TENSILE ARCHITECTURE



BOTH SIDE FLUORINATED UV TOP-COATED FABRICS

FLUOMAX[™] / T3108 / 1150 gr.

<th <="" classifications<="" th=""><th></th><th></th><th></th></th>	<th></th> <th></th> <th></th>			
MATERIAL COMPOSITIONBASE FABRICDIN ISO 2076PESSARN IN DTEXDIN ISO 20601670TOTAL WEIGHT IN GR./M2EN ISO 2286-21150TOTAL WEIGHT IN GR./M2EN ISO 2286-21150TOPAL WEIGHT IN GR./M2EN ISO 2286-21000SARK SURFACE TREATMENTFINE-TUNED WELDABLE PVDF-LACQUER COMPOUND ON BOTH SIDES, LOW-WICK, MICROBIAL AND FUNGICIDE PROTECTED, UV-PROTECTEDMECHANICAL PROPERTIESMICROBIAL AND FUNGICIDE PROTECTED, UV-PROTECTEDMECHANICAL PROPERTIESTENSILE STRENGTH IN N/50 MMEN ISO 1421/16000/5500TEAR STRENGTH IN NDIN 53363900/800ADHESION N/50 MMEN ISO 2411120CRACK RESISTANCE100000 X DIN 53359 ANO CRACKSPHYSICAL PROPERTIESUIGHT FASTNES191%LIGHT FASTNESSDIN EN ISO 105 B027-8 NOTELIGHT FASTNESS11 (DIN 4102), M2 (NFP 92507), EN 13	LIST OF PROPERTIES			
BASE FABRICDIN ISO 2076PESYARN IN DTEXDIN ISO 20601670TOTAL WEIGHT IN GR./M2EN ISO 2286-21150TOTAL WEIGHT IN GR./M2EN ISO 2286-21150TOPS SURFACE TREATMENTFINE-TUNED WELDABLE PVDF-LACQUER COMPOUND ON BOTH SIDES, LOW-WICK, MCROBIAL AND FUNGICDE PROTECTED, UV-PROTECTEDBACK SURFACE TREATMENTMICROBIAL AND FUNGICIDE PROTECTED, UV-PROTECTEDMECHANICAL PROPERTIESWICROBIAL AND FUNGICOURD COMPOUND ON BOTH SIDES, LOW-WICK, MCROBIAL AND FUNGICOUR COMPOUND ON SIDI EN ISO 105 B02NO CRACKSPHYSICAL PROPERTIESUIGHT FASTNESSDIN EN ISO 105 B027-8 NOTELIGHT FACTOR-30°C / 470°C<			T3108	
ARR HARC DH ISO 2040 1670 YARN IN DTEX DIN ISO 2040 1670 TOTAL WEIGHT IN GR./M ^a EN ISO 2286-2 1150 THICKNESS IN MM ISO 2026-2 1150 TOP SURFACE TREATMENT FINE-TUNED WELDABLE PVDF-LACQUER COMPOUND ON BOTH SIDES, LOW-WICK, MICROBIAL AND FUNGCIDE PROTECTED, UV-PROTECTED MECHANICAL PROPERTIES MICROBIAL AND FUNGCIDE PROTECTED, UV-PROTECTED, UPOPROTECTED, UPOP	MATERIAL COMPOSITION			
TOTAL WEIGHT IN GR./M ² EN ISO 2286-2 1150 THICKNESS IN MM 1.00 TOP SURFACE TREATMENT FINE-TUNED WELDABLE PVDF-LACQUER COMPOUND ON BOTH SIDES, LOW-WICK, MICROBIAL AND FUNGICIDE PROTECTED, UV-PROTECTED BACK SURFACE TREATMENT MICROBIAL AND FUNGICIDE PROTECTED, UV-PROTECTED MECHANICAL PROPERTIES TENSILE STRENGTH IN N/50 MM TEAR STRENGTH IN N/50 MM EN ISO 1421/1 6000/5500 ADHESION N/50 MM EN ISO 2411 120 CRACK RESISTANCE 100000 X DIN 53359 A NO CRACKS PHYSICAL PROPERTIES UIGHT TRANSMITANCE (%) 550 NM 4% REFLECTION 550 NM 4% 10 ABSORBTION S50 NM 91% 350 LIGHT FASTNESS DIN EN ISO 105 B02 7-8 NOTE 30°C / +70°C FIRE CLASSIFICATION B1 (DIN 4102), M2 (NEP 92507), EN 13501-1 B-52, D0, B5 7837, CALIFORNIA T19, GOST B1 (DIN 4102), M2 (NEP 92507), EN 13501-1 B-52, D0, B5 7837, CALIFORNIA T19, GOST	BASE FABRIC	DIN ISO 2076	PES	
