KNC FACADE

METAL

MAIN SPECIFICATIONS

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MAIN SPECIFICATIONS OF INDUSTRIAL WIRE SCREENS

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Square apertures			
Aperture width	Wire diameter	Weight	Open screening area
w	d	G	Ao
mm	mm	kg/m²	%
0.025	0.025	0.16	25
0.038	0.025	0.13	36
0.050	0.032	0.16	37
0.063	0.040	0.20	37
0.071	0.050	0.26	34
0.075	0.050	0.28	36
0.080	0.050	0.24	38
0.090	0.050	0.23	41
0.100	0.063	0.31	38
0.125	0.080	0.40	37
0.140	0.067	0.28	46
0.140	0.112	0.63	31
0.160	0.100	0.49	38
0.200	0.090	0.35	48
0.200	0.140	0.73	35
0.224	0.125	0.57	41
0.250	0.160	0.79	37
0.315	0.160	0.68	44
0.315	0.200	0.99	37
0.355	0.180	0.77	44
0.400	0.180	0.71	48
0.400	0.200	0.85	44
0.450	0.200	0.78	48
0.500	0.125	0.32	64
0.500	0.250	1.06	44
0.500	0.315	1.55	38
0.560	0.224	0.81	51
0.630	0.160	0.41	64
0.630	0.250	0.90	51
0.630	0.315	1.33	44
0.710	0.315	1.23	48
0.800	0.315	1.13	52
0.800	0.400	1.69	44
0.900	0.315	1.04	55
0.900	0.400	1.56	48
1.000	0.315	0.96	58
1.000	0.500	2.12	44
1.000	0.630	3.19	38
1.180	0.500	1.89	49
1.250	0.400	1.23	57

Square apertures			
Aperture width	Wire diameter	Weight	Open screening area
w	d	G	Ao
mm	mm	kg/m²	%
1.250	0.630	2.77	44
1.250	0.800	4.09	37
1.320	0.630	2.67	46
1.400	0.315	0.73	67
1.400	0.450	1.39	57
1.400	0.630	2.56	48
1.500	0.630	2.44	50
1.600	0.315	0.66	70
1.600	0.500	1.51	58
1.600	0.800	3.39	44
1.600	1.000	5.04	38
1.800	0.315	0.60	72
1.800	0.560	1.69	58
1.800	0.800	3.22	48
2.000	0.560	1.56	61
2.000	1.000	4.37	44
2.000	1.400	7.78	35
2.240	0.630	1.81	61
2.240	0.900	3.38	51
2.500	0.710	2.06	61
2.500	1.250	5.63	44
2.500	1.600	8.43	37
2.800	0.710	1.91	64
2.800	1.400	6.30	44
2.800	1.800	9.51	37
3.150	0.800	2.12	64
3.150	1.400	5.82	48
3.150	1.800	8.84	41
3.550	0.900	2.42	64
3.550	1.400	5.35	51
3.550	2.000	9.73	41
4.000	1.000	2.66	64
4.000	1.250	4.02	58
4.000	1.600	6.17	51
4.000	2.000	9.00	44
4.500	1.250	3.67	61
5.000	1.250	3.38	64
5.000	1.400	4.13	61
5.000	2.000	7.71	51
5.600	1.250	3.08	67

Square apertures			
Aperture width	Wire diameter	Weight	Open screening area
w	d	G	Ao
mm	mm	kg/m²	%
6.30	1.25	2.80	70
6.30	1.60	4.37	64
6.30	2.00	6.51	58
6.30	3.15	14.18	44
7.10	1.40	3.11	70
7.10	2.00	5.93	61
8.00	2.50	8.04	58
8.00	3.15	12.01	52
8.50	1.60	3.42	71
9.00	2.50	7.34	61
9.00	3.15	11.03	55
10.00	1.80	3.71	72
10.00	2.50	6.75	64
10.00	3.15	10.19	58
10.00	4.00	15.43	51
12.50	2.50	5.63	69
12.50	3.15	8.56	64
12.50	4.00	13.09	57
13.20	3.15	8.19	65
14.00	2.50	5.11	72
14.00	3.15	7.81	67
15.00	4.00	11.37	62
16.00	4.00	10.80	64
17.00	2.50	4.33	76
18.00	4.00	9.82	67
20.00	3.15	5.79	75
20.00	4.00	9.00	69
20.00	6.00	18.69	59
25.00	4.00	7.45	74
25.00	6.00	15.68	65
28.00	6.00	14.29	68
31.50	6.00	12.96	71
31.50	8.00	21.87	64
35.50	8.00	19.86	67
40.00	8.00	18.00	69
45.00	8.00	16.30	72
50.00	8.00	14.90	74

Slotted apertures			
Aperture width	Wire diameter	Weight	Open screening area
w	d	G	Ao
mm	mm	kg/m²	%
0.10 x 0.30	0.08 / 0.08	0.33	44
0.125 x 0.45	0.20 / 0.20	1.17	27
0.15 x 0.45	0.125 / 0.14	0.57	42
0.16 x 0.48	0.16 / 0.14	0.71	39
0.18 x 0.67	0.18 / 0.18	0.81	39
0.20 x 0.60	0.125 / 0.112	0.42	52
0.20 x 0.60	0.20 / 0.18	0.90	39
0.25 x 0.75	0.16 / 0.14	0.54	51
0.25 x 0.75	0.224 / 0.20	0.94	42
0.30 x 0.90	0.28 / 0.25	1.20	41
0.315 x 0.95	0.20 / 0.18	0.69	51
0.40 x 1.18	0.25 / 0.224	0.84	52
0.45 x 1.40	0.315 / 0.28	1.15	49
0.50 x 1.50	0.25 / 0.224	0.71	58
0.50 x 1.50	0.315 / 0.28	1.08	52
0.50 x 1.50	0.40 / 0.355	1.60	45
0.56 x 1.70	0.355 / 0.315	1.20	52
0.63 x 1.90	0.28 / 0.25	0.74	61
0.63 x 1.90	0.50 / 0.45	1.95	45
0.71 x 2.12	0.315 / 0.28	0.83	61
0.71 x 2.12	0.45 / 0.40	1.51	52
0.80 x 2.36	0.315 / 0.28	0.76	64
0.80 x 2.36	0.50 / 0.45	1.68	52
0.90 x 2.65	0.40 / 0.315	1.01	62
1.00 x 3.00	0.63 / 0.80	2.70	48
1.25 x 3.75	0.63 / 0.80	2.35	55
1.40 x 4.25	0.71 / 1.00	2.85	54
1.60 x 4.75	0.80 / 1.00	3.00	55
1.80 x 5.30	0.90 / 1.25	3.60	54
2.00 x 6.00	0.90 / 1.40	3.65	56
2.50 x 7.50	1.00 / 1.40	3.45	60
2.80 x 8.50	1.00 / 1.40	3.15	63
3.15 x 9.50	1.00 / 1.40	2.90	66
4.00 x 11.80	1.25 / 1.60	3.30	67
4.00 x 11.80	1.60 / 2.00	4.85	61
4.50 x 13.20	1.25 / 1.60	3.05	70
5.00 x 15.00	1.40 / 2.00	3.70	69

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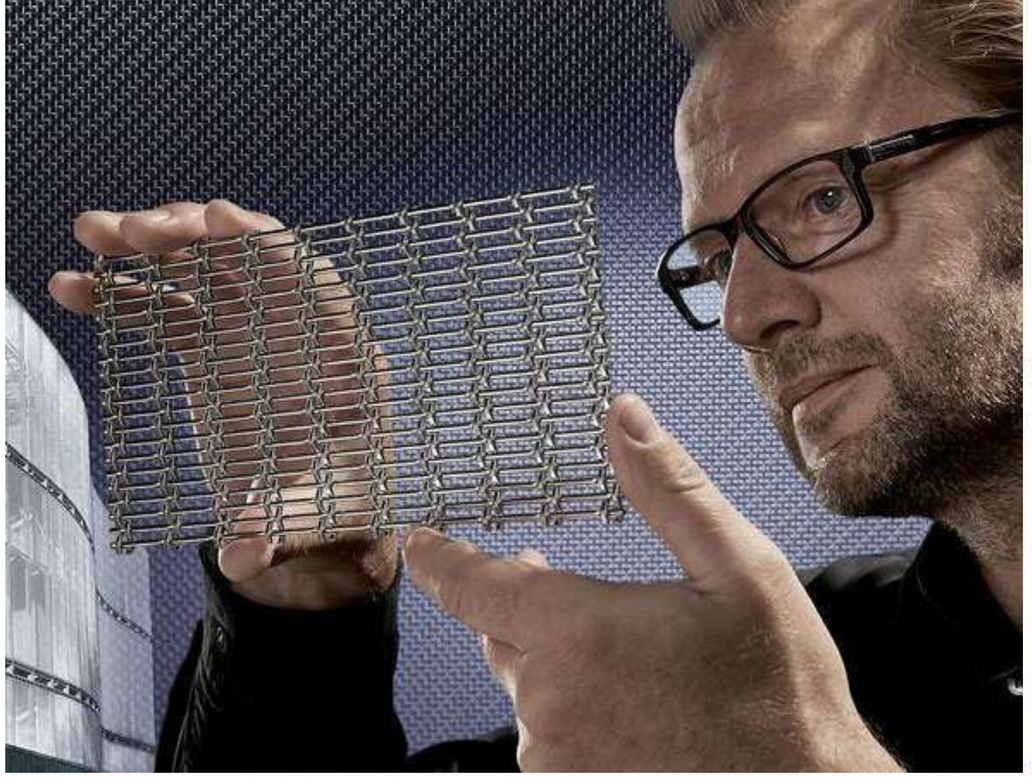


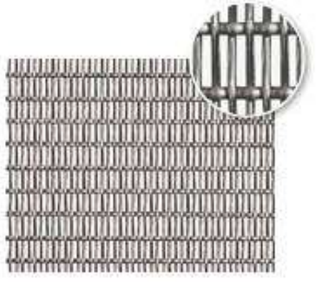
MORE THROUGHPUT, LONGER LIFETIME: SPECIAL SLOTTED APERTURES – TON-CAP AND EGLA-MAX.

By default, rectangular apertures have a length-to-width ratio of 1:3. Wires of the same diameter as for the corresponding square apertures are used. The open area is larger than with a square aperture, ensuring a higher throughput. However, the wear lifetime of the screen section is shorter due to the lower weight. The Haver & Boecker product range has two special rectangular apertures that provide for convincing solutions.

TON-CAP

This stands for Tonnage Capacity, a wire cloth consisting of fine rectangular apertures with a length-to-width ratio of 1:6 to 1:15. The sleek shape of these apertures permits the use of larger-diameter wire than with corresponding square apertures. While the open area remains approximately the same, the weight is more than double, which ensures that the wear life of TON-CAP is significantly longer with comparable throughput capacity.

TON-CAP is suitable primarily for abrasive materials when a long wear life is a top priority. lange Standzeit erzielt werden soll.



TON-CAP			
Aperture width	Wire diameter	Weight	Open screening area
w	d	G	Ao
mm	mm	kg/m²	%
0.18 x 2.65	0.45 / 0.50	2.60	24
0.25 x 1.60	0.40 / 0.56	2.55	29
0.265 x 4.50	0.56 / 0.63	2.95	28
0.30 x 2.00	0.45 / 0.56	2.55	31
0.355 x 2.50	0.45 / 0.63	2.45	35
0.375 x 2.65	0.40 / 0.50	1.90	41
0.40 x 2.50	0.56 / 0.71	3.10	33
0.45 x 3.55	0.45 / 0.63	2.10	43
0.475 x 3.00	0.50 / 0.71	2.55	39
0.53 x 3.35	0.45 / 0.63	2.00	46
0.53 x 3.35	0.63 / 0.90	3.45	36
0.56 x 3.55	0.50 / 0.71	2.30	44
0.56 x 3.55	0.56 / 0.80	2.75	41
0.63 x 4.25	0.63 / 0.90	3.00	41
0.71 x 4.25	0.71 / 0.90	3.25	41

EGLA-MAX			
Aperture width	Wire diameter	Weight	Open screening area
w	d	G	Ao
mm	mm	kg/m²	%
0.63 x 30.00	1.00 / 2 x 0.80	4.15	37
0.71 x 30.00	1.00 / 2 x 0.80	3.97	39
0.80 x 30.00	1.00 / 2 x 0.80	3.78	42
0.90 x 30.00	1.00 / 2 x 0.80	3.60	45
1.00 x 30.00	1.00 / 2 x 0.80	3.43	48
1.12 x 30.00	1.00 / 2 x 0.80	3.25	50
1.25 x 30.00	1.25 / 2 x 1.00	4.37	47
1.40 x 30.00	1.25 / 2 x 1.00	4.14	50
1.60 x 40.00	1.25 / 2 x 1.00	3.78	54
1.80 x 40.00	1.25 / 2 x 1.25	4.36	53
2.00 x 40.00	1.40 / 2 x 1.25	4.13	55
2.50 x 40.00	1.40 / 2 x 1.25	3.66	60
3.15 x 50.00	1.60 / 2 x 1.40	3.89	63
4.00 x 63.00	1.80 / 2 x 1.60	4.04	66
5.00 x 63.00	1.80 / 2 x 1.60	3.52	70

EGLA-MAX

Contrary to TON-CAP, increasing the open area is of primary importance in EGLA-MAX which has extreme aperture proportions of up 1:25. The wire diameter is only slightly bigger than for the corresponding square apertures so that both qualities have comparable weights and thus wear properties. To ensure a tight connection between warp and weft wires and to strengthen the stability of the wire cloth, EGLA-MAX has two weft wires woven in with each group of cross wires.

Thanks to the larger open area, throughput and capacity of the operation are increased.

The extremely long aperture significantly reduces the tendency to blinding and pegging. Furthermore, the EGLA-MAX surface is flat on one side, which ensures consistent wear over the entire screen section.

