



JM *Technical Textiles*

SCREEN
DIMOUT
BLACKOUT
ALUMINIUM
ACOUSTIC
MEDI CARE
FACADE



Starlet Upcycling
Starflex Upcycling

optical factors											thermal factors					
colour	fabric						classification				fabric				fabric + glazing	
	visible light (%)						glare control	night privacy	visual contact	daylight utilisation	solar radiation (%)			glazing D g=0.82 U _g =1.1		
	T _v	R _v	A _v	T _{v,n-n}	T _{v,n-dif}	R _a					T _s	R _s	A _s	T _{UV}	g _{tot}	class
Starlet Upcycling																
4898	14	75	11	0,1	13,9	91	3	3	0	2	17	70	13	0	0,25	2
4899	6	63	31	0,0	6,2	69	4	3	0	1	10	58	32	0	0,26	2
5108	4	50	46	0,0	3,5	83	4	4	0	1	6	47	47	0	0,27	2
5770	1	37	62	0,0	1,0	86	4	4	0	0	2	35	63	0	0,28	2
5832	0	6	94	0,0	0,0	50	4	4	0	0	0	6	94	0	0,30	2
6117	14	76	10	0,1	14,2	83	3	3	0	2	17	70	13	0	0,25	2
6625	0	21	79	0,0	0,1	74	4	4	0	0	0	19	81	0	0,29	2
7616	0	20	80	0,0	0,1	34	4	4	0	0	0	19	81	0	0,29	2
7628	0	7	93	0,0	0,0	29	4	4	0	0	0	9	91	0	0,30	2
10326	11	67	22	0,1	10,9	19	3	3	0	2	15	62	23	0	0,25	2
10327	4	46	50	0,0	4,0	0	4	4	0	1	13	57	30	0	0,26	2
10328	1	17	82	0,0	0,9	0	4	4	0	0	11	47	42	0	0,27	2
10329	0	12	88	0,0	0,0	0	4	4	0	0	9	38	53	0	0,28	2
10330	1	29	70	0,0	0,5	0	4	4	0	0	9	44	47	0	0,27	2
10331	2	42	56	0,0	1,9	62	4	4	0	1	4	41	55	0	0,27	2
90010	0	10	90	0,0	0,0	79	4	4	0	0	0	10	90	0	0,30	2
Starlet Medi Care Upcycling																
4898	14	75	11	0,1	13,9	91	3	3	0	2	17	70	13	0	0,25	2
4899	6	63	31	0,0	6,2	69	4	3	0	1	10	58	32	0	0,26	2
5108	4	50	46	0,0	3,5	83	4	4	0	1	6	47	47	0	0,27	2
5770	1	37	62	0,0	1,0	86	4	4	0	0	2	35	63	0	0,28	2
5832	0	6	94	0,0	0,0	50	4	4	0	0	0	6	94	0	0,30	2
6117	14	76	10	0,1	14,2	83	3	3	0	2	17	70	13	0	0,25	2
6625	0	21	79	0,0	0,1	74	4	4	0	0	0	19	81	0	0,29	2
7616	0	20	80	0,0	0,1	34	4	4	0	0	0	19	81	0	0,29	2
10326	11	67	22	0,1	10,9	19	3	3	0	2	15	62	23	0	0,25	2
10327	4	46	50	0,0	4,0	0	4	4	0	1	13	57	30	0	0,26	2
10328	1	17	82	0,0	0,9	0	4	4	0	0	11	47	42	0	0,27	2
10329	0	12	88	0,0	0,0	0	4	4	0	0	9	38	53	0	0,28	2
10330	1	29	70	0,0	0,5	0	4	4	0	0	9	44	47	0	0,27	2
10331	2	42	56	0,0	1,9	62	4	4	0	1	4	41	55	0	0,27	2
Starlet Dimout Upcycling																
4898	5	79	16	0,0	5,2	86	4	3	0	1	8	73	19	0	0,24	2
5770	1	78	21	0,0	1,0	81	4	4	0	0	2	71	27	0	0,24	2
6117	6	76	18	0,0	5,9	81	4	3	0	1	8	71	21	0	0,25	2
Starflex Dimout Upcycling																
4898	5	82	13	0,0	5,0	79	4	3	0	1	7	76	17	0	0,24	2
4899	2	81	17	0,0	2,0	66	4	4	0	1	5	76	19	0	0,24	2
5108	2	78	20	0,0	2,1	77	4	4	0	1	4	77	19	0	0,24	2
5770	1	80	19	0,0	1,1	79	4	4	0	1	2	73	25	0	0,24	2
6117	4	81	15	0,0	4,6	76	4	3	0	1	7	77	16	0	0,24	2
6625	0	81	19	0,0	0,3	68	4	4	0	0	1	74	25	0	0,24	2
7616	0	81	19	0,0	0,3	45	4	4	0	0	1	77	22	0	0,24	2
10331	1	81	18	0,0	1,4	66	4	4	0	0	3	77	20	0	0,24	2

