

Collection City.
The automatic choice.







NEW YORK

This town is the epitome of the American dream and always looks best in black and white. Classic New York images also inspired this color range comprising above all, but not only, shades of gray.



SYDNEY

The Australian metropolis with its world-famous landmark, the opera house, its many beaches and the large parks is epitomized by the splendor of its sea and green spaces. This color scheme was inspired by Sydney's blues and greens.



SHANGHAI

The Chinese metropolis is one of the world's largest trading centers and is among the liveliest cities in the world. Shanghai is characterized by its brilliant, vibrant colors – as is this collection.

ACRYLIC TECHNOLOGY

Griesser acrylic fabrics have been in use for generations. Having been on the market for over 40 years, they convince thanks to their extraordinary durability and long-lasting color brilliance. The color pigment is stored in each individual fiber during the creation of the basic acrylic material. The result is especially high color brilliance and great UV resistance. This dyeing of the basic material makes Griesser fabrics superior to the products of other manufacturers, in which only the finished threads are dyed. The basic acrylic material consists of many small fibers, which become entangled with each other to create a wadded source material. This basic material later ensures particularly pleasant haptic textile qualities in the woven fabric. The wad is subsequently spun: during the spinning process the individual fibers are gradually aligned to be increasingly straight until they lie close to each other and are brought together as a single thread. The advantage of Griesser acrylic fabric: Thanks to the vertical production process – from spinning, weaving and equipment to the finished fabric – product optimizations and innovations can be implemented faster.

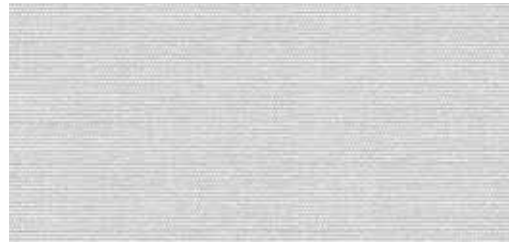


New York

3-579



3-709



3-515



3-718



3-719



3-509



3-708



3-716*



All samples are produced with standard print colors and may therefore deviate from the original color shades.