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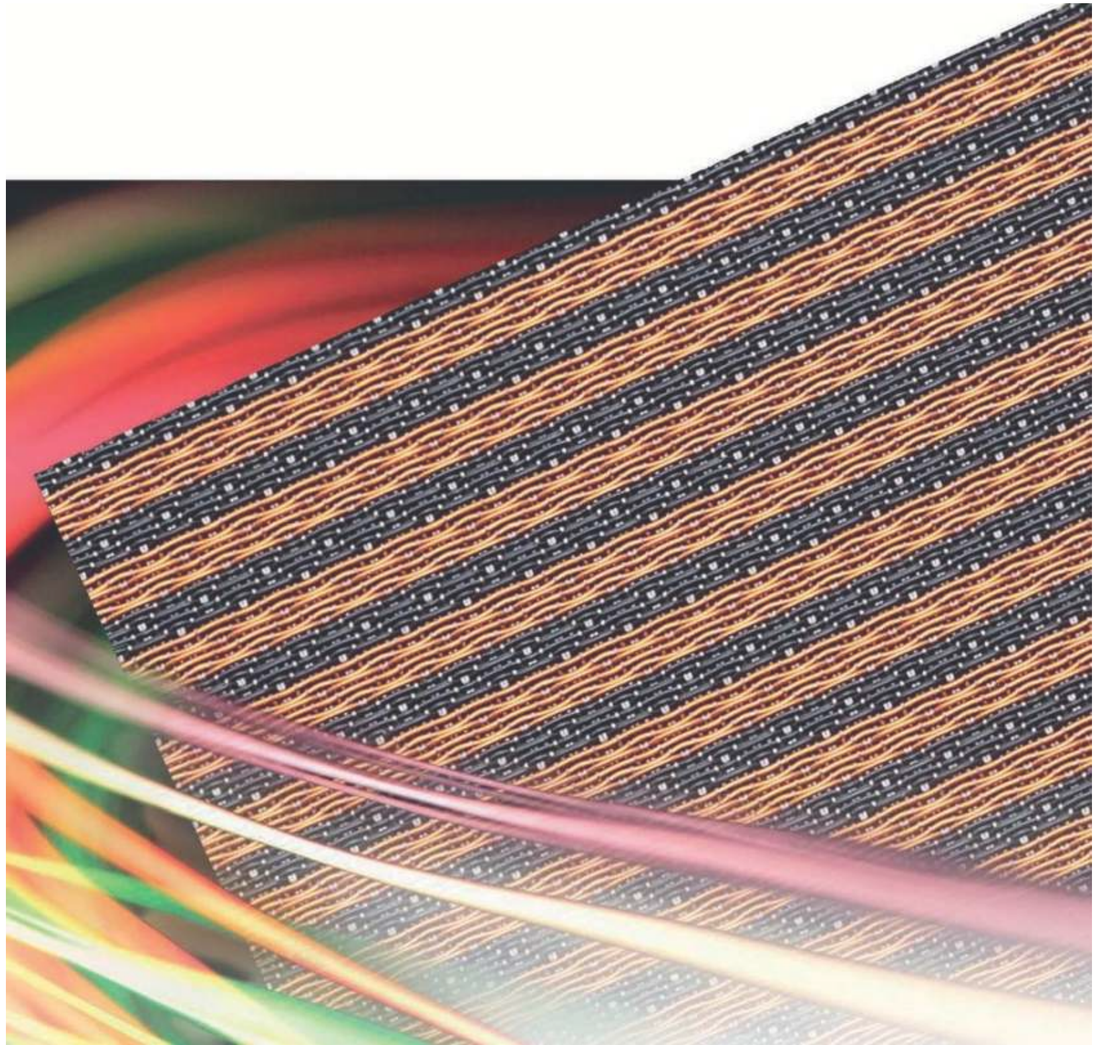
STRUCTURA 6714

DESIGN MESH - TECHNICAL DATA SHEET



The design mesh HAVER STRUCTURA is a versatile design material with exclusive standards. Depending on the type of weave and aperture shape - open and transparent or tightly closed - structures with different appearances and textures will arise. Further effects can be produced by using various combinations of materials.
The **STRUCTURA FLAIR** collection combines stainless steel with one or even several coloured PET monofilaments in innovative patterns. The possibilities are endless - as all RAL colours can be used.

Description:

Code-No.:	6714	
Article-No.:	208861991	
Collection:	STRUCTURA FLAIR	
Material [1]:	warp:	stainless steel 1.4404 (AISI 316L)
	weft:	PET black, RAL 9011
		copper lacquer
Weight [2]:	0.90 kg/m²	
Thickness [2]:	0.55 mm	

Dimensions:

Maximum width:	1.20 m
Maximum length:	by arrangement

Mechanical characteristics:

Yield strength:	warp: 55 N/cm | weft: 95 N/cm
Maximum load:	warp: 220 N/cm | weft: 350 N/cm
Elongation:	warp: 20 % | weft: 25 %

Basis:

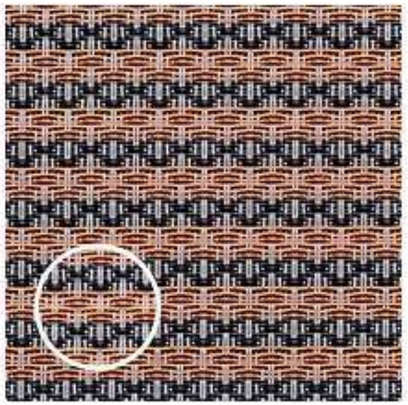
Standard:	DIN ISO 9044 / industrial woven wire cloth
Origin:	made in Germany

[1] Parts of the melt analysis do not correspond to EN 10088-3.
The given AISI-designations are general recommendations.
[2] Rounded values.

At a glance:

Front:

Back:



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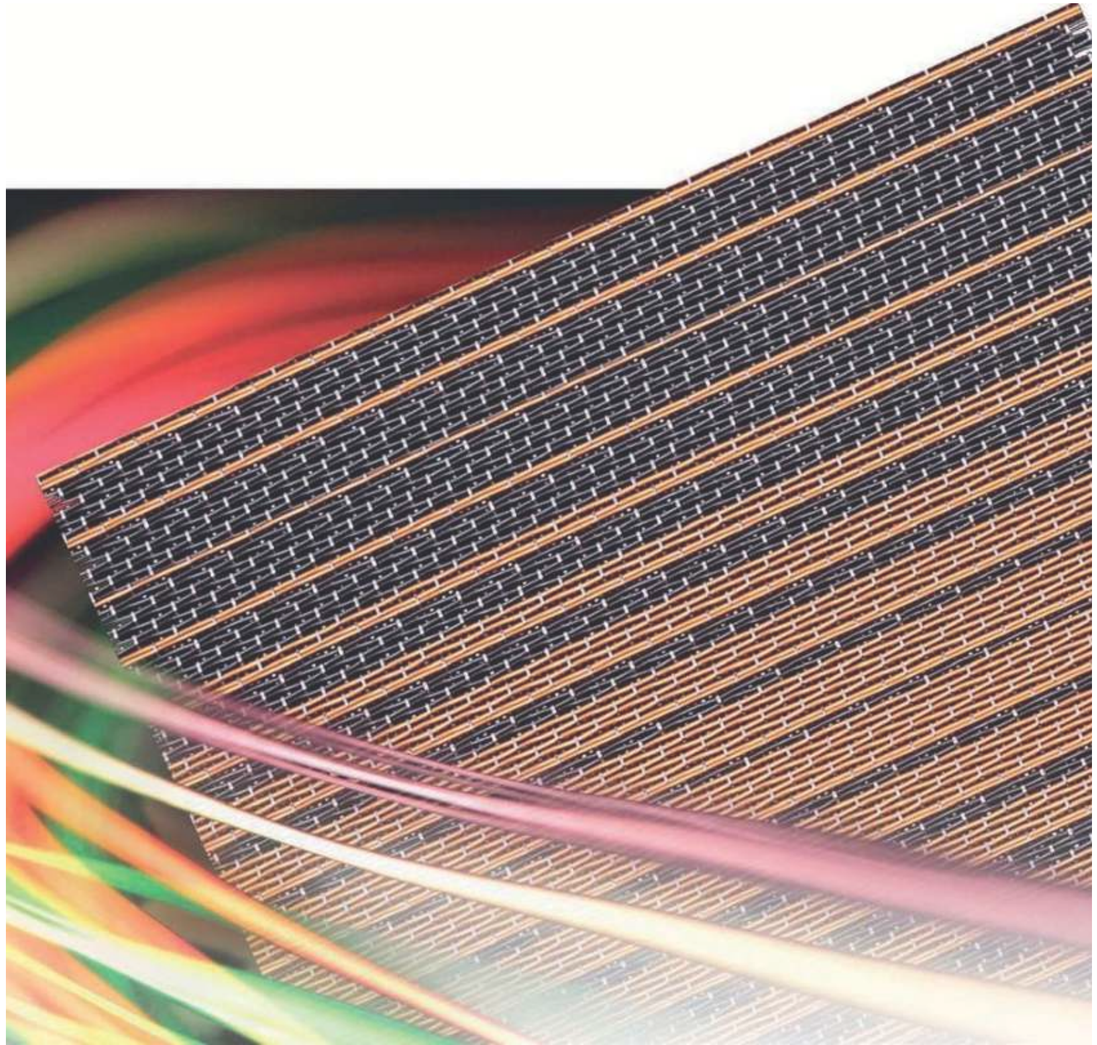
STRUCTURA 6712

DESIGN MESH - TECHNICAL DATA SHEET



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Description:

Code-No.:	6712
Article-No.:	208861809
Collection:	STRUCTURA FLAIR
Material [1]:	warp: stainless steel 1.4404 (AISI 316L)
	weft: PET black, RAL 9011
	copper lacquer
Weight [2]:	0.90 kg/m²
Thickness [2]:	0.50 mm

Dimensions:

Maximum width:	1.20 m
Maximum length:	by arrangement

Mechanical characteristics:

Yield strength:	warp: 90 N/cm | weft: 120 N/cm
Maximum load:	warp: 210 N/cm | weft: 360 N/cm
Elongation:	warp: 20 % | weft: 50 %

Basis:

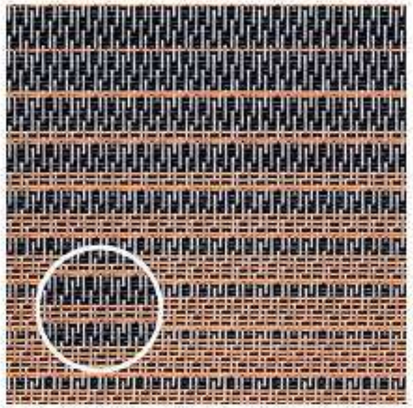
Standard:	DIN ISO 9044 / industrial woven wire cloth
Origin:	made in Germany

[1] Parts of the melt analysis do not correspond to EN 10088-3.
The given AISI-designations are general recommondations.
[2] Rounded values.

At a glance:

Front:

Back:



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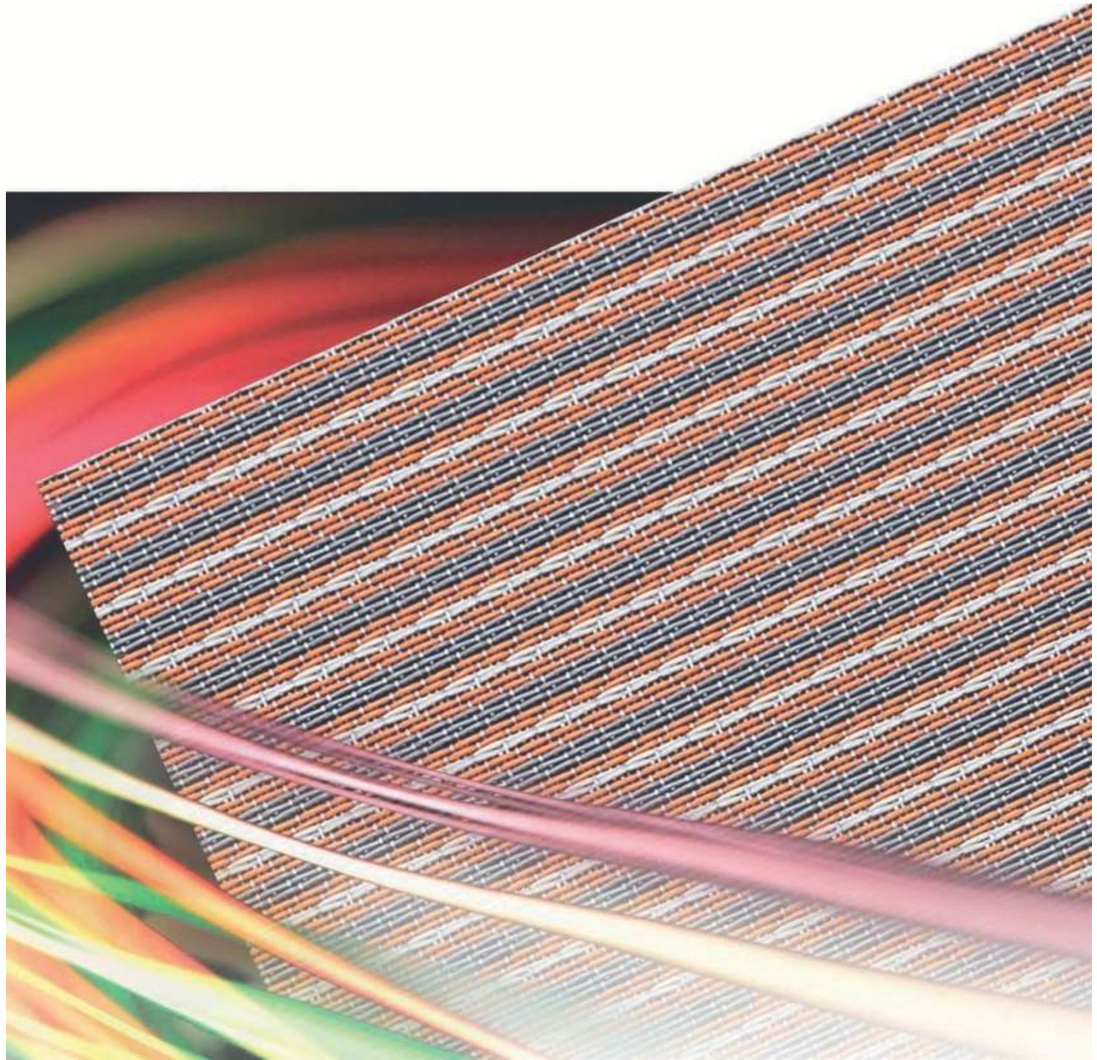
STRUCTURA 6711

DESIGN MESH - TECHNICAL DATA SHEET



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The **STRUCTURA FLAIR** collection combines stainless steel with one or even several coloured PET monofilaments in innovative patterns. The possibilities are endless - as all RAL colours can be used.

