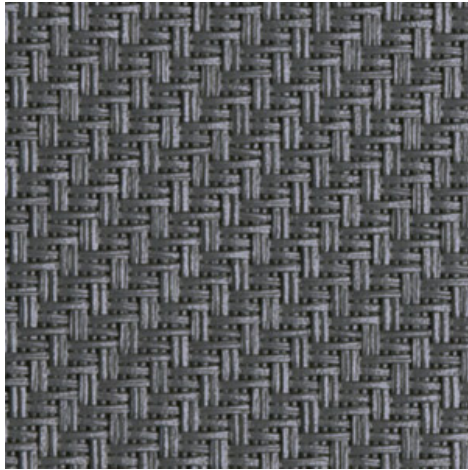


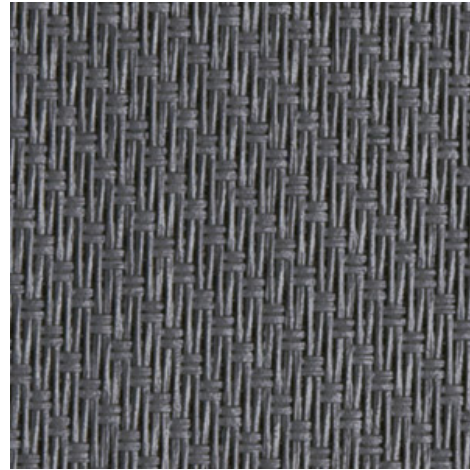
Serge 1% - grey | grey (001001)

Technical info

FRONT



BACK



<b>Widths</b>		270 cm   190 cm
<b>Composition</b>		Glassfibre 42% - PVC 58%
<b>Openness factor</b>	NBN EN 410	1.00%
<b>Weight</b>	NF EN 12127	620.00 g/m <sup>2</sup>
<b>Thickness</b>	ISO 5084	0.80 mm
<b>Density</b>	ISO 7211/2	WARP 20.00 yarn/cm      WEFT 18.00 yarn/cm
<b>Color fastness to artificial light</b>	ISO 105 B02	>7
<b>Color fastness to artificial weathering</b>	ISO 105 B04	>7
<b>Air permeability</b>	ISO 9237	497.00l/m <sup>2</sup> /s
<b>Roll length</b>		30 m
<b>Cleaning</b>		With soapy water
<b>Confection</b>		By heat, high frequency or ultrasonic welding
<b>Fire classification</b>		
└ 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

Serge 1% - grey   grey (001001)		Technical info	
<b>Tear strength</b>	ISO 4674-1 methode 2		
↳ Original		WARP 5.90 daN	WEFT 6.20 daN
↳ After climatic chamber -30°C		WARP 6.00 daN	WEFT 6.20 daN
↳ After climatic chamber +70°C		WARP 5.30 daN	WEFT 5.80 daN
<b>Elongation up to break</b>	ISO 1421		
↳ Original		WARP 4.70 %	WEFT 3.80 %
↳ After colour fastness to artificial weathering		WARP 4.70 %	WEFT 3.30 %
↳ After climatic chamber -30°C		WARP 4.80 %	WEFT 3.90 %
↳ After climatic chamber +70°C		WARP 5.00 %	WEFT 3.70 %
<b>Breaking strength</b>	ISO 1421		
↳ Original		WARP 321.00 daN/5cm	WEFT 277.00 daN/5cm
↳ After colour fastness to artificial weathering		WARP 225.00 daN/5cm	WEFT 216.00 daN/5cm
↳ After climatic chamber -30°C		WARP 236.00 daN/5cm	WEFT 279.00 daN/5cm
↳ After climatic chamber +70°C		WARP 251.00 daN/5cm	WEFT 266.00 daN/5cm

<b>Front - Interior</b>	Serge 1% - grey   grey (001001)
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Visual properties	
<b>Tv = Visual light transmittance</b>	2.20%
<b>Tuv = UV transmittance</b>	2.10%

Solar energetic properties	
<b>As = Solar absorptance</b>	80.20%
<b>Rs = Solar reflectance</b>	17.40%
<b>Ts = Solar transmittance</b>	2.40%