Data is measured according to EN 410:2011 and EN 14500:2021. Calculations of g_{tot} are defined according to EN ISO 52022-1:2017 using solar control double glazing type D (g=0,32; U_g=1,1). Other glazing types can be calculated on request.

Classifications: 0 (very little effect), 1 (little effect), 2 (moderate effect), 3 (good effect) and 4 (very good effect) refer to EN 14501:2021.



6625

90010

5832

10328

10327

10326

10330

10329

7628

New York
Grey

Charcoal

Midnight
Black

Classic
Red

Mandarine

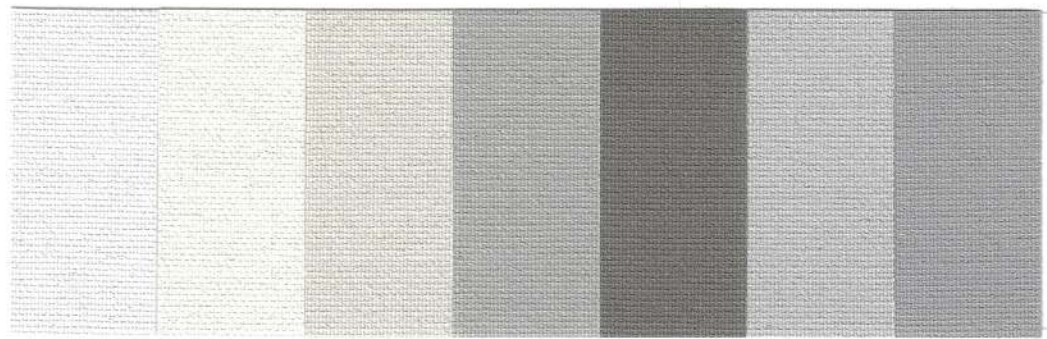
Canary

Rural Green

Royal Blue

Night Blue





4898

6117

4899

10331

7616

5108

5770

Snow

Cream

Perfect
Greige

Stone

Chocolate

Grey Haze

French Grey

Starlet Upcycling

40818
240 cm



B1
C1
M1
NFPA
B-s1,d0

04-2064-3100
310 cm



70537 / 70637
89 mm / 127 mm



Starlet Medi Care Upcycling

40981
240 cm



B1