Description:

Code-No.:	6712
Article-No.:	208861809
Collection:	STRUCTURA FLAIR
Material [1]:	warp: stainless steel 1.4404 (AISI 316L)
	weft: PET black, RAL 9011
	copper lacquer
Weight [2]:	0.90 kg/m²
Thickness [2]:	0.50 mm

Dimensions:

Maximum width:	1.20 m
Maximum length:	by arrangement

Mechanical characteristics:

Yield strength:	warp: 90 N/cm | weft: 120 N/cm
Maximum load:	warp: 210 N/cm | weft: 360 N/cm
Elongation:	warp: 20 % | weft: 50 %

Basis:

Standard:	DIN ISO 9044 / industrial woven wire cloth
Origin:	made in Germany

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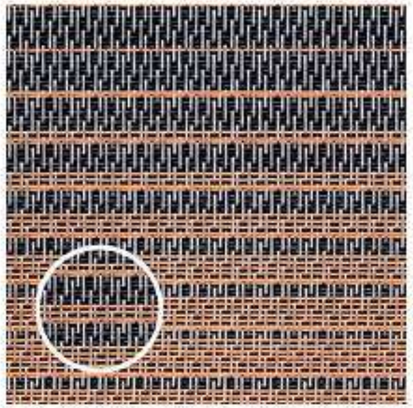
[2] Rounded values.

At a glance:

Front:

Back:



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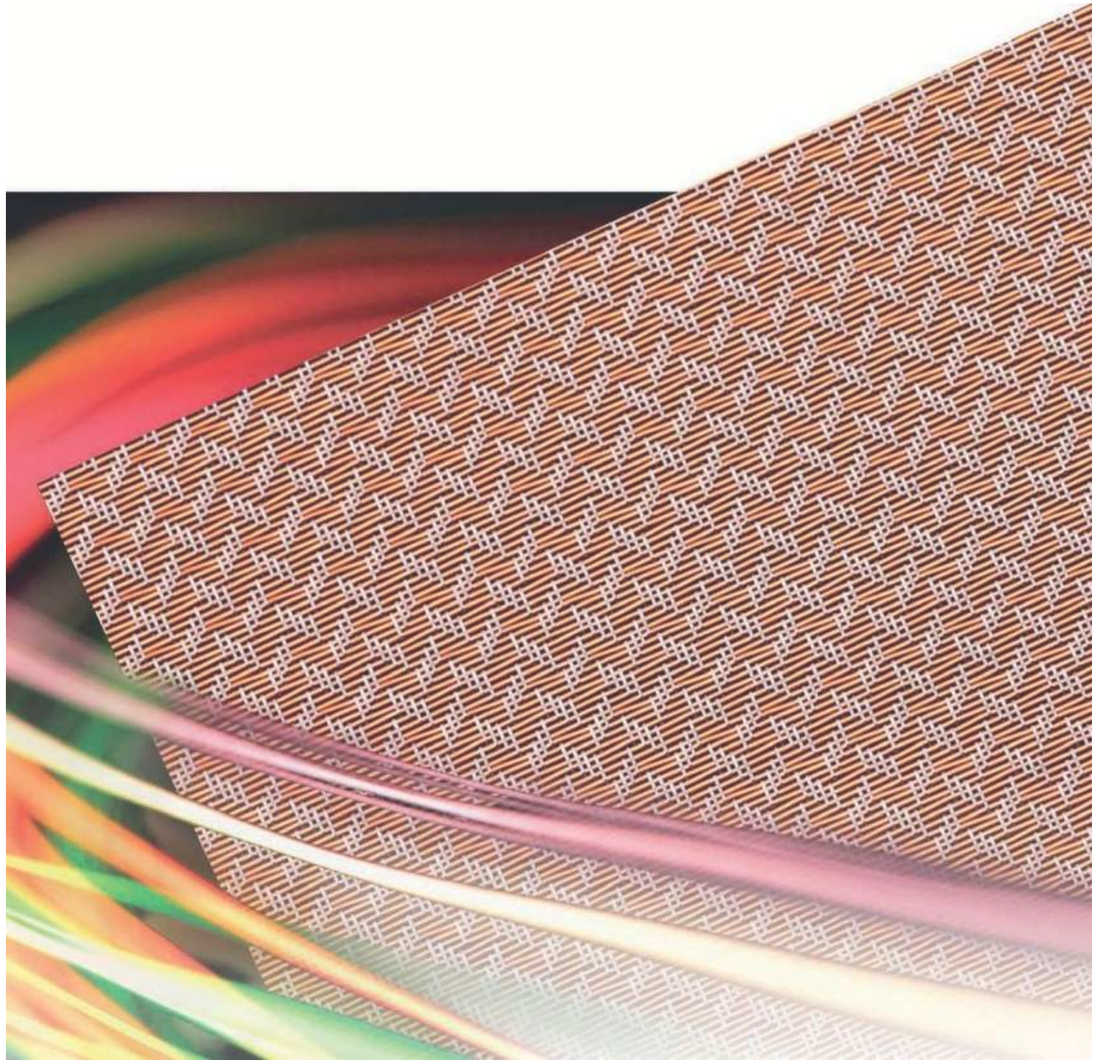
STRUCTURA 6713

DESIGN MESH - TECHNICAL DATA SHEET



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Description:

Code-No.:	6713
Article-No.:	208861847
Collection:	STRUCTURA FLAIR
Material [1]:	warp: stainless steel 1.4404 (AISI 316L)
	weft: copper lacquer
Weight [2]:	1.40 kg/m²
Thickness [2]:	0.50 mm

Dimensions:

Maximum width:	1.20 m
Maximum length:	by arrangement

Mechanical characteristics:

Yield strength:	warp: 70 N/cm | weft: 175 N/cm
Maximum load:	warp: 190 N/cm | weft: 350 N/cm
Elongation:	warp: 15 % | weft: 35 %

Basis:

Standard:	DIN ISO 9044 / industrial woven wire cloth
Origin:	made in Germany

[1] Parts of the melt analysis do not correspond to EN 10088-3.
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[2] Rounded values.

At a glance:

Front:

Back:

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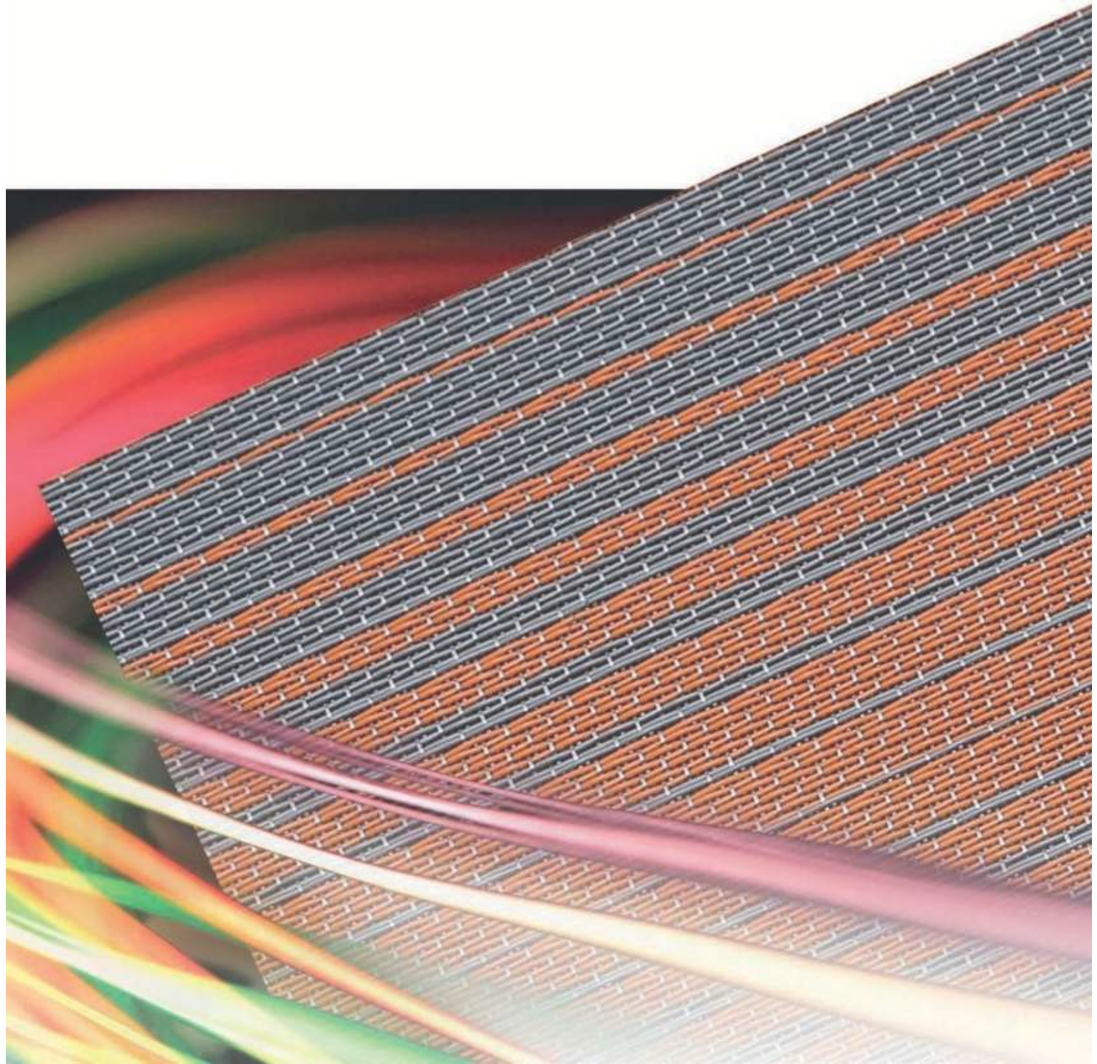
STRUCTURA 6709

DESIGN MESH - TECHNICAL DATA SHEET



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Description:

Code-No.:	6709
Article-No.:	208742481
Collection:	STRUCTURA FLAIR
Material [1]:	warp: stainless steel 1.4404 (AISI 316L)
	weft: PET orange, RAL 2008
	PET dark grey, RAL 7037
Weight [2]:	0.40 kg/m²
Thickness [2]:	0.45 mm

Dimensions:

Maximum width:	1.20 m
Maximum length:	by arrangement

Mechanical characteristics:

Yield strength:	warp: 95 N/cm | weft: 90 N/cm
Maximum load:	warp: 200 N/cm | weft: 560 N/cm
Elongation:	warp: 20 % | weft: 50 %

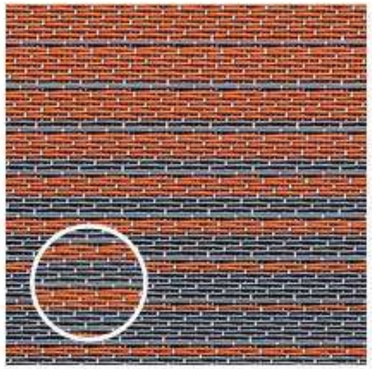
Basis:

Standard:	DIN ISO 9044 / industrial woven wire cloth
Origin:	made in Germany

[1] Parts of the melt analysis do not correspond to EN 10088-3.
The given AISI-designations are general recommondations.
[2] Rounded values.

At a glance:

Front:



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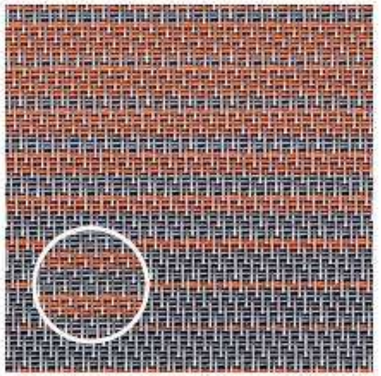

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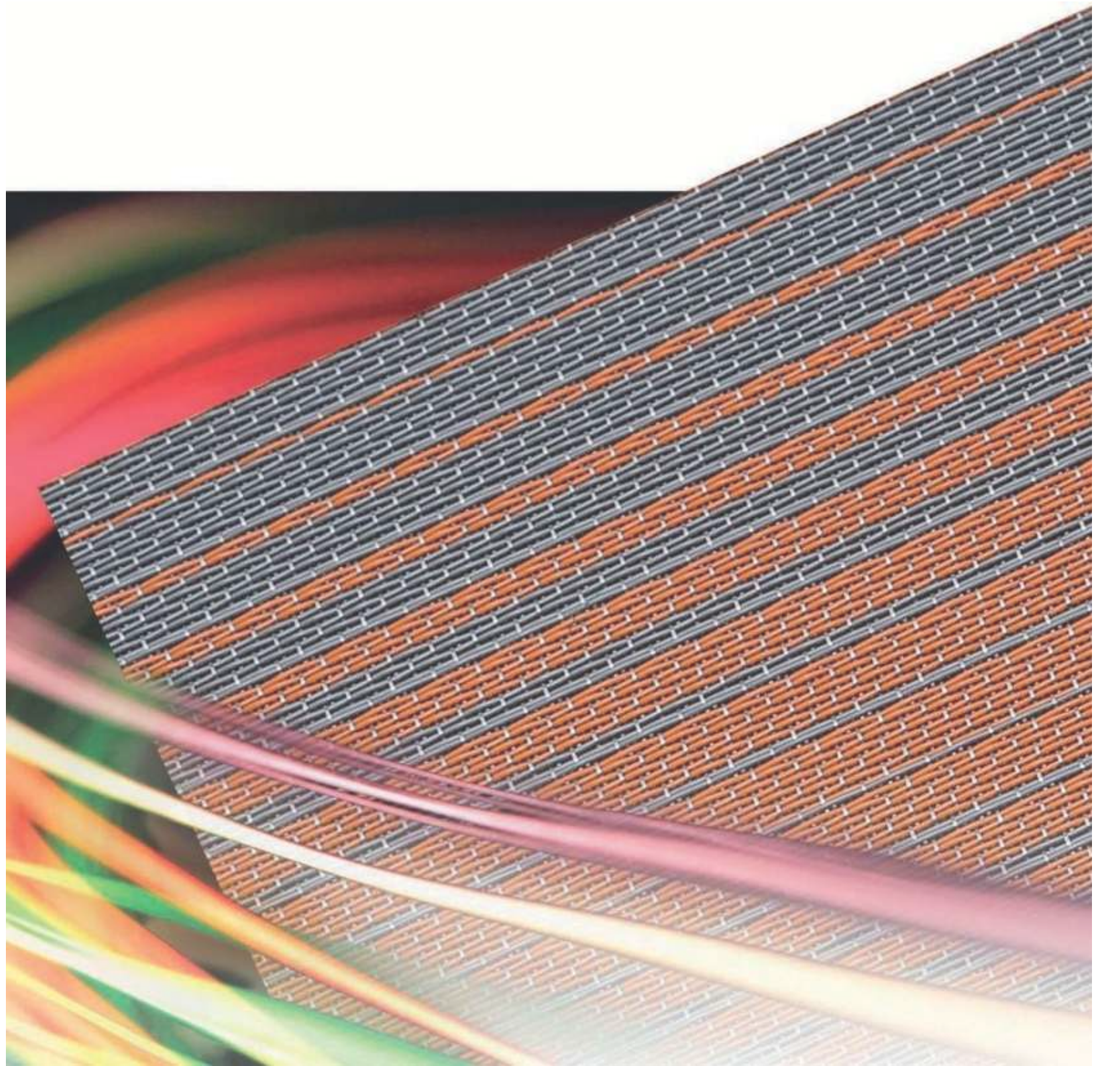
STRUCTURA 6708

DESIGN MESH - TECHNICAL DATA SHEET



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Description:

Code-No.:	6708
Article-No.:	208742283
Collection:	STRUCTURA FLAIR
Material [1]:	warp: stainless steel 1.4404 (AISI 316L)
	weft: PET white, RAL 1013
Weight [2]:	0.40 kg/m²
Thickness [2]:	0.55 mm

Dimensions:

Maximum width:	1.20 m
Maximum length:	by arrangement

Mechanical characteristics:

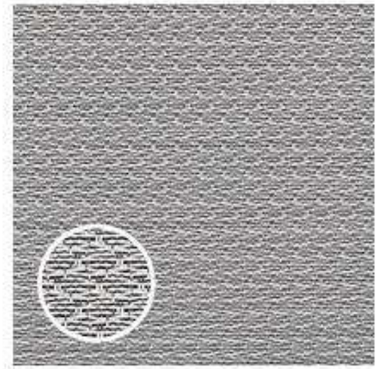
Yield strength:	warp: 65 N/cm | weft: 80 N/cm
Maximum load:	warp: 225 N/cm | weft: 535 N/cm
Elongation:	warp: 25 % | weft: 50 %

Basis:

Standard:	DIN ISO 9044 / industrial woven wire cloth
Origin:	made in Germany

At a glance:

Front:



Back:

[1] Parts of the melt analysis do not correspond to EN 10088-3.
The given AISI-designations are general recommendations.
[2] Rounded values.