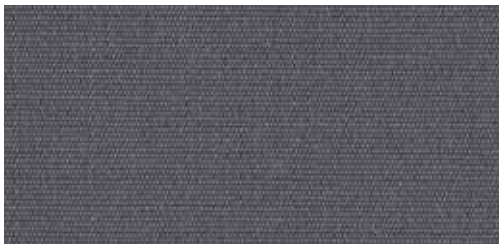
4-989



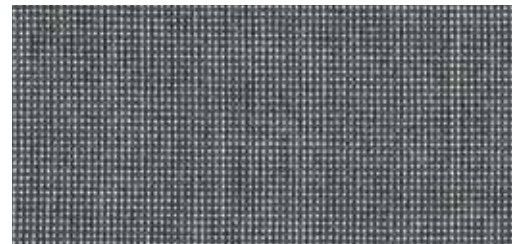
3-717*



3-597



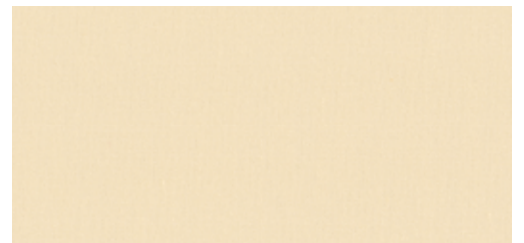
3-720*



4-658



3-560*



3-501



3-557



3-573



3-504*



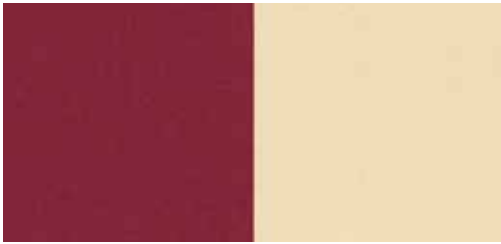
3-598



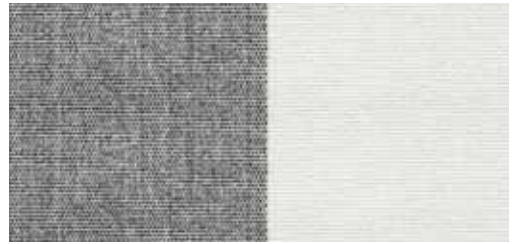
3-556



3-828



3-813*



3-824*



3-746



3-825



3-744



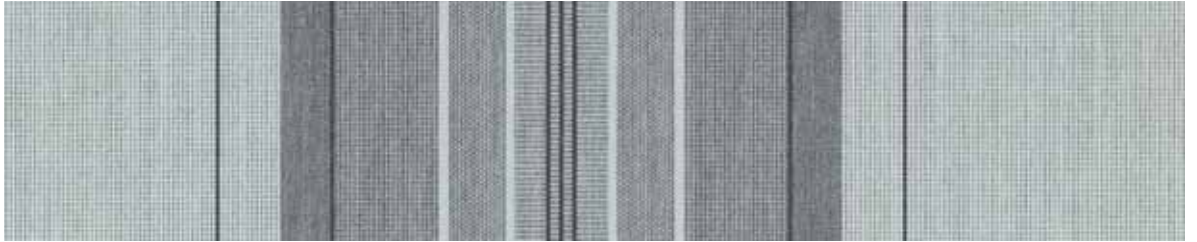
3-742



3-745



4-376



4-208*



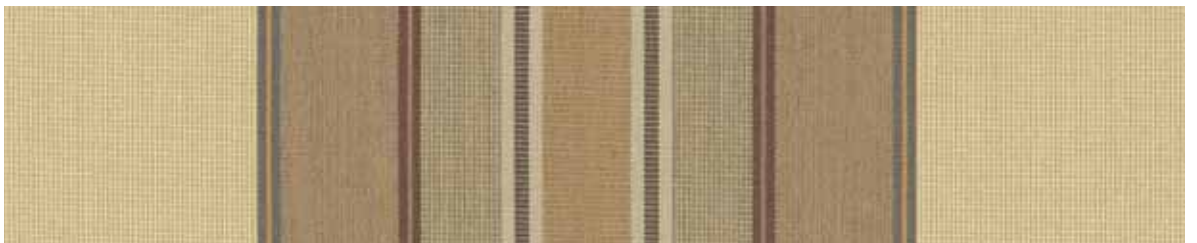
4-320*



4-377*



4-373





Sydney

3-575



3-529



3-725



3-802



3-505



3-722



3-510



3-826





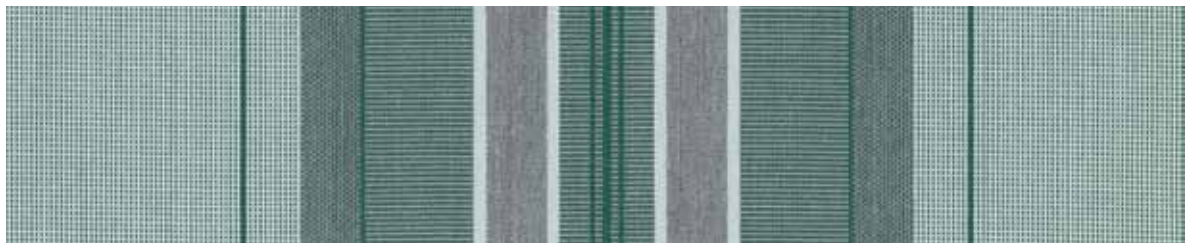
4-382



3-748



4-378





Shanghai

3-502*



3-584



3-512



3-503



3-572



3-537



3-820*



4-970*



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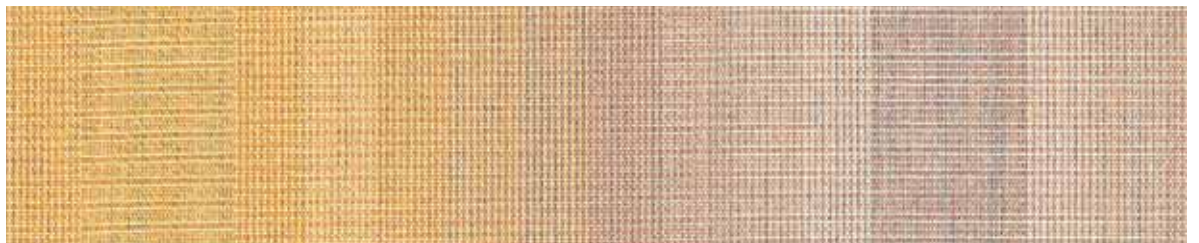
4-641*



4-232*



4-963



4-228*



4-973



4-367*



3-743*



4-365*



4-364*



4-369*





Folding crease dark in transmitted light



Waviness next to a seam



Finissaggio ad alta tecnologia
High technology finishing
“High-technology” Ausrüstung
Acabado de alta tecnologia



FRUCCA
MULTITESTILE
Getestet op schadelijke stoffen
Passed for harmful substances
Schadstoffgeprüft
Tested substances not detected
Test sostanze nocive
not detected / according to / nicht /
illegale / según
Öko-Text Standard 100
No. 012345 02/10/2007 - (Date Issue)

CREASES

Creases arise during the production and folding of the sun protection fabric. A dark line can be seen at the crease location against the light, especially in the case of light colors.

