  
lightweight + durable

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