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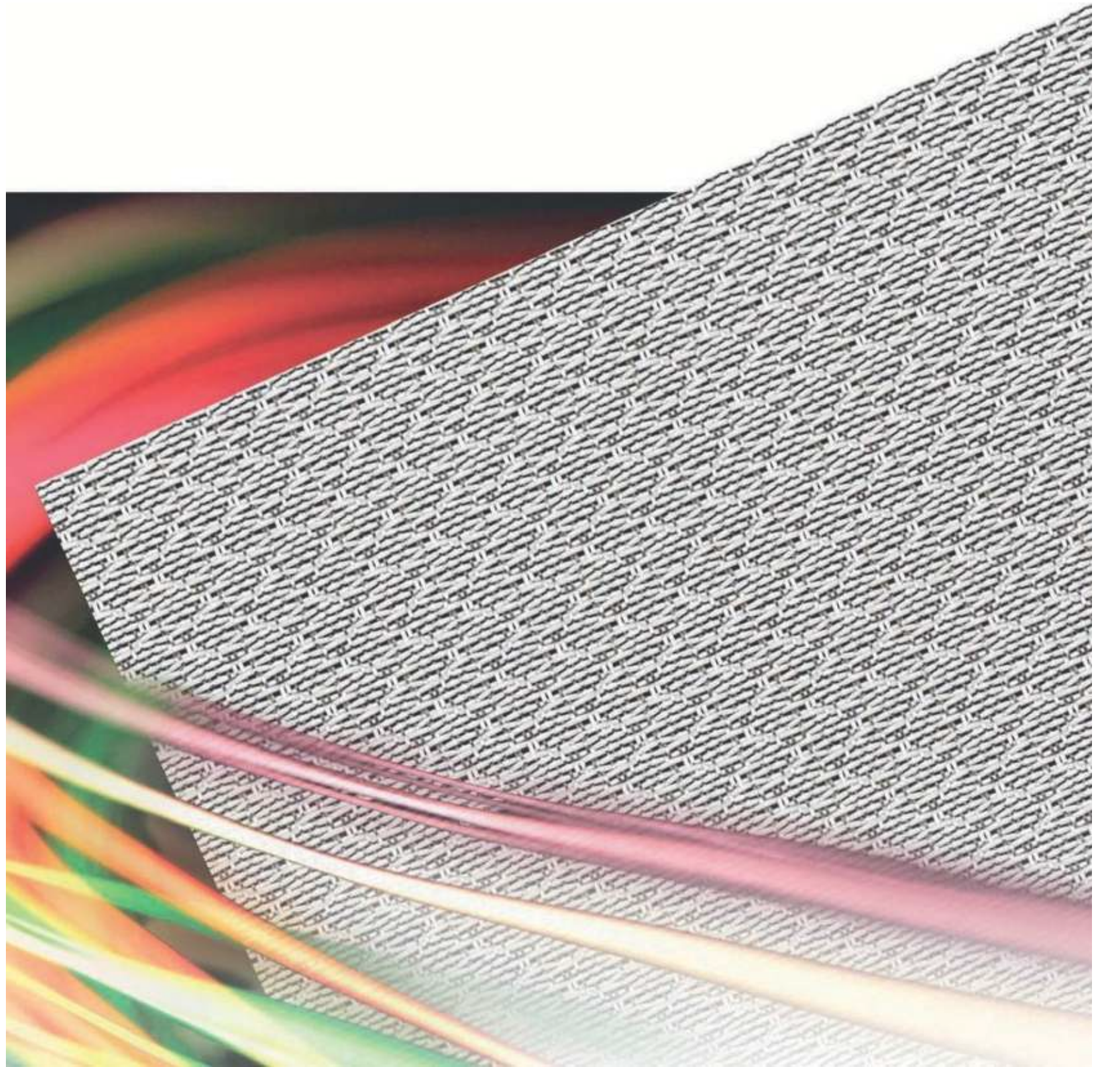
STRUCTURA 6710

DESIGN MESH - TECHNICAL DATA SHEET



The design mesh HAVER STRUCTURA is a versatile design material with exclusive standards. Depending on the type of weave and aperture shape - open and transparent or tightly closed - structures with different appearances and textures will arise. Further effects can be produced by using various combinations of materials.
The **STRUCTURA FLAIR** collection combines stainless steel with one or even several coloured PET monofilaments in innovative patterns. The possibilities are endless - as all RAL colours can be used.

Description:

Code-No.:	6710
Article-No.:	208742771
Collection:	STRUCTURA FLAIR
Material [1]:	warp: stainless steel 1.4404 (AISI 316L)
	weft: PET light grey, RAL 7001
	PET dark grey, RAL 7037
Weight [2]:	0.40 kg/m²
Thickness [2]:	0.45 mm

Dimensions:

Maximum width:	1.20 m
Maximum length:	by arrangement

Mechanical characteristics:

Yield strength:	warp: 85 N/cm | weft: 90 N/cm
Maximum load:	warp: 180 N/cm | weft: 520 N/cm
Elongation:	warp: 20 % | weft: 50 %

Basis:

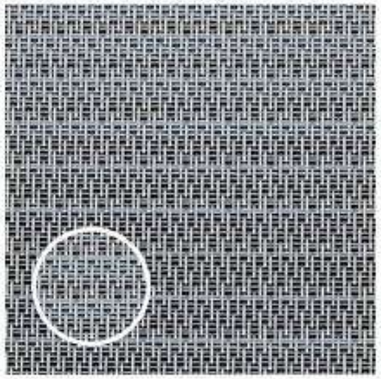
Standard:	DIN ISO 9044 / industrial woven wire cloth
Origin:	made in Germany

[1] Parts of the melt analysis do not correspond to EN 10088-3.
The given AISI-designations are general recommendations.
[2] Rounded values.

At a glance:

Front:

Back:



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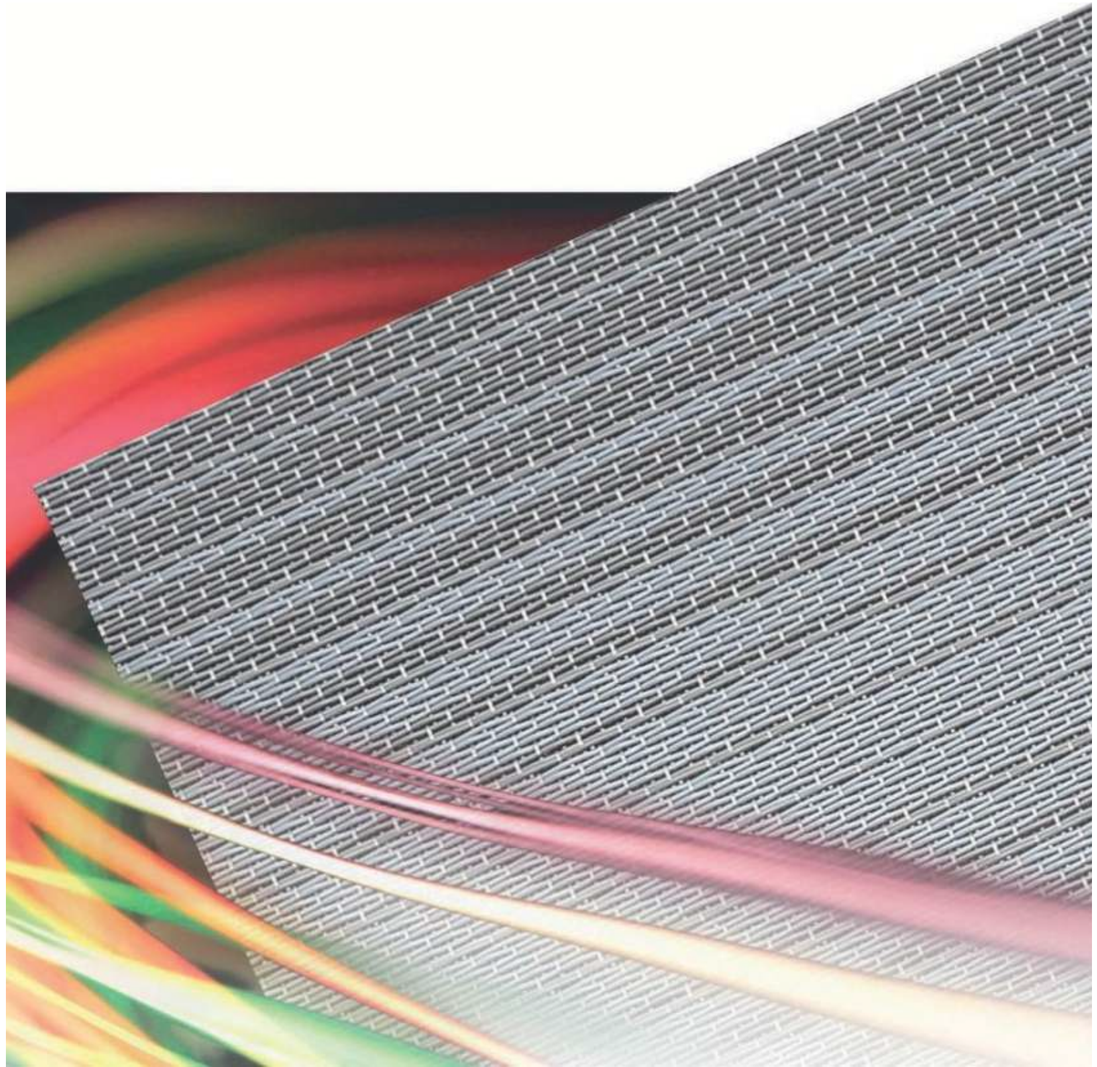
STRUCTURA 6705

DESIGN MESH - TECHNICAL DATA SHEET



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Description:

Code-No.:	6705
Article-No.:	208740371
Collection:	STRUCTURA FLAIR
Material [1]:	warp: stainless steel 1.4404 (AISI 316L)
	weft: PET white, RAL 1013
Weight [2]:	0.40 kg/m²
Thickness [2]:	0.45 mm

Dimensions:

Maximum width:	1.20 m
Maximum length:	by arrangement

Mechanical characteristics:

Yield strength:	warp: 55 N/cm | weft: 80 N/cm
Maximum load:	warp: 210 N/cm | weft: 510 N/cm
Elongation:	warp: 25 % | weft: 50 %

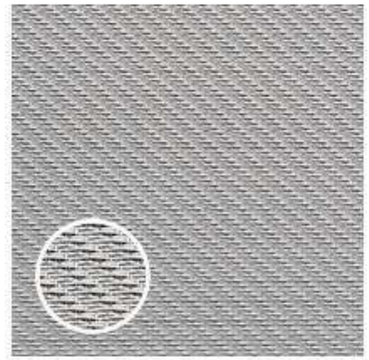
Basis:

Standard:	DIN ISO 9044 / industrial woven wire cloth
Origin:	made in Germany

[1] Parts of the melt analysis do not correspond to EN 10088-3.
The given AISI-designations are general recommondations.
[2] Rounded values.

