

TENSILE ARCHITECTURE

C o m p a c t r a n g e

EASYFLUO™
PVDF LACQUERING



BOTH SIDE HIGH DENSITY TOP-COATED FABRICS

EASYFLUO™ / FR T4101E / 1350 gr.

LIST OF PROPERTIES		MEASUREMENT METHODS/ CLASSIFICATIONS
		T4101E
MATERIAL COMPOSITION		
BASE FABRIC	DIN ISO 2076	PES
YARN IN DTEX	DIN ISO 2060	1670
TOTAL WEIGHT IN GR./M²	EN ISO 2286-2	1350
THICKNESS IN MM		1.15
TOP SURFACE TREATMENT		FINE-TUNED WELDABLE PVDF-LACQUER COMPOUND, UV-PROTECTED, HIGH GLOSSY
BACK SURFACE TREATMENT		WELDABLE HIGH DENSITY ACRYLIC LACQUER COMPOUND , UV-PROTECTED, HIGH GLOSSY
MECHANICAL PROPERTIES		
TENSILE STRENGTH IN N/50 MM	EN ISO 1421/1	8000/7000
TEAR STRENGTH IN N	DIN 53363	1200/1200
ADHESION N/50 MM	EN ISO 2411	120
CRACK RESISTANCE	100000 X DIN 53359 A	NO CRACKS
PHYSICAL PROPERTIES		
LIGHT FASTNESS	DIN EN ISO 105 B02	7-8 NOTE
TEMPERATURE RESISTANCE		-30°C / +70°C
FIRE CLASSIFICATION		B1 (DIN 4102), GOST, EN 13501-1, C-S2-D0
WARRANTY (Y)		10 YEARS
STANDARD ROLL WIDTH	CM	300

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p r o c e s s e s



FULL INTEGRATION AND IN-HOUSE SUPPLY-CHAIN CONTROL:

All capable resources are vertically fully integrated, making us the only full service provider able to offer the entire production process in-house. Our own portfolio ranges from chemicals to yarns, raw fabric and pigment pastes to coating and lacquering of technical textiles. Our capability is ensured through 5 coating techniques in 7 coating plants, 3 weaving units and one spinning mill all over Europe.

One-g[®] COATING PRODUCTION SYSTEM

Our unique state-of-the-art machinery allows to coat back and front side of the fabrics in one run, avoiding stop-and-go in between the various layering and lacquering processes. Herewith the product is not exposed to unfavorable thermal or mechanical

shocks, so that the final product is unbeatable quality wise. The One-g[®] process provides an extraordinary product stability, flat stretched fabric with better overall distensile properties and short lead times.



SIOEN INDUSTRIES

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