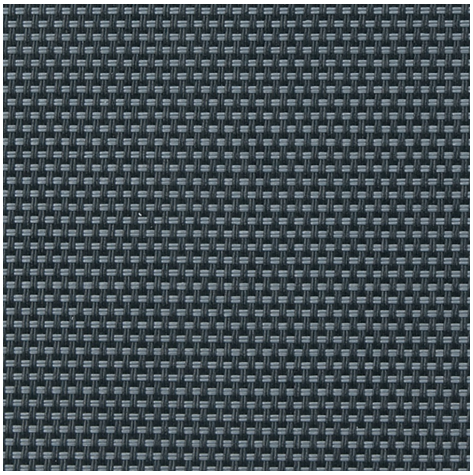
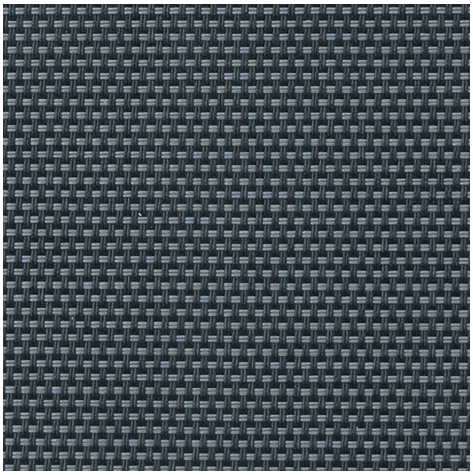
Natté 300P - charcoal | grey (010001)

Technical info

FRONT



BACK



Widths		200 cm | 320 cm
Composition		29% Polyester + 71% PVC coated
Openness factor	NBN EN 410	10.00%
Weight	NF EN 12127	330.00 g/m²
Thickness	ISO 5084	0.35 mm
Density	ISO 7211/2	WARP 18.00 yarn/cm WEFT 18.00 yarn/cm
Color fastness to artificial light	ISO 105 B02	>7
Roll length		30 m
Cleaning		With soapy water
Confection		By heat, high frequency or ultrasonic welding
Fire classification		
└ Europe	UNE-EN 13501-1:2007	C-s3, d0
└ France	NF P92-503	M1
└ Italy	UNI 9177	Class 1
└ Germany	DIN 4102	B1
└ UK	BS 5867	C
└ USA	NFPA 701	FR

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Tear strength	ISO 4674-1 method 2		
└ Original		WARP 5.20 daN	WEFT 4.50 daN
└ After climatic chamber -30°C		WARP 4.80 daN	WEFT 4.90 daN
└ After climatic chamber +70°C		WARP 4.80 daN	WEFT 4.90 daN
Elongation up to break	ISO 1421		
└ Original		WARP 24.50 %	WEFT 25.60 %
└ After ISO 4892-2, 1000 hr.		WARP 25.00 %	WEFT 23.70 %
└ After climatic chamber -30°C		WARP 3.10 %	WEFT 2.70 %
└ After climatic chamber +70°C		WARP 2.70 %	WEFT 2.70 %
Breaking strength	ISO 1421		
└ Original		WARP 146.00 daN/5cm	WEFT 129.00 daN/5cm
└ After ISO 4892-2, 1000 hr.		WARP 154.00 daN/5cm	WEFT 127.00 daN/5cm
└ After climatic chamber -30°C		WARP 135.00 daN/5cm	WEFT 130.00 daN/5cm
└ After climatic chamber +70°C		WARP 100.00 daN/5cm	WEFT 120.00 daN/5cm

Front - Interior

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Visual properties	
Tv = Visual light transmittance	13.00%
Tuv = UV transmittance	12.70%

Solar energetic properties	
As = Solar absorptance	77.70%
Rs = Solar reflectance	8.50%
Ts = Solar transmittance	13.80%

Fabric + glazing: G-factor

	G	Te	Qi	SC
Glazing A	0.00	0.12	0.51	0.74
Glazing B	0.09	0.10	0.53	0.83
Glazing C	0.00	0.07	0.46	0.90
Glazing D	0.00	0.04	0.26	0.93

G = Total solar energy transmittance / Te = Direct solar transmittance / Qi = Secondary heat transfer factor / SC = Shading coefficient

Visual comfort		
Normal solar transmittance	Class 4	Very good effect
Glare control	Class 4	Very good effect
Privacy night	Class 2	Moderate effect
Visual contact with the outside	Class 2	Moderate effect
Daylight utilisation	Class 0	Very little effect

Thermal comfort G-factor = Total solar energy transmittance

Glazing A	Glazing B	Glazing C	Glazing D
Class 0	Class 0	Class 0	Class 2

Thermal comfort Qi-factor = Secondary heat transfer factor

Glazing A	Glazing B	Glazing C	Glazing D
Class 4	Class 4	Class 4	Class 4

Class 0 = Very little effect / 1 = Little effect / 2 = Moderate effect / 3 = Good effect / 4 = Very good effect

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