At a glance:

Front:



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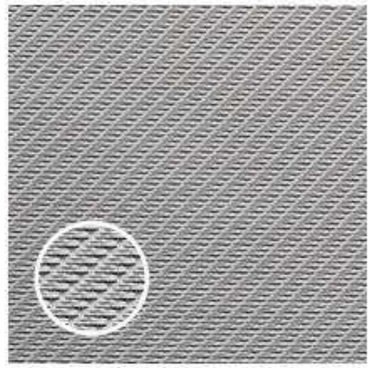

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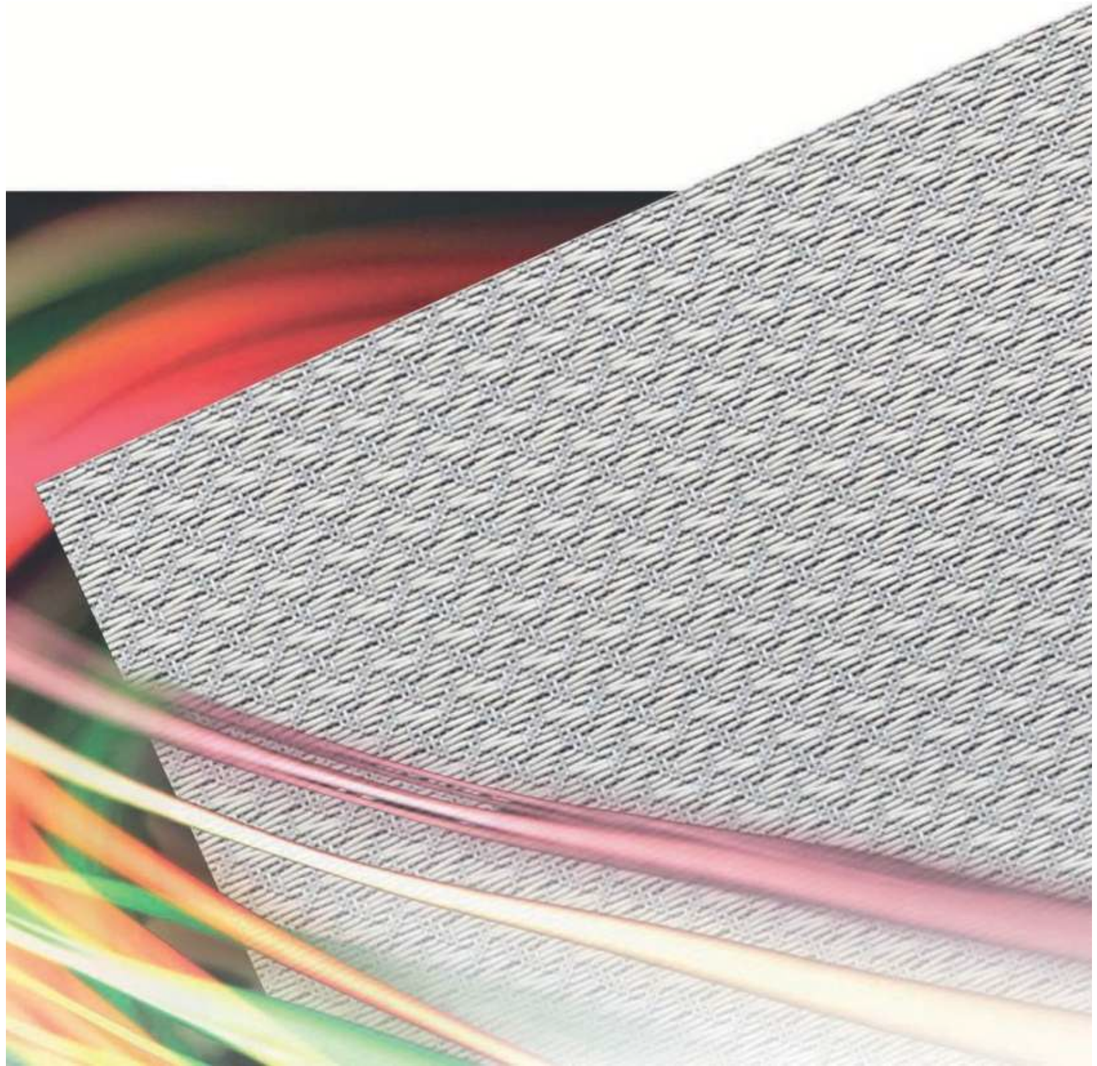
STRUCTURA 6704

DESIGN MESH - TECHNICAL DATA SHEET



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The **STRUCTURA FLAIR** collection combines stainless steel with one or even several coloured PET monofilaments in innovative patterns. The possibilities are endless - as all RAL colours can be used.

Description:

Code-No.:	6704
Article-No.:	208740302
Collection:	STRUCTURA FLAIR
Material [1]:	warp: stainless steel 1.4404 (AISI 316L)
	weft: PET white, RAL 1013
Weight [2]:	0.40 kg/m²
Thickness [2]:	0.45 mm

Dimensions:

Maximum width:	1.20 m
Maximum length:	by arrangement

Mechanical characteristics:

Yield strength:	warp: 100 N/cm | weft: 70 N/cm
Maximum load:	warp: 200 N/cm | weft: 490 N/cm
Elongation:	warp: 20 % | weft: 50 %

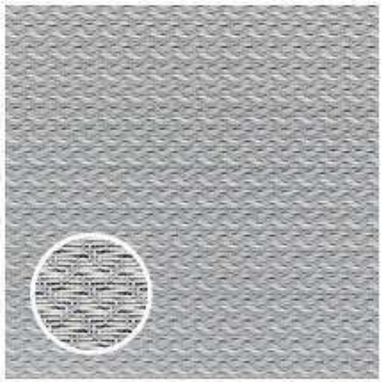
Basis:

Standard:	DIN ISO 9044 / industrial woven wire cloth
Origin:	made in Germany

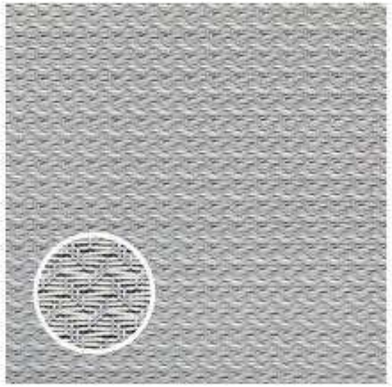
[1] Parts of the melt analysis do not correspond to EN 10088-3.
The given AISI-designations are general recommendations.
[2] Rounded values.

At a glance:

Front:



Back:



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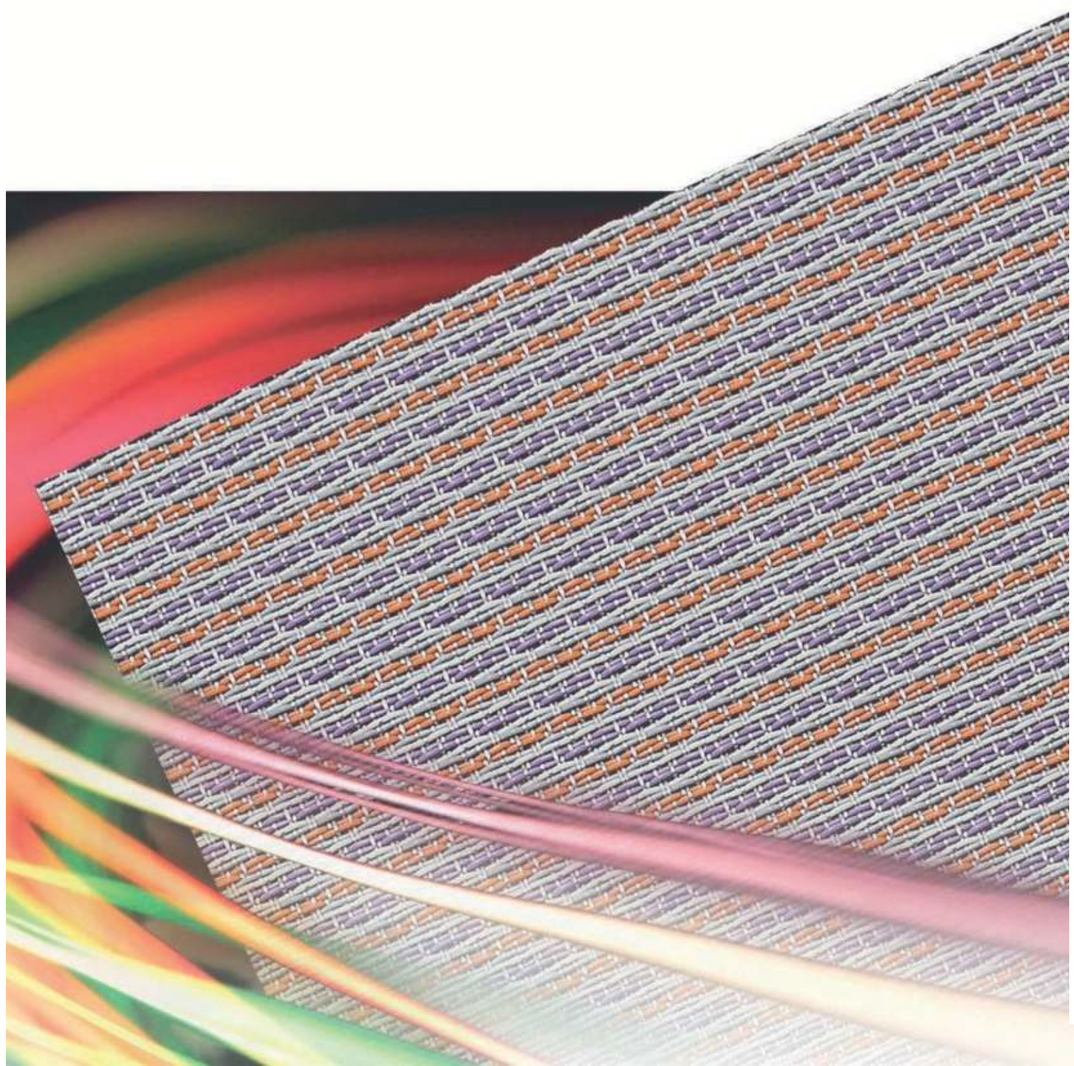
STRUCTURA 6706

DESIGN MESH - TECHNICAL DATA SHEET



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Description:

Code-No.:	6706	
Article-No.:	208741637	
Collection:	STRUCTURA FLAIR	
Material [1]:	warp:	stainless steel 1.4404 (AISI 316L)
	weft:	PET purple, RAL 4005
		PET orange, RAL 2008
		PET white, RAL 1013
		PET light grey, RAL 7001
Weight [2]:	0.40 kg/m²	
Thickness [2]:	0.45 mm	

Dimensions:

Maximum width:	1.20 m
Maximum length:	by arrangement

Mechanical characteristics:

Yield strength:	warp: 65 N/cm | weft: 75 N/cm
Maximum load:	warp: 205 N/cm | weft: 540 N/cm
Elongation:	warp: 20 % | weft: 45 %

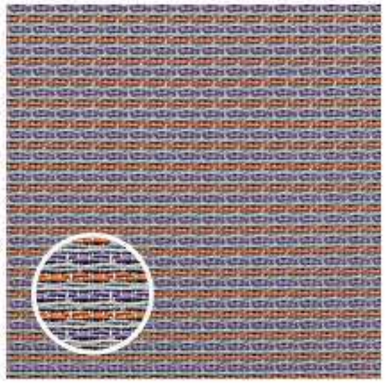
Basis:

Standard:	DIN ISO 9044 / industrial woven wire cloth
Origin:	made in Germany

[1] Parts of the melt analysis do not correspond to EN 10088-3.
The given AISI-designations are general recommondations.
[2] Rounded values.

At a glance:

Front:



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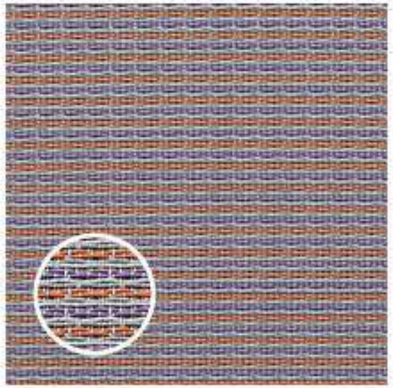

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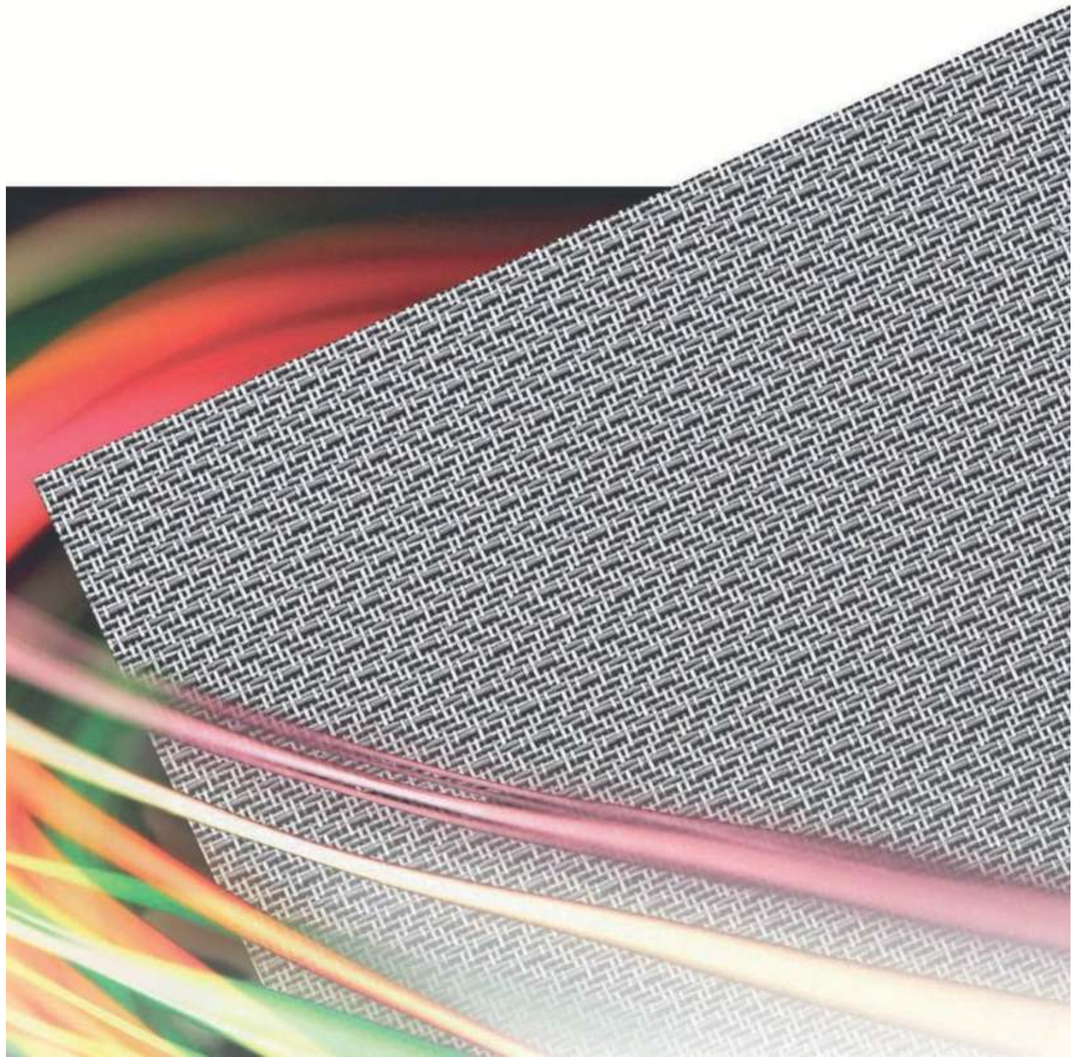
STRUCTURA 6702

DESIGN MESH - TECHNICAL DATA SHEET



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The **STRUCTURA FLAIR** collection combines stainless steel with one or even several coloured PET monofilaments in innovative patterns. The possibilities are endless - as all RAL colours can be used.