PRODUCT CHARACTERISTICS OF AWNING FABRICS

The fabric of an awning primarily offers protection from glares, UV radiation and excessive heat. In addition, the forms and colors of the fabric pattern convey a pleasant atmosphere. Despite modern and meticulous production processes, it is not possible to avoid minor blemishes in processed fabrics. The technical fabrics we process meet strict technical requirements and are subjected to comprehensive laboratory tests in the production process. The most widely varying characteristics are consistently checked using recognized measurement processes.

WAVINESS IN THE SEAM AREA

Awning fabrics are normally produced from strips about 120 cm wide. When sewn together, an upper and lower layer of fabric arises in the seam and hem area. If the awning fabric is rolled up, tension arises between these layers of fabric, since the upper fabric strip has to cover a longer distance than the lower during rolling. The seams and side hem are overstretched across the entire rolling length of the fabric. This leads to sagging in this area – the fabric becomes wavy here. This unavoidable effect has no influence on the quality, function or durability of the fabrics.

HONEYCOMBING EFFECT

Awning fabrics are sewn in the projection direction to enable the tensile stress to act on the warp threads. These are woven more densely than the weft threads for optimal absorption of the tensile forces. This creates the honeycombing effect, depending on weather conditions and fabric sizes. This effect is reinforced by unfavorable light or moisture – especially if the fabric is retracted while wet. To enable rainwater to flow off, the fabric slant must be at least 14°. This counteracts the formation of water deposits and dirt streaks. The honeycombing can extend up to the center of the fabric strip. This effect has no influence on the quality, function or durability of the fabrics.

DIRT-, WATER- AND OIL-REPELLENT

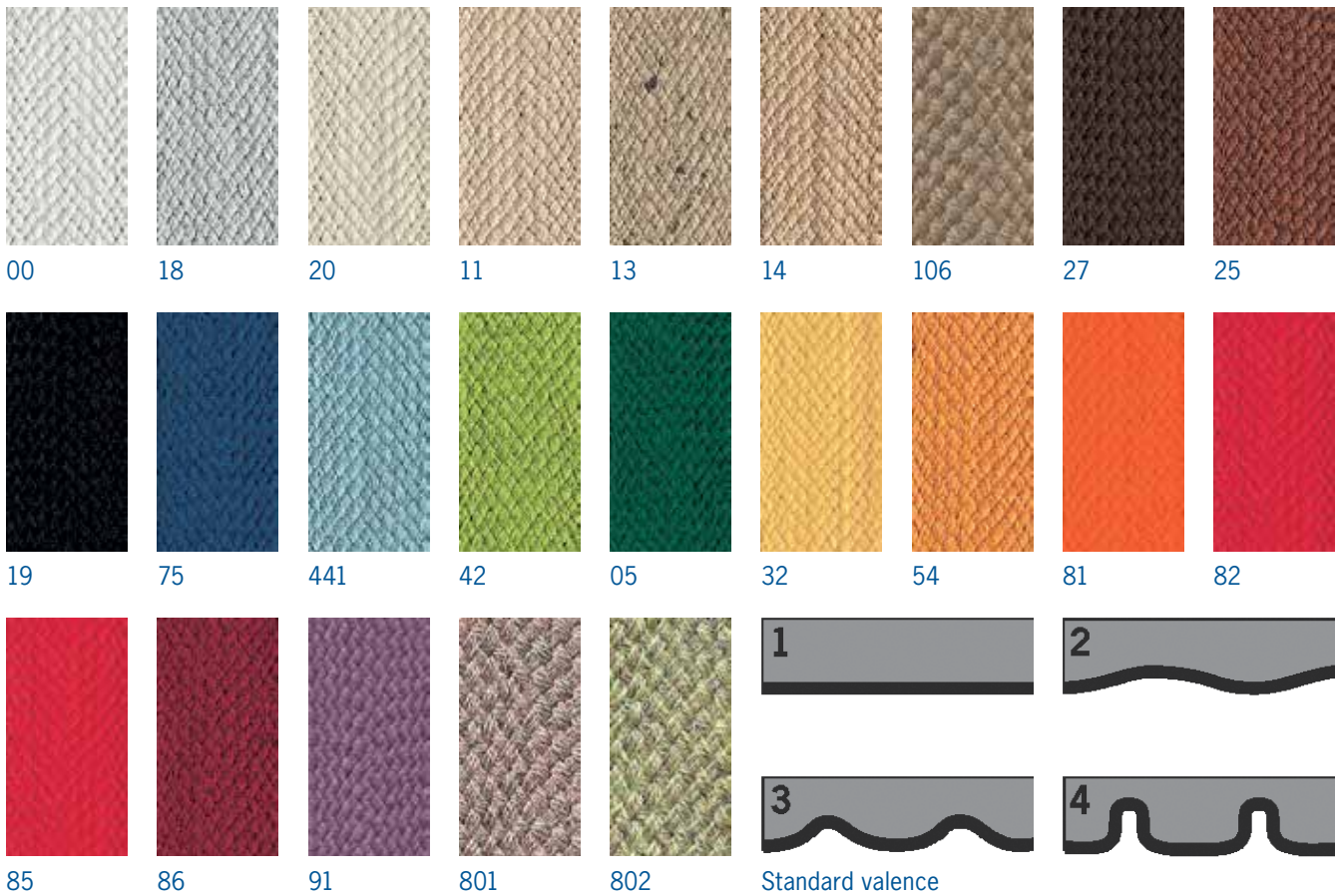
Thanks to the innovative nano-coating on Griesser fabrics, dirt simply rolls right off.