C1
M1
NFPA
B-s1,d0

70719 / 70819
89 mm / 127 mm



Starlet Dimout Upcycling

40823
240 cm



B1

70564 / 70664
89 mm / 127 mm



Starflex Dimout Upcycling

40822
240 cm



B1

04-2241-3100
310 cm



70547 / 70647
89 mm / 127 mm



Starlet Upcycling Starflex Upcycling

0%



PVC-free



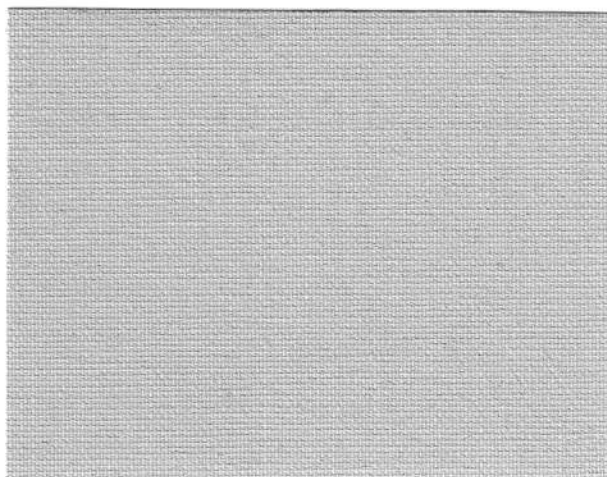
very good glare control



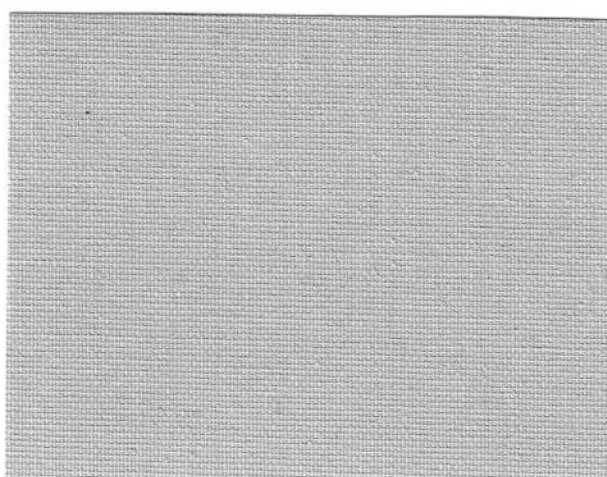
wide colour range



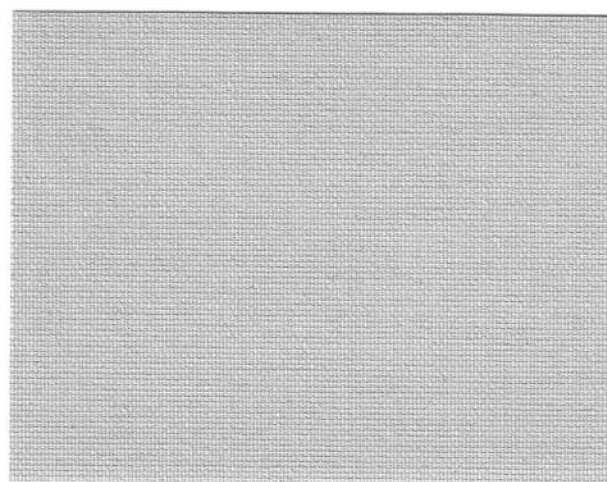
very good night privacy



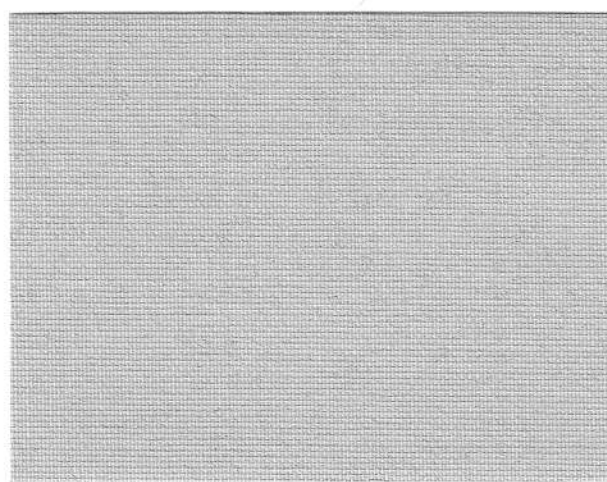
STARLET UPCYCLING
40818 / 04-2064-3100
70537 / 70637



STARLET MEDI CARE UPCYCLING
40981
70719 / 70819



STARLET DIMOUT UPCYCLING
40823
70564 / 70664



STARFLEX DIMOUT UPCYCLING
40822 / 04-2241-3100
70547 / 70647



**UP
cycling**



- ✓ min. 80 % recycled post-consumer polyester (PET - plastic waste)
- ✓ sustainable
- ✓ saves fossil resources