Description:

Code-No.:	6702
Article-No.:	208737852
Collection:	STRUCTURA FLAIR
Material [1]:	warp: stainless steel 1.4404 (AISI 316L)
	weft: PET dark grey, RAL 7037
Weight [2]:	0.40 kg/m²
Thickness [2]:	0.50 mm

Dimensions:

Maximum width:	1.20 m
Maximum length:	by arrangement

Mechanical characteristics:

Yield strength:	warp: 70 N/cm | weft: 80 N/cm
Maximum load:	warp: 165 N/cm | weft: 600 N/cm
Elongation:	warp: 15 % | weft: 45 %

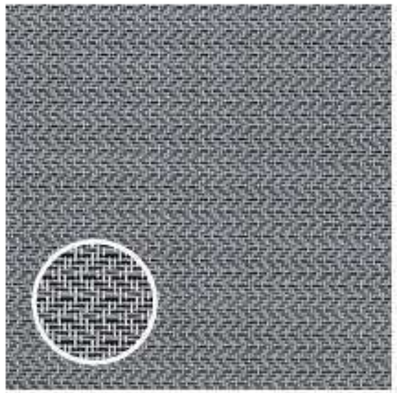
Basis:

Standard:	DIN ISO 9044 / industrial woven wire cloth
Origin:	made in Germany

[1] Parts of the melt analysis do not correspond to EN 10088-3.
The given AISI-designations are general recommondations.
[2] Rounded values.

At a glance:

Front:



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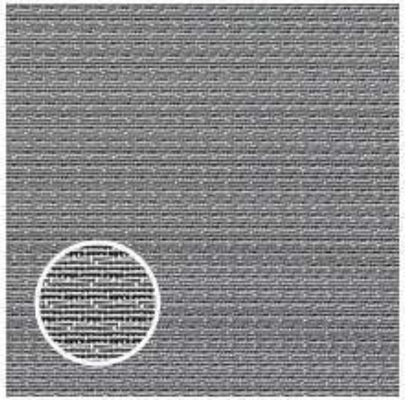

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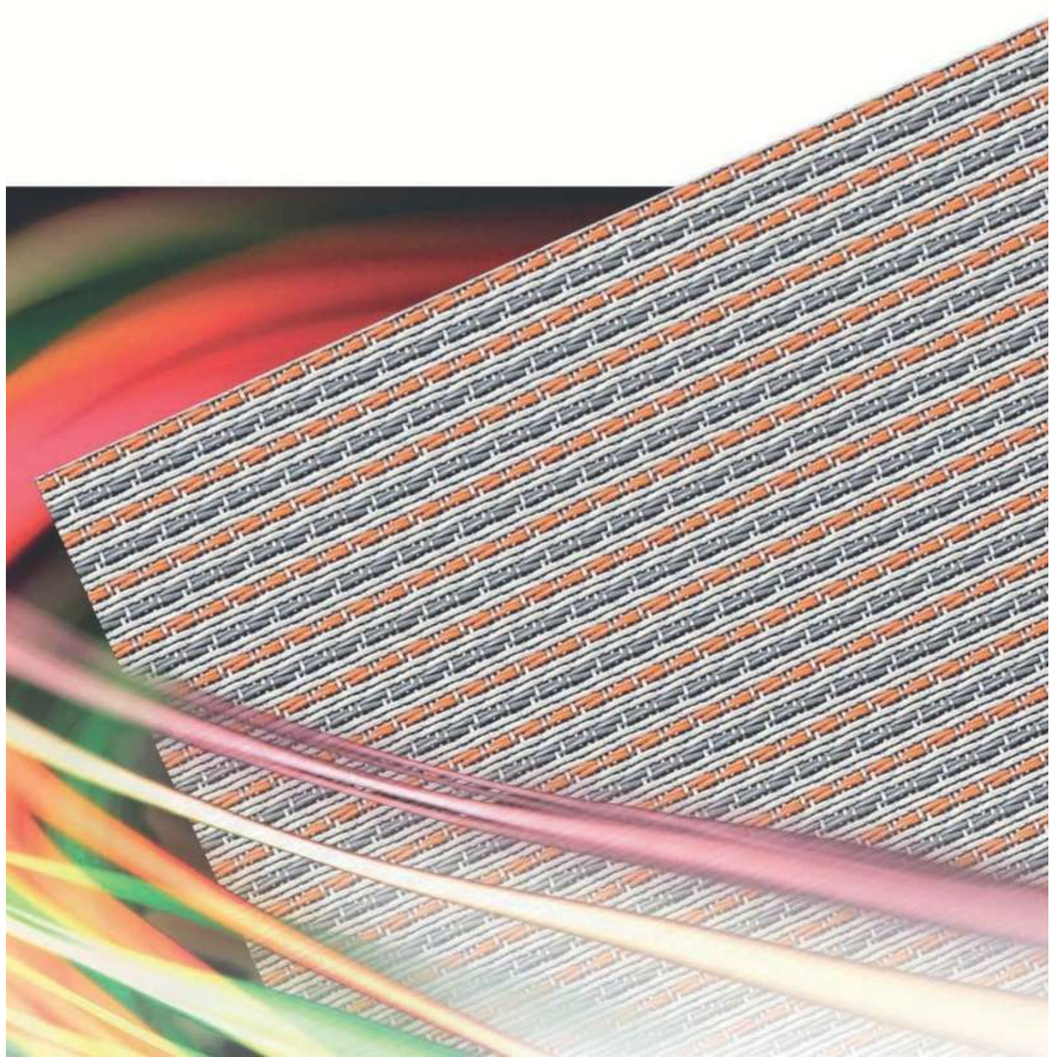
STRUCTURA 6701

DESIGN MESH - TECHNICAL DATA SHEET



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Description:

Code-No.:	6701	
Article-No.:	208737623	
Collection:	STRUCTURA FLAIR	
Material [1]:	warp:	stainless steel 1.4404 (AISI 316L)
	weft:	PET white, RAL 1013
		PET dark grey, RAL 7037
		PET orange, RAL 2008
Weight [2]:	0.40 kg/m²	
Thickness [2]:	0.50 mm	

Dimensions:

Maximum width:	1.20 m
Maximum length:	by arrangement

Mechanical characteristics:

Yield strength:	warp: 80 N/cm | weft: 85 N/cm
Maximum load:	warp: 220 N/cm | weft: 525 N/cm
Elongation:	warp: 20 % | weft: 45 %

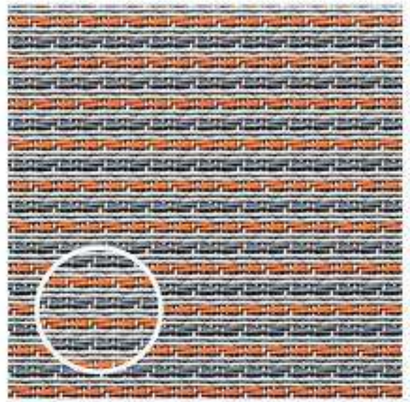
Basis:

Standard:	DIN ISO 9044 / industrial woven wire cloth
Origin:	made in Germany

[1] Parts of the melt analysis do not correspond to EN 10088-3.
The given AISI-designations are general recommendations.
[2] Rounded values.

At a glance:

Front:



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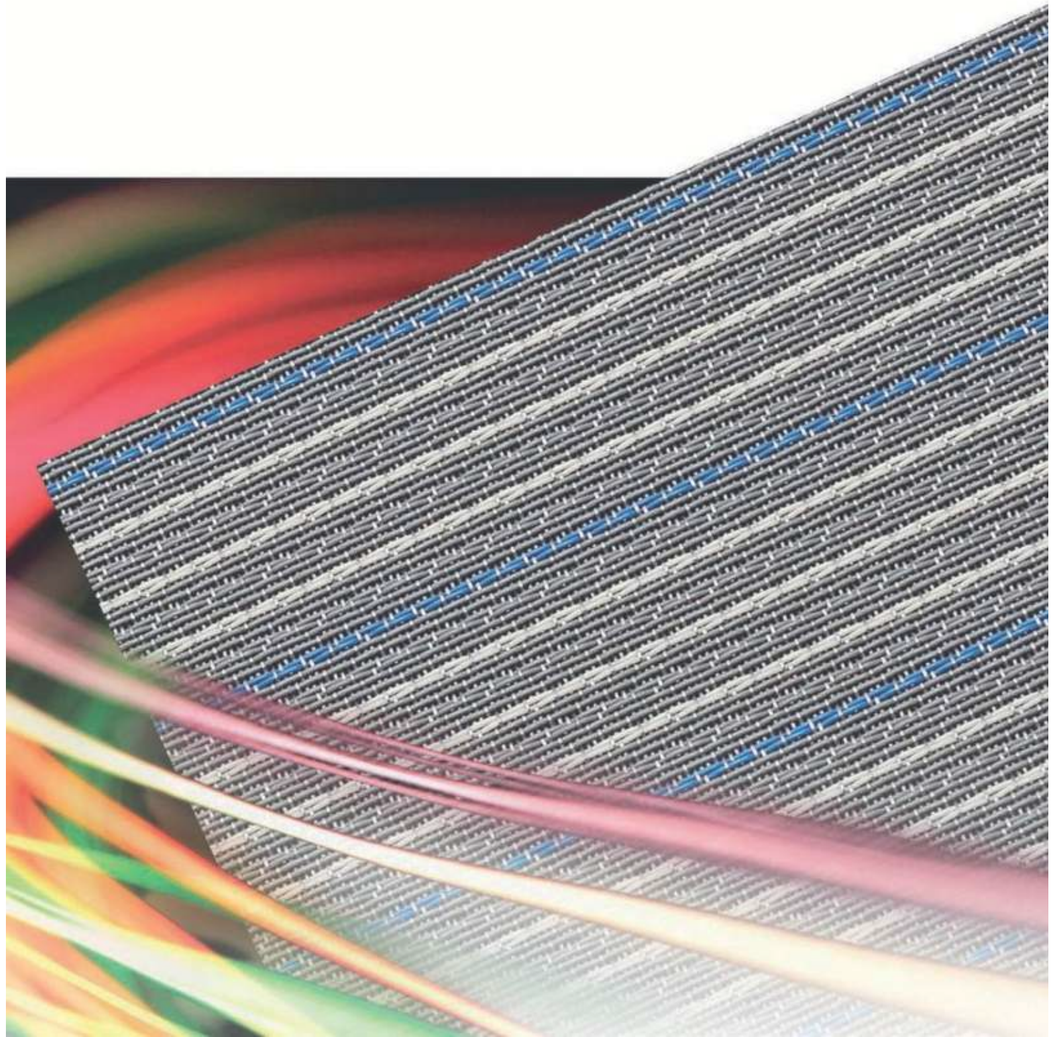
STRUCTURA 6703

DESIGN MESH - TECHNICAL DATA SHEET



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Description:

Code-No.:	6703	
Article-No.:	208740227	
Collection:	STRUCTURA FLAIR	
Material [1]:	warp:	stainless steel 1.4404 (AISI 316L)
	weft:	PET dark grey, RAL 7037
		PET blue, RAL 5010
		PET white, RAL 1013
Weight [2]:	0.40 kg/m²	
Thickness [2]:	0.50 mm	

Dimensions:

Maximum width:	1.20 m
Maximum length:	by arrangement

Mechanical characteristics:

Yield strength:	warp: 80 N/cm | weft: 80 N/cm
Maximum load:	warp: 210 N/cm | weft: 555 N/cm
Elongation:	warp: 20 % | weft: 45 %

Basis:

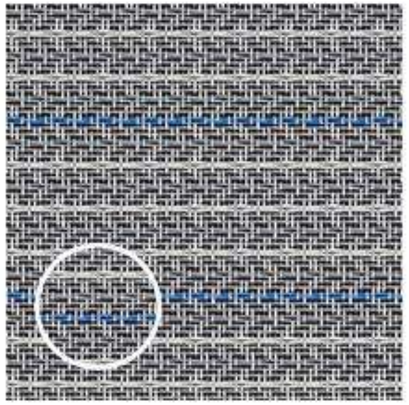
Standard:	DIN ISO 9044 / industrial woven wire cloth
Origin:	made in Germany

[1] Parts of the melt analysis do not correspond to EN 10088-3.
The given AISI-designations are general recommendations.
[2] Rounded values.

At a glance:

Front:

Back:



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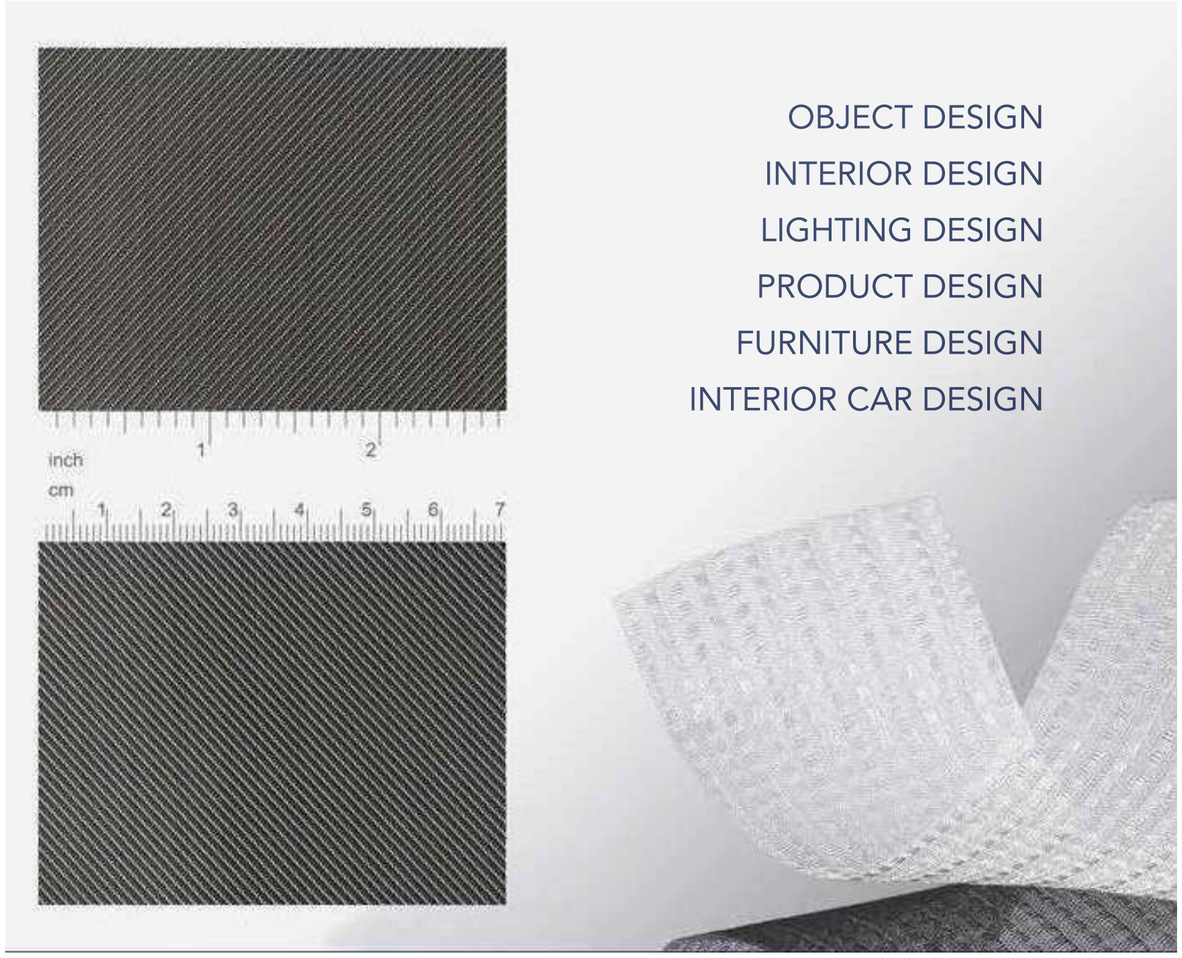
STRUCTURA 6672

TECHNICAL DATA SHEET

The design mesh HAVER Structura is a versatile design material with exclusive standards. A wide range of woven fabric specifications allows a variety of creative design and layout concepts. Depending on the type of weave and aperture shape - open and transparent or tightly closed - structures with different appearances and textures will arise. Further effects can be produced by using various combinations of materials.