SAFE FOR PEOPLE AND THE ENVIRONMENT

The Oeko-Text Standard 100 quality seal guarantees that Griesser fabrics do not contain any materials that could be harmful to health or the environment.

VALENCE AND VALENCE EDGE BINDINGS

Griesser also offers a broad colour range for edge bindings. For every fabric design, you will find the number of the recommended edge binding.



MATERIAL NO.	T _e	R _e	T _v	R _v	HS	LS	UPF	G-TOTAL _e EN14501	PARA REF.	EF
NEW YORK										
3-501	0.17	0.50	0.15	0.50	0.83	0.85	50+	0.14	15/1	20
3-504	0.18	0.48	0.13	0.46	0.82	0.87	50+	0.15	407/54	25
3-509	0.20	0.53	0.18	0.50	0.80	0.82	50+	0.16	407/94	18
3-515	0.27	0.67	0.26	0.67	0.73	0.74	15	0.18	15	00
3-556	0.15	0.40	0.04	0.25	0.85	0.96	50+	0.14	56	82
3-557	0.05	0.25	0.01	0.09	0.95	0.99	50+	0.09	57	25
3-560	0.20	0.57	0.16	0.52	0.80	0.84	25	0.15	93/15	20
3-573	0.04	0.24	0.01	0.07	0.96	0.99	50+	0.09	73	86
3-579	0.09	0.40	0.06	0.36	0.91	0.94	50+	0.10	79	18
3-597	0.03	0.26	0.01	0.15	0.97	0.99	50+	0.08	97	19
3-598	0.05	0.21	0.01	0.09	0.95	0.99	50+	0.10	98	85
3-708	0.20	0.58	0.14	0.52	0.80	0.86	40	0.15	15/14	00
3-709	0.20	0.55	0.18	0.53	0.80	0.82	25	0.15	15/79	18
3-716	0.10	0.39	0.06	0.32	0.90	0.94	40	0.11	986/14	11
3-717	0.09	0.35	0.04	0.25	0.91	0.96	50+	0.11	873/727	27
3-718	0.20	0.55	0.18	0.52	0.80	0.82	35	0.15	986/15	18
3-719	0.20	0.53	0.18	0.50	0.80	0.82	50+	0.16	986/727	18
3-720	0.10	0.31	0.08	0.15	0.90	0.92	50+	0.12	986/107	19
3-742	0.22	0.58	0.20	0.55	0.78	0.80	15	0.16	242	18
3-744	0.13	0.35	0.09	0.30	0.87	0.91	50+	0.13	5371/106	27