Starlet Upcycling

Starlet Medi Care* Upcycling

Article	40818	04-2064-3100	70537 / 70637	40981	70719 / 70819
Width	240 cm / 94"	310 cm / 122"	89 mm / 3,5" 127 mm / 5"	240 cm / 94"	89 mm / 3,5" 127 mm / 5"
Base material	min. 80 % recycled polyester			min. 80 % recycled polyester	
Weight approx.	EN 12127	215 g/m ² / 6,3 oz/yd ²		215 g/m ² / 6,3 oz/yd ²	
Thickness approx.	EN ISO 5084	0,37 mm / 0,015"		0,37 mm / 0,015"	
Openness factor OF	EN 14500	0 %		0 %	
Flame retardancy		B1 / C1 / M1 / NFPA 701 / B-s1,d0		B1 / C1 / M1 / NFPA 701 / B-s1,d0	
Sound absorption	EN ISO 10534-2	$\alpha_w = 0,30$		$\alpha_w = 0,30$	
Light fastness (window side)	EN ISO 105-B02	min. 5-6		min. 5-6	
Tensile properties: Determination of max. force Elongation at max. force	EN ISO 13934-1	warp: > 70 daN - weft: > 45 daN warp: approx.13 % - weft: approx.18 %		warp: > 70 daN - weft: > 45 daN warp: approx.13 % - weft: approx.18 %	
Suitable for moist atmosphere		yes		yes	
Manufacturing guidance		to cut with cold knife	conditionally weldable**, welding agent recommended	to cut with cold knife	conditionally weldable**, welding agent recommended
Roll length approx.		42 m / 46 yd	200 m / 219 yd	42 m / 46 yd	200 m / 219 yd
Care instruction		spongeable		spongeable	

Starlet Dimout Upcycling

Starflex Dimout Upcycling

Article	40823	70564 / 70664	40822	04-2241-3100	70547 / 70647
Width	240 cm / 94"	89 mm / 3,5" 127 mm / 5"	240 cm / 94"	310 cm / 122"	89 mm / 3,5" 127 mm / 5"
Base material	min. 80 % recycled polyester			min. 80 % recycled polyester	
Weight approx.	EN 12127	240 g/m ² / 7,1 oz/yd ²		250 g/m ² / 7,4 oz/yd ²	
Thickness approx.	EN ISO 5084	0,37 mm / 0,015"		0,38 mm / 0,015"	
Openness factor OF	EN 14500	0 %		0 %	
Flame retardancy		B1		B1	
Sound absorption	EN ISO 10534-2	$\alpha_w = 0,20$		$\alpha_w = 0,20$	
Light fastness (window side)	EN ISO 105-B02	min. 6		min. 6	
Tensile properties: Determination of max. force Elongation at max. force	EN ISO 13934-1	warp: > 80 daN - weft: > 45 daN warp: approx.13 % - weft: approx.18 %		warp: > 80 daN - weft: > 45 daN warp: approx.13 % - weft: approx.18 %	
Suitable for moist atmosphere		yes		yes	
Manufacturing guidance		to cut with cold knife	conditionally weldable**, welding agent recommended	to cut with cold knife	welding agent recommended**
Roll length approx.		32 m / 35 yd	150 m / 164 yd	32 m / 35 yd	150 m / 164 yd
Care instruction		spongeable		spongeable	

* Testing of bacteriostatic activity in accordance with ASTM E 2149. Fabric contains biocidal product: Silverchloride. This refers to Starlet Medi Care Upcycling (all colours) and Starlet Upcycling (colours 10326,10327,10328,10329,10330).

** welding parameters must be tested in advance

DISCLAIMER

This documentation was created to the best of our knowledge. It does not absolve the processor from examination for compliance with official rules and regulations. For products treated with approved biocidal active substances, the Biocidal Products Regulation 528/2012, regarding the provision on the market and the use of biocidal products within the European Union, must be regarded. Therefore, the person placing the products on the market is responsible to ensure that they are labeled in conformity. Information is available at: www.reach-clp-biozid-helpdesk.de. Outside the European Union, for example for the US and Canadian markets, there may be different requirements that must be observed by dealers, processors and distributors. Junkers & Müllers GmbH assures the application of active biocidal substances approved only in the EU. The products are sold as „treated goods“ and as such are not subject to authorization. Inappropriate, incomplete or even health-related claims and statements can result in mandatory registration as a medical product.

The information provided in this document do not exempt processors from carrying out own tests and trials as further handling and processing may show significant effects on our products. Application, utilization and processing of products are beyond our control and are therefore the sole responsibility of the processors. All specifications are based on current knowledge and experience. They are based on average values and may deviate within the standard tolerance limits. Subject to technical modifications.

The base material of this article is made of at least 80 % recycled PET bottles. Due to different colours of PET bottles and the corresponding final colour of the recycled polyester fibers, colour deviations cannot be completely avoided, despite the utmost care in selection and recycling.

Product certificates and guarantees

Sustainable building certificates

All JM fabrics certified according to SCS Advantage™ Gold can contribute to credits in sustainable building certifications, such as DGNB, BREEAM and LEED.

