

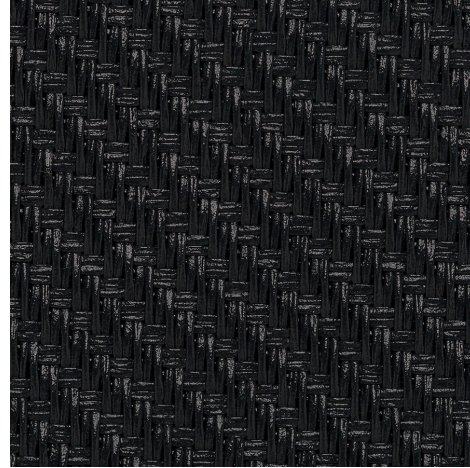
Serge 10% - charcoal | charcoal (010010)

Technical info

FRONT



BACK



|  |                     |   |
|--|---------------------|---|
| <b>Widths</b>                                  |                     | 270 cm  |
| <b>Composition</b>                             |                     | Glassfibre 42% - PVC 58%                      |
| <b>Openness factor</b>                         | NBN EN 410          | 10.00%  |
| <b>Weight</b>                                  | NF EN 12127         | 490.00 g/m <sup>2</sup>                       |
| <b>Thickness</b>                               | ISO 5084            | 0.83 mm                                       |
| <b>Density</b>                                 | ISO 2286-3          | WARP 18.00 yarn/cm      WEFT 12.00 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>Roll length</b>                             |                     | 50 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 |   |
| └ France                                       | NF P92-503          | M1  |
| └ Italy  | UNI 9177            | Class 1                                       |
| └ Germany                                      | DIN 4102            | B1  |
| └ UK   | BS 5867             | C   |
| └ USA  | NFPA 701            | FR  |

| Serge 10% - charcoal   charcoal (010010)         |                     | Technical info      |                     |
|--|---------------------|---------------------|---------------------|
| <b>Tear strength</b>                             | 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       |
| <b>Elongation up to break</b>                    | 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 %         |
| <b>Breaking strength</b>                         | 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% - charcoal | charcoal (010010)

| Visual properties                      |       |
|--|-------|
| <b>Tv = Visual light transmittance</b> | 6.10% |
| <b>Tuv = UV transmittance</b>          | 6.14% |

| Solar energetic properties      |        |
|---------------------------------|--------|
| <b>As = Solar absorptance</b>   | 89.80% |
| <b>Rs = Solar reflectance</b>   | 4.10%  |
| <b>Ts = Solar transmittance</b> | 6.10%  |

| Fabric + glazing: G-factor |          |           |           |           |
|----------------------------|----------|-----------|-----------|-----------|
|                            | <b>G</b> | <b>Te</b> | <b>Qi</b> | <b>SC</b> |
| <b>Glazing A</b>           | 0.76     | 0.00      | 0.00      | 0.00      |
| <b>Glazing B</b>           | 0.71     | 0.00      | 0.00      | 0.00      |
| <b>Glazing C</b>           | 0.57     | 0.00      | 0.00      | 0.00      |
| <b>Glazing D</b>           | 0.31     | 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                         |         |                    |
|--|---------|--------------------|
| <b>Normal solar transmittance</b>      | Class 6 |                    |
| <b>Glare control</b>                   | Class 4 | Very good effect   |
| <b>Privacy night</b>                   | Class 4 | Very good effect   |
| <b>Visual contact with the outside</b> | Class 2 | Moderate effect    |
| <b>Daylight utilisation</b>            | Class 0 | Very little effect |

**Back - Interior**

Serge 10% - charcoal | charcoal (010010)

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**Solar energetic properties**

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|                         |  |
|-------------------------|--|
| <b>Front - Exterior</b> | Serge 10% - charcoal   charcoal (010010) |
|-------------------------|--|

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| <b>Glazing A</b>           | 0.31     | 0.00      | 0.00      | 0.00      |
| <b>Glazing B</b>           | 0.24     | 0.00      | 0.00      | 0.00      |
| <b>Glazing C</b>           | 0.15     | 0.00      | 0.00      | 0.00      |
| <b>Glazing D</b>           | 0.13     | 0.00      | 0.00      | 0.00      |

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