MATERIAL NO.	T _e	R _e	T _v	R _v	HS	LS	UPF	G-TOTAL _e EN14501	PARA REF.	EF
3-745	0.18	0.50	0.15	0.47	0.82	0.85	50+	0.15	5370	106
3-746	0.09	0.40	0.06	0.36	0.91	0.94	50+	0.10	5371/727	18
3-813	0.22	0.58	0.20	0.55	0.78	0.80	15	0.16	425	18
3-824	0.13	0.38	0.11	0.32	0.87	0.89	35	0.13	1003	19
3-825	0.20	0.55	0.18	0.52	0.80	0.82	50+	0.15	936	18
3-828	0.17	0.49	0.16	0.44	0.83	0.84	50+	0.14	932	86
4-208	0.21	0.57	0.19	0.53	0.79	0.81	50+	0.16	728/79	18
4-320	0.19	0.53	0.15	0.48	0.81	0.85	50+	0.15	497/94	18
4-373	0.15	0.47	0.12	0.44	0.85	0.88	50+	0.13	5348/58	14
4-376	0.17	0.52	0.15	0.50	0.83	0.85	25	0.14	5347/79	18
4-377	0.32	0.30	0.25	0.30	0.68	0.75	50+	0.25	5386/79	18
4-658	0.21	0.60	0.14	0.54	0.79	0.86	50+	0.16	4015/91	27
4-989	0.22	0.56	0.20	0.53	0.78	0.80	25	0.17	5228/79	18
SYDNEY										
3-505	0.03	0.15	0.01	0.10	0.97	0.99	50+	0.09	5	5
3-510	0.08	0.30	0.05	0.29	0.92	0.95	50+	0.11	407/3	5
3-529	0.15	0.50	0.10	0.44	0.85	0.90	50+	0.14	17/15	441
3-575	0.03	0.19	0.01	0.05	0.97	0.99	50+	0.09	75	75
3-722	0.15	0.43	0.08	0.38	0.85	0.92	50+	0.14	16	42
3-725	0.10	0.32	0.04	0.24	0.90	0.96	50+	0.12	91	91
3-748	0.06	0.28	0.06	0.33	0.94	0.94	50+	0.10	5368/106	11
3-802	0.19	0.51	0.16	0.48	0.81	0.84	50+	0.15	1302	802
3-826	0.18	0.51	0.16	0.47	0.82	0.84	50+	0.15	931	5
4-378	0.11	0.39	0.08	0.36	0.89	0.92	25	0.12	5347/62	5
4-382	0.22	0.44	0.16	0.48	0.78	0.84	40	0.18	5355/75	75
SHANGHAI										
3-502	0.20	0.60	0.18	0.56	0.80	0.82	50+	0.15	407/85	32
3-503	0.19	0.50	0.15	0.47	0.81	0.85	50+	0.15	407/9	54
3-512	0.19	0.50	0.14	0.48	0.81	0.86	50+	0.15	12	32
3-537	0.24	0.59	0.20	0.57	0.76	0.80	15	0.17	37	32
3-572	0.16	0.46	0.05	0.27	0.84	0.95	50+	0.14	72	81
3-584	0.20	0.60	0.18	0.56	0.80	0.82	50+	0.15	684/12	32
3-743	0.20	0.60	0.18	0.56	0.80	0.82	50+	0.15	5381/12	32
3-820	0.21	0.55	0.18	0.53	0.79	0.82	35	0.16	994	32
4-228	0.20	0.57	0.18	0.52	0.80	0.82	50+	0.15	797/12	18
4-232	0.19	0.52	0.15	0.47	0.81	0.85	25	0.15	5156/54	54
4-364	0.25	0.28	0.20	0.25	0.75	0.80	50+	0.21	5382/58	54
4-365	0.19	0.51	0.10	0.42	0.81	0.90	50+	0.15	5383/54	54
4-367	0.35	0.35	0.30	0.35	0.65	0.70	50+	0.26	5384/58	106
4-369	0.38	0.28	0.35	0.38	0.62	0.65	50+	0.28	5382/97	19
4-641	0.21	0.55	0.18	0.50	0.79	0.82	25	0.16	5155/62	32
4-963	0.17	0.49	0.14	0.43	0.83	0.86	50+	0.14	1313/1	801
4-970	0.21	0.52	0.18	0.49	0.79	0.82	50+	0.16	650/12	32
4-973	0.20	0.54	0.18	0.51	0.80	0.82	30	0.16	5167/12	32

KEY

T_e = transmission coefficient solar spectrum
R_e = reflection coefficient solar spectrum
T_v = transmission coefficient visible spectrum
R_v = reflection coefficient visible spectrum

g-total_e = Total energy transmittance for «closed» external solar shading with glazing, Calculation in accordance with SN EN 13363-1-A1, reference glazing C in accordance with EN 14501, g = 0.59, U = 1.20 [W/m²K]

HS = heat protection
LS = light protection
UPF = sun protection factor (UV protection factor)
EF = recommended edge binding
* = trend design



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