OBJECT DESIGN
INTERIOR DESIGN
LIGHTING DESIGN
PRODUCT DESIGN
FURNITURE DESIGN
INTERIOR CAR DESIGN

Description:

Code-No.:	6672
Article-No.:	00103036
Material [1]:	warp: stainless steel 1.4401 (AISI 316) / 1.4404 (AISI 316 L) weft: PET black
Weight [2]:	0.45 kg/m²
Thickness [2]:	0.40 mm
Porosity:	79 %

Dimensions:

Maximum width:	1.20 m
Maximum length:	by arrangement

Mechanical characteristics:

Yield strength:	warp: 71 N/cm weft: 124 N/cm
Maximum load:	warp: 226 N/cm weft: 779 N/cm
Elongation:	warp: 31 % weft: 22 %

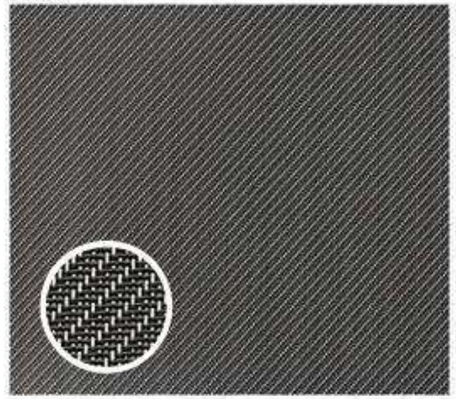
Basis:

Standard:	DIN ISO 9044 / industrial woven wire cloth
Origin:	made in Germany

[1] Parts of the melt analysis do not correspond to EN 10088-3. The given AISI-designations are general recommendations.
[2] Rounded values.

At a glance:

Front:



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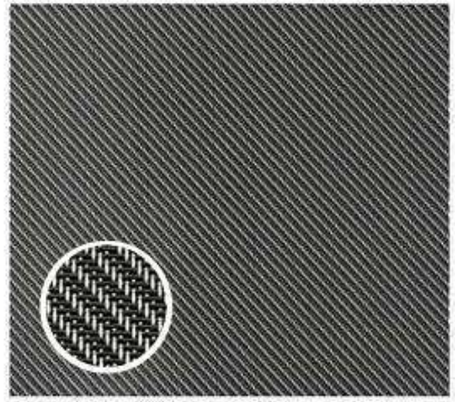

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STRUCTURA 6661

TECHNICAL DATA SHEET

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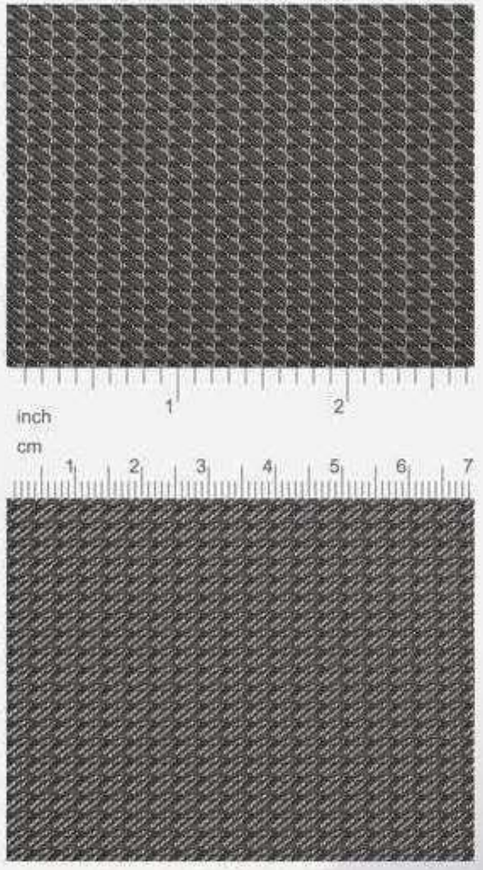


OBJECT DESIGN
INTERIOR DESIGN
LIGHTING DESIGN
PRODUCT DESIGN
FURNITURE DESIGN
INTERIOR CAR DESIGN

Description:

Code-No.:	6661
Article-No.:	00102821
Material [1]:	warp: stainless steel 1.4401 (AISI 316) / 1.4404 (AISI 316 L) weft: PET black
Weight [2]:	0.50 kg/m²
Thickness [2]:	0.55 mm
Porosity:	84 %

Dimensions:

Maximum width:	1.20 m
Maximum length:	by arrangement

Mechanical characteristics:

Yield strength:	warp: 46 N/cm weft: 144 N/cm
Maximum load:	warp: 199 N/cm weft: 1062 N/cm
Elongation:	warp: 25 % weft: 26 %

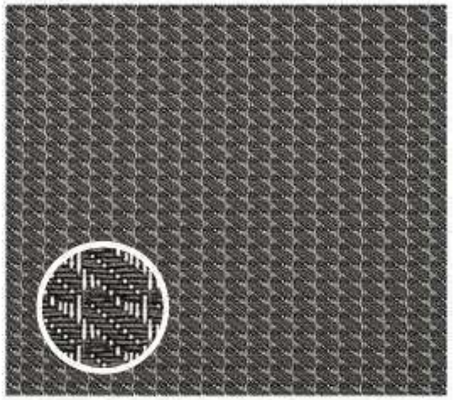
Basis:

Standard:	DIN ISO 9044 / industrial woven wire cloth
Origin:	made in Germany

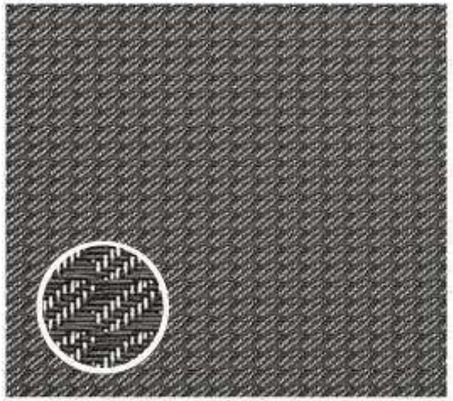
[1] Parts of the melt analysis do not correspond to EN 10088-3.
The given AISI-designations are general recommendations.
[2] Rounded values.

At a glance:

Front:



Back:



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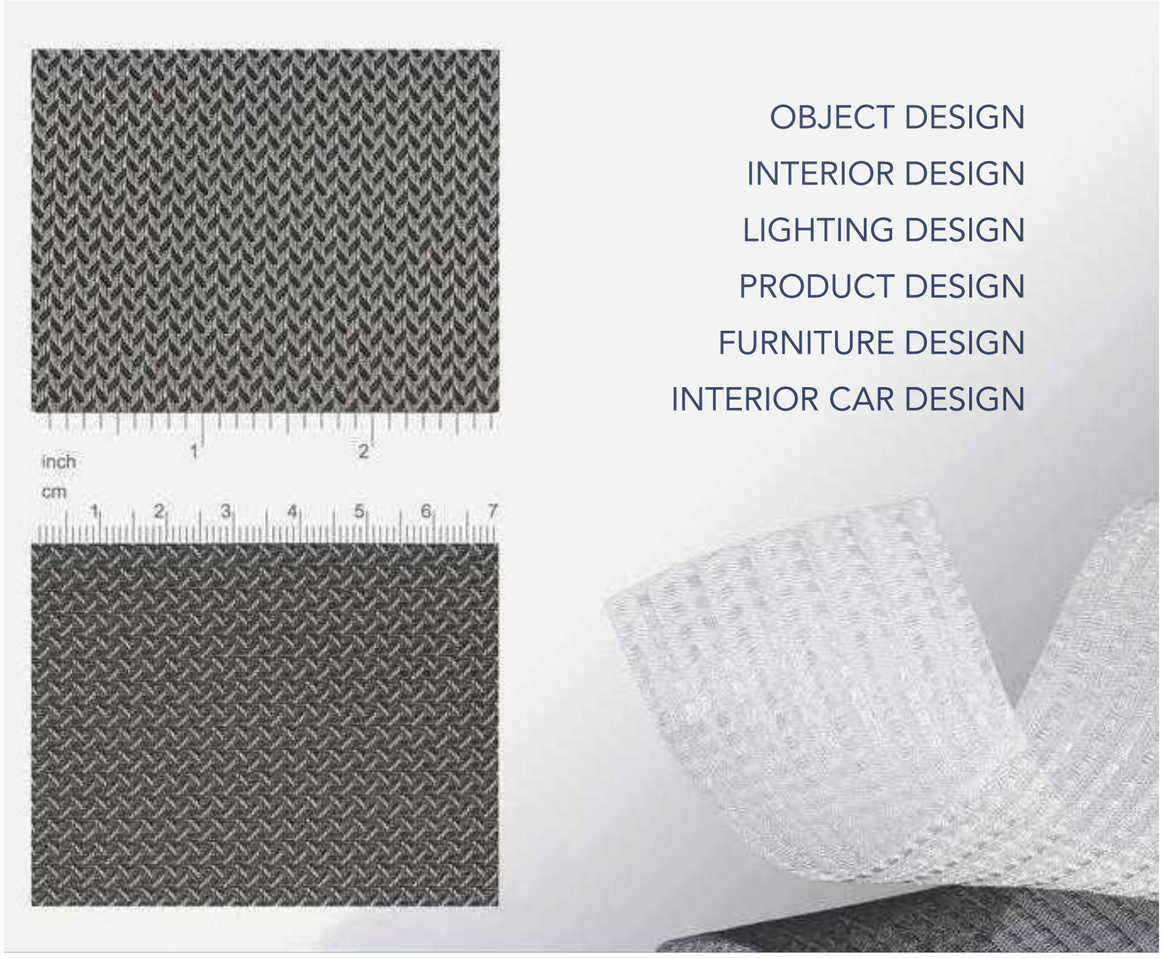
STRUCTURA 6660

TECHNICAL DATA SHEET

The design mesh HAVER Structura is a versatile design material with exclusive standards. A wide range of woven fabric specifications allows a variety of creative design and layout concepts. Depending on the type of weave and aperture shape - open and transparent or tightly closed - structures with different appearances and textures will arise. Further effects can be produced by using various combinations of materials.



OBJECT DESIGN
INTERIOR DESIGN
LIGHTING DESIGN
PRODUCT DESIGN
FURNITURE DESIGN
INTERIOR CAR DESIGN

Description:

Code-No.:	6660
Article-No.:	(1) 00102813 / (2) 00103686 / (3) 00103687
Material [1]:	warp: stainless steel 1.4401 (AISI 316) / 1.4404 (AISI 316 L) weft: PET (1) black / (2) brown / (3) green
Weight [2]:	0.40 kg/m²
Thickness [2]:	0.50 mm
Porosity:	82 %

Dimensions:

Maximum width:	1.20 m
Maximum length:	by arrangement

Mechanical characteristics:

Yield strength:	warp: 119 N/cm weft: 117 N/cm
Maximum load:	warp: 197 N/cm weft: 791 N/cm
Elongation:	warp: 28 % weft: 26 %

Basis:

Standard:	DIN ISO 9044 / industrial woven wire cloth
Origin:	made in Germany

[1] Parts of the melt analysis do not correspond to EN 10088-3.
The given AISI-designations are general recommendations.
[2] Rounded values.

At a glance:

Front:

Back:

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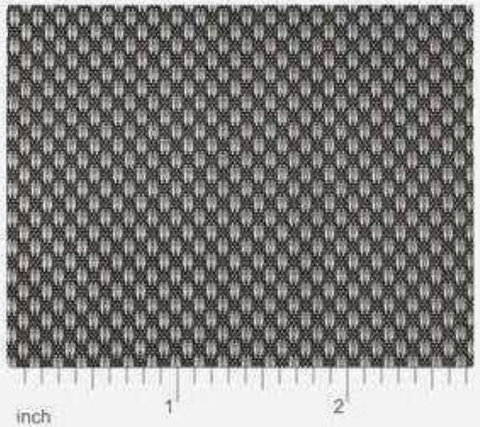
STRUCTURA 6658

TECHNICAL DATA SHEET

The design mesh HAVER Structura is a versatile design material with exclusive standards. A wide range of woven fabric specifications allows a variety of creative design and layout concepts. Depending on the type of weave and aperture shape - open and transparent or tightly closed - structures with different appearances and textures will arise. Further effects can be produced by using various combinations of materials.



