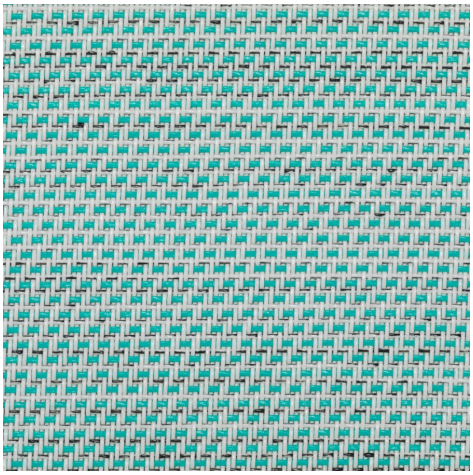
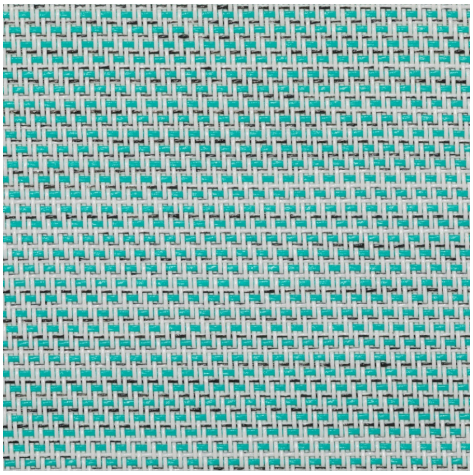
Denim 430 - Mineral fit (002205)

Technical info

FRONT



BACK



Widths		250 cm
Composition		Fibreglass 36% - PVC 64%
Openness factor	NBN EN 410	3.00%
Weight	NF EN 12127	435.00 g/m²
Thickness	ISO 5084	0.45 mm
Density	ISO 7211/2	WARP 22.00 yarn/cm WEFT 20.00 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	awaiting results
└ France	NF P92-503	M2

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Tear strength	ISO 4674-1 methode 2		
└ Original		WARP 3.30 daN	WEFT 3.65 daN
└ After climatic chamber -30°C		WARP 3.00 daN	WEFT 3.80 daN
└ After climatic chamber +70°C		WARP 3.10 daN	WEFT 3.60 daN
Elongation up to break	ISO 1421		
└ Original		WARP 8.80 %	WEFT 2.80 %
└ After color fastness to artificial light		WARP 8.70 %	WEFT 2.70 %
└ After climatic chamber -30°C		WARP 8.60 %	WEFT 1.80 %
└ After climatic chamber +70°C		WARP 8.90 %	WEFT 1.90 %
Breaking strength	ISO 1421		
└ Original		WARP 125.00 daN/5cm	WEFT 175.00 daN/5cm
└ After color fastness to artificial light		WARP 120.00 daN/5cm	WEFT 185.00 daN/5cm
└ After climatic chamber -30°C		WARP 120.00 daN/5cm	WEFT 140.00 daN/5cm
└ After climatic chamber +70°C		WARP 130.00 daN/5cm	WEFT 125.00 daN/5cm

Front - Interior — Denim 430 - Mineral fit (002205)

Visual properties	
Tv = Visual light transmittance	14.50%
Tuv = UV transmittance	6.50%

Solar energetic properties	
As = Solar absorptance	35.20%
Rs = Solar reflectance	47.40%
Ts = Solar transmittance	17.40%

Fabric + glazing: G-factor

	G	Te	Qi	SC
Glazing A	0.46	0.15	0.31	0.54
Glazing B	0.46	0.13	0.33	0.61
Glazing C	0.42	0.10	0.32	0.71
Glazing D	0.27	0.06	0.21	0.84

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

Visual comfort		
Normal solar transmittance	Class 3	Good effect
Glare control	Class 0	Very little effect
Privacy night	Class 1	Little effect
Visual contact with the outside	Class 3	Good effect
Daylight utilisation	Class 2	Moderate effect

Thermal comfort G-factor = Total solar energy transmittance

Glazing A	Glazing B	Glazing C	Glazing D
Class 1	Class 1	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

Back - Interior — Denim 430 - Mineral fit (002205)

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