

TENSILE ARCHITECTURE

C l a s s i c r a n g e

FLUOMAX™
PVDF LACQUERING



BOTH SIDE FLUORINATED UV TOP-COATED FABRICS

FLUOMAX™ / T2106 / 900 gr.

LIST OF PROPERTIES		MEASUREMENT METHODS/ CLASSIFICATIONS
		T2106
MATERIAL COMPOSITION		
BASE FABRIC	DIN ISO 2076	PES
YARN IN DTEX	DIN ISO 2060	1100
TOTAL WEIGHT IN GR./M²	EN ISO 2286-2	900
THICKNESS IN MM		0.75
TOP SURFACE TREATMENT		FINE-TUNED WELDABLE PVDF-LACQUER COMPOUND ON BOTH SIDES, LOW-WICK, MICROBIAL AND FUNGICIDE PROTECTED, UV-PROTECTED
BACK SURFACE TREATMENT		
MECHANICAL PROPERTIES		
TENSILE STRENGTH IN N/50 MM	EN ISO 1421/1	4300/4200
TEAR STRENGTH IN N	DIN 53363	600/500
ADHESION N/50 MM	EN ISO 2411	120
CRACK RESISTANCE	100000 X DIN 53359 A	NO CRACKS
PHYSICAL PROPERTIES		
LIGHT TRANSMITTANCE (%)	550 NM	6.5%
REFLECTION		89%
ABSORBTION		4.5%
LIGHT FASTNESS	DIN EN ISO 105 B02	7-8 NOTE
TEMPERATURE RESISTANCE		-30°C / +70°C
FIRE CLASSIFICATION		B1 (DIN 4102), M2 (NFP 92507), EN 13501-1 B-S2,D0, BS 7837, CALIFORNIA T19, GOST
WARRANTY (Y)		15 YEARS
STANDARD ROLL WIDTH	CM	250

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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^Θ 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^Θ process provides an extraordinary product stability, flat stretched fabric with better overall distensile properties and short lead times.



SIOEN INDUSTRIES

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