Fabric + glazing: G-factor				
	<b>G</b>	<b>Te</b>	<b>Qi</b>	<b>SC</b>
<b>Glazing A</b>	0.56	0.02	0.54	0.66
<b>Glazing B</b>	0.57	0.02	0.56	0.76
<b>Glazing C</b>	0.50	0.01	0.49	0.85
<b>Glazing D</b>	0.29	0.01	0.28	0.90

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

Visual comfort		
<b>Normal solar transmittance</b>	Class 4	Very good effect
<b>Glare control</b>	Class 3	Good effect
<b>Privacy night</b>	Class 2	Moderate effect
<b>Visual contact with the outside</b>	Class 2	Moderate effect
<b>Daylight utilisation</b>	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 1	Class 2

Thermal comfort Qi-factor = Secondary heat transfer factor			
Glazing A	Glazing B	Glazing C	Glazing D
Class 0	Class 0	Class 0	Class 1

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

<b>Back - Interior</b>	Serge 1% - grey   grey (001001)
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Visual properties	
Tv = Visual light transmittance	2.20%
Tuv = UV transmittance	2.10%

Solar energetic properties	
As = Solar absorptance	80.20%
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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
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Thermal comfort G-factor = Total solar energy transmittance			
Glazing A	Glazing B	Glazing C	Glazing D
Class 0	Class 0	Class 1	Class 2

Thermal comfort Qi-factor = Secondary heat transfer factor			
Glazing A	Glazing B	Glazing C	Glazing D
Class 0	Class 0	Class 0	Class 1

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

**Front - Exterior** Serge 1% - grey | grey (001001)

Visual properties	
<b>Tv = Visual light transmittance</b>	2.20%
<b>Tuv = UV transmittance</b>	2.10%

Solar energetic properties	
<b>As = Solar absorptance</b>	80.20%
<b>Rs = Solar reflectance</b>	17.40%
<b>Ts = Solar transmittance</b>	2.40%

Fabric + glazing: G-factor				
	<b>G</b>	<b>Te</b>	<b>Qi</b>	<b>SC</b>
<b>Glazing A</b>	0.13	0.02	0.11	0.16
<b>Glazing B</b>	0.10	0.02	0.08	0.13
<b>Glazing C</b>	0.06	0.01	0.05	0.10
<b>Glazing D</b>	0.05	0.01	0.04	0.15

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

Thermal comfort G-factor = Total solar energy transmittance			
<b>Glazing A</b>	<b>Glazing B</b>	<b>Glazing C</b>	<b>Glazing D</b>
Class 3	Class 4	Class 4	Class 4

Thermal comfort Qi-factor = Secondary heat transfer factor			
<b>Glazing A</b>	<b>Glazing B</b>	<b>Glazing C</b>	<b>Glazing D</b>
Class 2	Class 3	Class 3	Class 3

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

**Back - Exterior**

Serge 1% - grey | grey (001001)

**Visual properties**

<b>Tv = Visual light transmittance</b>	2.20%
<b>Tuv = UV transmittance</b>	2.10%

**Solar energetic properties**

<b>As = Solar absorptance</b>	80.20%
<b>Rs = Solar reflectance</b>	17.40%
<b>Ts = Solar transmittance</b>	2.40%

**Fabric + glazing: G-factor**

	<b>G</b>	<b>Te</b>	<b>Qi</b>	<b>SC</b>
<b>Glazing A</b>	0.13	0.02	0.11	0.16
<b>Glazing B</b>	0.10	0.02	0.08	0.13
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G = Total solar energy transmittance / Te = Direct solar transmittance / Qi = Secondary heat transfer factor / SC = Shading coefficient

**Thermal comfort G-factor = Total solar energy transmittance**

<b>Glazing A</b>	<b>Glazing B</b>	<b>Glazing C</b>	<b>Glazing D</b>
Class 3	Class 4	Class 4	Class 4

**Thermal comfort Qi-factor = Secondary heat transfer factor**

<b>Glazing A</b>	<b>Glazing B</b>	<b>Glazing C</b>	<b>Glazing D</b>
Class 2	Class 3	Class 3	Class 3

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