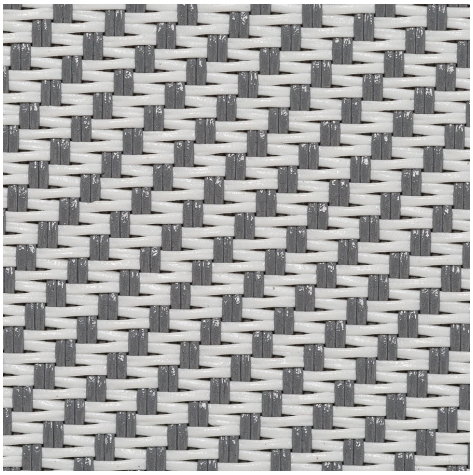
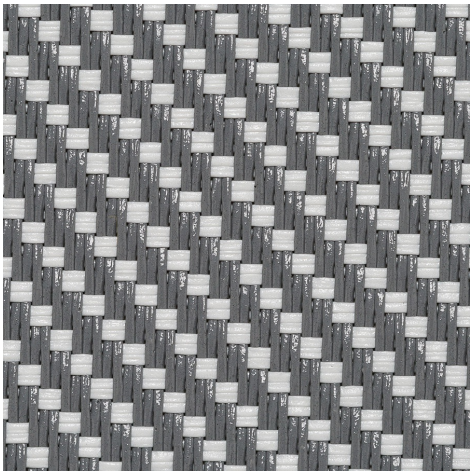
Serge 10% - grey | white (001002)

Technical info

FRONT



BACK



Widths		270 cm
Composition		Glassfibre 42% - PVC 58%
Openness factor	NBN EN 410	10.00%
Weight	NF EN 12127	490.00 g/m²
Thickness	ISO 5084	0.83 mm
Density	ISO 2286-3	WARP 18.00 yarn/cm WEFT 12.00 yarn/cm
Color fastness to artificial light	ISO 105 B02	>7
Color fastness to artificial weathering	ISO 105 B04	>7
Roll length		50 m
Cleaning		With soapy water
Confection		By heat, high frequency or ultrasonic welding
Fire classification		
└ Europe	UNE-EN 13501-1:2007	
└ 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 9.60 daN	WEFT 7.60 daN
└ After climatic chamber -30°C	WARP 8.60 daN	WEFT 7.10 daN
└ After climatic chamber +70°C	WARP 8.80 daN	WEFT 7.00 daN
Elongation up to break (ISO 1421)		
└ Original	WARP 5.20 %	WEFT 4.90 %
└ After colour fastness to artificial weathering	WARP 5.80 %	WEFT 5.00 %
└ After color fastness to artificial light	WARP 6.70 %	WEFT 5.20 %
└ After climatic chamber -30°C	WARP 5.00 %	WEFT 4.80 %
└ After climatic chamber +70°C	WARP 4.80 %	WEFT 4.20 %
Breaking strength (ISO 1421)		
└ Original	WARP 312.00 daN/5cm	WEFT 200.00 daN/5cm
└ After colour fastness to artificial weathering	WARP 289.00 daN/5cm	WEFT 190.00 daN/5cm
└ After color fastness to artificial light	WARP 289.00 daN/5cm	WEFT 185.00 daN/5cm
└ After climatic chamber -30°C	WARP 271.00 daN/5cm	WEFT 174.00 daN/5cm
└ After climatic chamber +70°C	WARP 217.00 daN/5cm	WEFT 139.00 daN/5cm

Front - Interior — Serge 10% - grey | white (001002)

Visual properties	
Tv = Visual light transmittance	11.20%
Tuv = UV transmittance	9.82%

Solar energetic properties	
As = Solar absorptance	59.20%
Rs = Solar reflectance	29.60%
Ts = Solar transmittance	11.20%

Fabric + glazing: G-factor

	G	Te	Qi	SC
Glazing A	0.55	0.00	0.00	0.00
Glazing B	0.55	0.00	0.00	0.00
Glazing C	0.47	0.00	0.00	0.00
Glazing D	0.28	0.00	0.00	0.00

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

Visual comfort		
Normal solar transmittance	Class 6	
Glare control	Class 4	Very good effect
Privacy night	Class 4	Very good effect
Visual contact with the outside	Class 2	Moderate effect
Daylight utilisation	Class 0	Very little effect

Back - Interior — Serge 10% - grey | white (001002)

Visual properties	
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Rs = Solar reflectance	22.60%
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Front - Exterior — Serge 10% - grey | white (001002)

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Solar energetic properties	
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Rs = Solar reflectance	29.60%
Ts = Solar transmittance	11.20%

Fabric + glazing: G-factor

	G	Te	Qi	SC
Glazing A	0.23	0.00	0.00	0.00
Glazing B	0.18	0.00	0.00	0.00
Glazing C	0.13	0.00	0.00	0.00
Glazing D	0.10	0.00	0.00	0.00

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

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