THICKNESS IN MM1.00TOP SURFACE TREATMENTFINE-TUNED WELDABLE PVDF-LACQUER COMPOUND ON BOTH SIDES, LOW-WICK, MICROBIAL AND FUNGICIDE PROTECTED, UV-PROTECTEDBACK SURFACE TREATMENTMICROBIAL AND FUNGICIDE PROTECTED, UV-PROTECTEDMECHANICAL PROPERTIESTENSILE STRENGTH IN N/50 MMTENSILE STRENGTH IN NDIN 53363ADHESION N/50 MMEN ISO 1421/16000/5500TEAR STRENGTH IN NDIN 53363900/800ADHESION N/50 MMEN ISO 2411120CRACK RESISTANCE100000 X DIN 53359 ANO CRACKSPHYSICAL PROPERTIESLIGHT TRANSMITTANCE (%)550 NM4%REFLECTION91%ABSORBTIONLIGHT FASTNESSDIN EN ISO 105 B027-8 NOTETEMPERATURE RESISTANCE-30°C / +70°CFIRE CLASSIFICATIONWARRANTY (Y)15 YEARS	YARN IN DTEX	DIN ISO 2060	1670	
TOP SURFACE TREATMENTFINE-TUNED WELDABLE PVDF-LACQUER COMPOUND ON BOTH SIDES, LOW-WICK, MICROBIAL AND FUNGICIDE PROTECTED, UV-PROTECTEDBACK SURFACE TREATMENTBOTH SIDES, LOW-WICK, MICROBIAL AND FUNGICIDE PROTECTED, UV-PROTECTEDMECHANICAL PROPERTIESTensile Strength IN N/50 MMTENSILE STRENGTH IN N/50 MMEN ISO 1421/16000/5500TEAR STRENGTH IN N/50 MMEN ISO 2411120CRACK RESISTANCE100000 X DIN 53359 APHYSICAL PROPERTIESLIGHT TRANSMITTANCE (%)550 NM4%REFLECTION91%ABSORBTION5%LIGHT FASTNESSDIN EN ISO 105 B02TEMPERATURE RESISTANCE-30°C / +70°CFIRE CLASSIFICATIONB1 (DIN 4102), M2 (NFP 92507), EN 13501-1 B-52, D0, B5 7837, CALIFORNIA T19, GOST	TOTAL WEIGHT IN GR./M ²	EN ISO 2286-2	1150	
BACK SURFACE TREATMENTBOTH SIDES, LOW-WICK, MICROBIAL AND FUNGICIDE PROTECTED, UV-PROTECTEDMECHANICAL PROPERTIESTENSILE STRENGTH IN N/50 MMEN ISO 1421/16000/5500TEAR STRENGTH IN NDIN 53363900/800ADHESION N/50 MMEN ISO 2411120CRACK RESISTANCE100000 X DIN 53359 ANO CRACKSPHYSICAL PROPERTIESILIGHT TRANSMITTANCE (%)550 NM4%REFLECTION550 NM91%ABSORBTION5%101 EN ISO 105 B027-8 NOTEILIGHT FASTNESSDIN EN ISO 105 B027-8 NOTETEMPERATURE RESISTANCE-30°C / +70°CFIRE CLASSIFICATIONB1 (DIN 4102), M2 (NFP 92507), EN 13501-1 B-52, D0, BS 7837, CALIFORNIA T19, GOST	THICKNESS IN MM		1.00	
BACK SURFACE TREATMENTMICROBIAL AND FUNGICIDE PROTECTED, UV-PROTECTEDMECHANICAL PROPERTIESTENSILE STRENGTH IN N/50 MMEN ISO 1421/16000/5500TEAR STRENGTH IN NDIN 53363900/800ADHESION N/50 MMEN ISO 2411120CRACK RESISTANCE100000 X DIN 53359 ANO CRACKSPHYSICAL PROPERTIESUIII S50 NM4%ILIGHT TRANSMITTANCE (%)550 NM4%REFLECTION91%5%ABSORBTION5%5%LIGHT FASTNESSDIN EN ISO 105 B027-8 NOTEFIRE CLASSIFICATION-30°C / +70°CFIRE CLASSIFICATIONB1 (DIN 4102), M2 (NFP 92507), EN 13501-1 B-52, D0, B5 7837, CALIFORNIA T19, GOST	TOP SURFACE TREATMENT			
TENSILE STRENGTH IN N/50 MM EN ISO 1421/1 6000/5500 TEAR STRENGTH IN N DIN 53363 900/800 ADHESION N/50 MM EN ISO 2411 120 CRACK RESISTANCE 100000 X DIN 53359 A NO CRACKS PHYSICAL PROPERTIES IIGHT TRANSMITTANCE (%) 550 NM 4% REFLECTION 550 NM 91% ABSORBTION 5% 5% LIGHT FASTNESS DIN EN ISO 105 B02 7-8 NOTE TEMPERATURE RESISTANCE -30°C / +70°C 50°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	BACK SURFACE TREATMENT			
TEAR STRENGTH IN N DIN 53363 900/800 ADHESION N/50 MM EN ISO 2411 120 CRACK RESISTANCE 100000 X DIN 53359 A NO CRACKS PHYSICAL PROPERTIES IIIGHT TRANSMITTANCE (%) 550 NM 4% REFLECTION 4% 91% 5% LIGHT TRANSMITTANCE (%) DIN EN ISO 105 B02 7.8 NOTE LIGHT FASTNESS DIN EN ISO 105 B02 7.8 NOTE FIRE CLASSIFICATION -30°C / +70°C B1 (DIN 4102), M2 (NFP 92507), EN 13501-1 B-S2, D0, BS 7837, CALIFORNIA T19, GOST WARRANTY (Y) 15 YEARS 15 YEARS	MECHANICAL PROPERTIES			
ADHESION N/50 MM EN ISO 2411 120 CRACK RESISTANCE 100000 X DIN 53359 A NO CRACKS PHYSICAL PROPERTIES LIGHT TRANSMITTANCE (%) 550 NM 4% REFLECTION 4% ABSORBTION 55% 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, B5 7837, CALIFORNIA T19, GOST	TENSILE STRENGTH IN N/50 MM	EN ISO 1421/1	6000/5500	
CRACK RESISTANCE100000 X DIN 53359 ANO CRACKSPHYSICAL PROPERTIESLIGHT TRANSMITTANCE (%)550 NM4%REFLECTION91%ABSORBTION5%LIGHT FASTNESSDIN EN ISO 105 B027-8 NOTETEMPERATURE RESISTANCE-30°C / +70°CFIRE CLASSIFICATIONB1 (DIN 4102), M2 (NFP 92507), EN 13501-1 B-S2,D0, BS 7837, CALIFORNIA T19, GOSTWARRANTY (Y)15 YEARS	TEAR STRENGTH IN N	DIN 53363	900/800	
PHYSICAL PROPERTIES LIGHT TRANSMITTANCE (%) 550 NM 4% REFLECTION 91% ABSORBTION 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	ADHESION N/50 MM	EN ISO 2411	120	
LIGHT TRANSMITTANCE (%)550 NM4%REFLECTION91%ABSORBTION5%LIGHT FASTNESSDIN EN ISO 105 B027-8 NOTETEMPERATURE RESISTANCE-30°C / +70°CFIRE CLASSIFICATIONB1 (DIN 4102), M2 (NFP 92507), EN 13501-1 B-S2,D0, BS 7837, CALIFORNIA T19, GOSTWARRANTY (Y)15 YEARS	CRACK RESISTANCE	100000 X DIN 53359 A	NO CRACKS	
REFLECTION 91% ABSORBTION 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	PHYSICAL PROPERTIES			
ABSORBTION 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, B5 7837, CALIFORNIA T19, GOST WARRANTY (Y) 15 YEARS	LIGHT TRANSMITTANCE (%)	550 NM	4%	
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	REFLECTION		91%	
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	ABSORBTION		5%	
FIRE CLASSIFICATIONB1 (DIN 4102), M2 (NFP 92507), EN 13501-1 B-S2,D0, BS 7837, CALIFORNIA T19, GOSTWARRANTY (Y)15 YEARS	LIGHT FASTNESS	DIN EN ISO 105 B02	7-8 NOTE	
BS 7837, CALIFORNIA T19, GOST WARRANTY (Y) 15 YEARS	TEMPERATURE RESISTANCE		-30°C / +70°C	
	FIRE CLASSIFICATION			
STANDARD ROLL WIDTH CM 250	WARRANTY (Y)		15 YEARS	
	STANDARD ROLL WIDTH	СМ	250	



TENSILE ARCHITECTURE

processes



Our unique state-of-the-art machinery allows to coat back and front side of the fabrics in one run, avoiding stop-andgo 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-gO** process provides an extraordinary product stability, flat stretched fabric with better overall distensile properties and short lead times.



FABRIEKSTRAAT 23 | 8850 ARDOOIE BELGIUM | T +32 51 74 09 00 | F +32 51 74 09 64 | ARCHITECTURE@SIOEN | WWW.SIOEN.COM