OBJECT DESIGN
INTERIOR DESIGN
LIGHTING DESIGN
PRODUCT DESIGN
FURNITURE DESIGN
INTERIOR CAR DESIGN

Description:

Code-No.:	6658
Article-No.:	00102806
Material [1]:	warp: stainless steel
	1.4401 (AISI 316) / 1.4404 (AISI 316 L)
	weft: PET black
Weight [2]:	0.40 kg/m²
Thickness [2]:	0.50 mm
Porosity:	85 %

Dimensions:

Maximum width:	1.20 m
Maximum length:	by arrangement

Mechanical characteristics:

Yield strength:	warp: 63 N/cm
	weft: 101 N/cm
Maximum load:	warp: 191 N/cm
	weft: 685 N/cm
Elongation:	warp: 28 %
	weft: 25 %

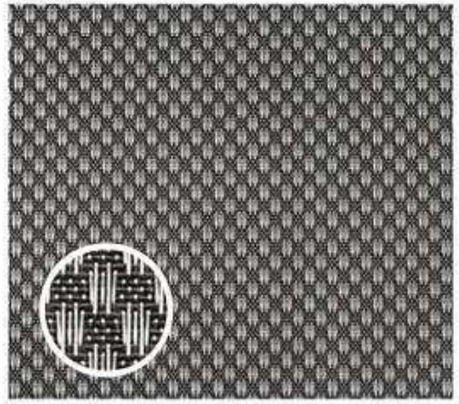
Basis:

Standard:	DIN ISO 9044 / industrial woven wire cloth
Origin:	made in Germany

[1] Parts of the melt analysis do not correspond to EN 10088-3.
The given AISI-designations are general recommendations.
[2] Rounded values.

At a glance:

Front:



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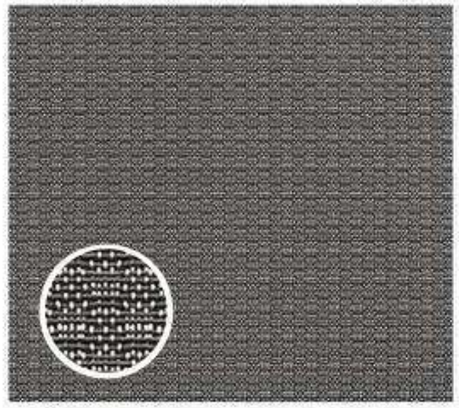

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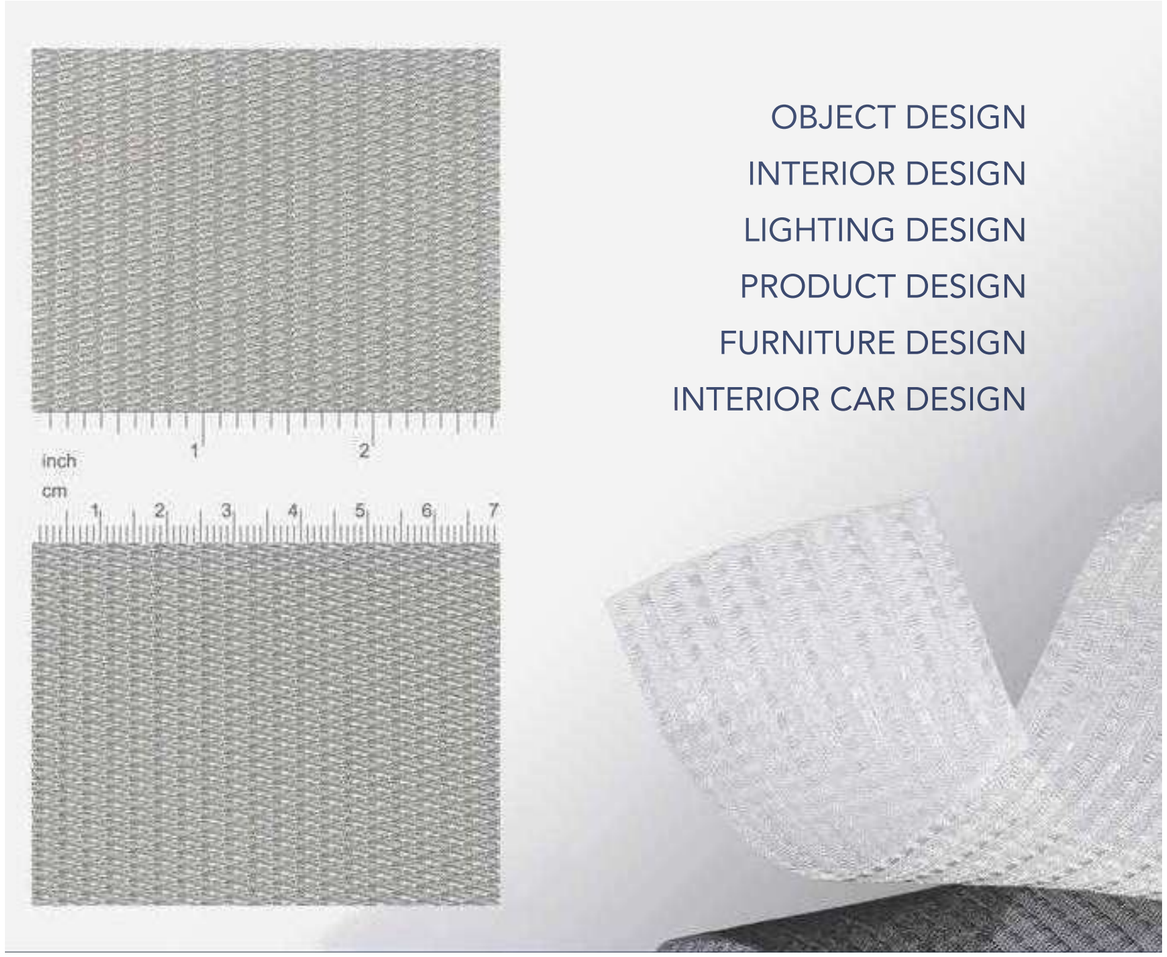
STRUCTURA 6657

TECHNICAL DATA SHEET

The design mesh HAVER Structura is a versatile design material with exclusive standards. A wide range of woven fabric specifications allows a variety of creative design and layout concepts. Depending on the type of weave and aperture shape - open and transparent or tightly closed - structures with different appearances and textures will arise. Further effects can be produced by using various combinations of materials.



OBJECT DESIGN
INTERIOR DESIGN
LIGHTING DESIGN
PRODUCT DESIGN
FURNITURE DESIGN
INTERIOR CAR DESIGN

Description:

Code-No.:	6657
Article-No.:	00101713
Material [1]:	warp and weft: stainless steel 1.4401 (AISI 316) / 1.4404 (AISI 316 L)
Weight [2]:	0.90 kg/m²
Thickness [2]:	0.40 mm
Porosity:	73 %

Dimensions:

Maximum width:	1.35 m
Maximum length:	by arrangement

Mechanical characteristics:

Yield strength:	warp: 267 N/cm
	weft: 70 N/cm
Maximum load:	warp: 619 N/cm
	weft: 199 N/cm
Elongation:	warp: 29 %
	weft: 18 %

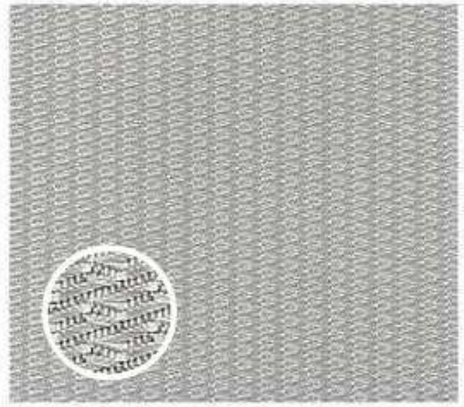
Basis:

Standard:	DIN ISO 9044 / industrial woven wire cloth
Origin:	made in Germany

[1] Parts of the melt analysis do not correspond to EN 10088-3. The given AISI-designations are general recommendations.
[2] Rounded values.

At a glance:

Front:



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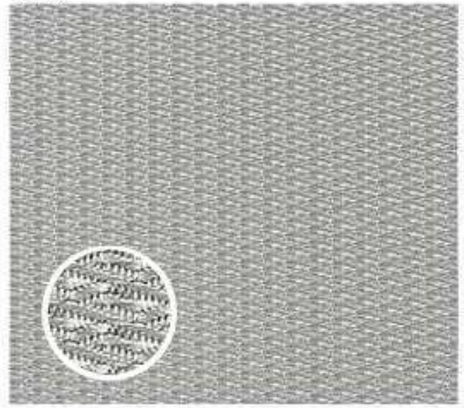

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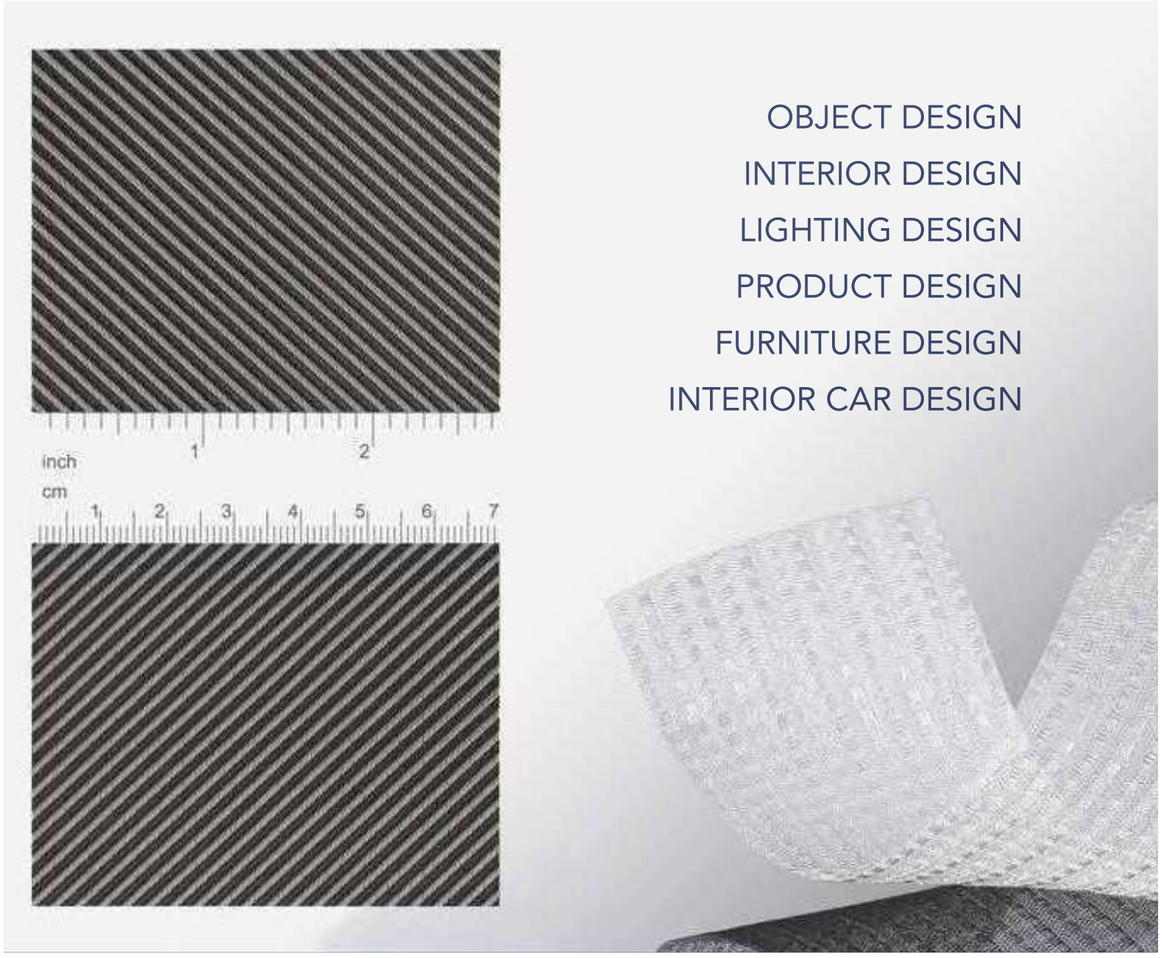
STRUCTURA 6654

TECHNICAL DATA SHEET

The design mesh HAVER Structura is a versatile design material with exclusive standards. A wide range of woven fabric specifications allows a variety of creative design and layout concepts. Depending on the type of weave and aperture shape - open and transparent or tightly closed - structures with different appearances and textures will arise. Further effects can be produced by using various combinations of materials.



OBJECT DESIGN
INTERIOR DESIGN
LIGHTING DESIGN
PRODUCT DESIGN
FURNITURE DESIGN
INTERIOR CAR DESIGN

Description:

Code-No.:	6654
Article-No.:	00102620
Material [1]:	warp: stainless steel 1.4401 (AISI 316) / 1.4404 (AISI 316 L) weft: PET black
Weight [2]:	0.45 kg/m²
Thickness [2]:	0.45 mm
Porosity:	78 %

Dimensions:

Maximum width:	1.20 m
Maximum length:	by arrangement

Mechanical characteristics:

Yield strength:	warp: 107 N/cm weft: 140 N/cm
Maximum load:	warp: 199 N/cm weft: 877 N/cm
Elongation:	warp: 34 % weft: 27 %

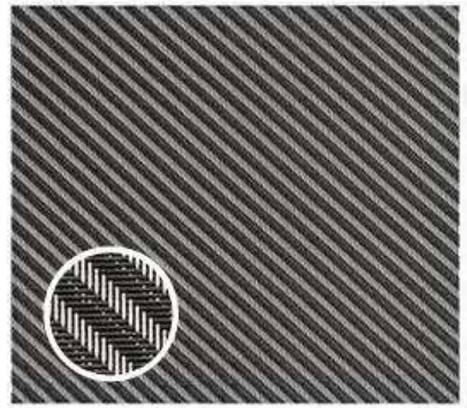
Basis:

Standard:	DIN ISO 9044 / industrial woven wire cloth
Origin:	made in Germany

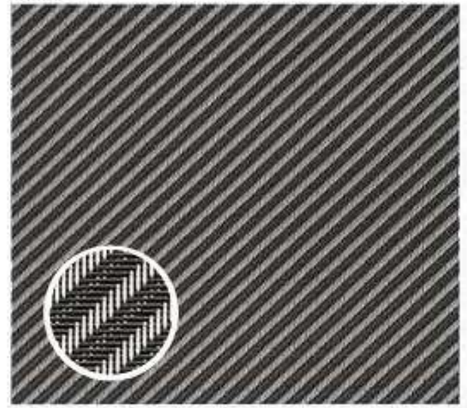
[1] Parts of the melt analysis do not correspond to EN 10088-3.
The given AISI-designations are general recommendations.
[2] Rounded values.

At a glance:

Front:



Back:



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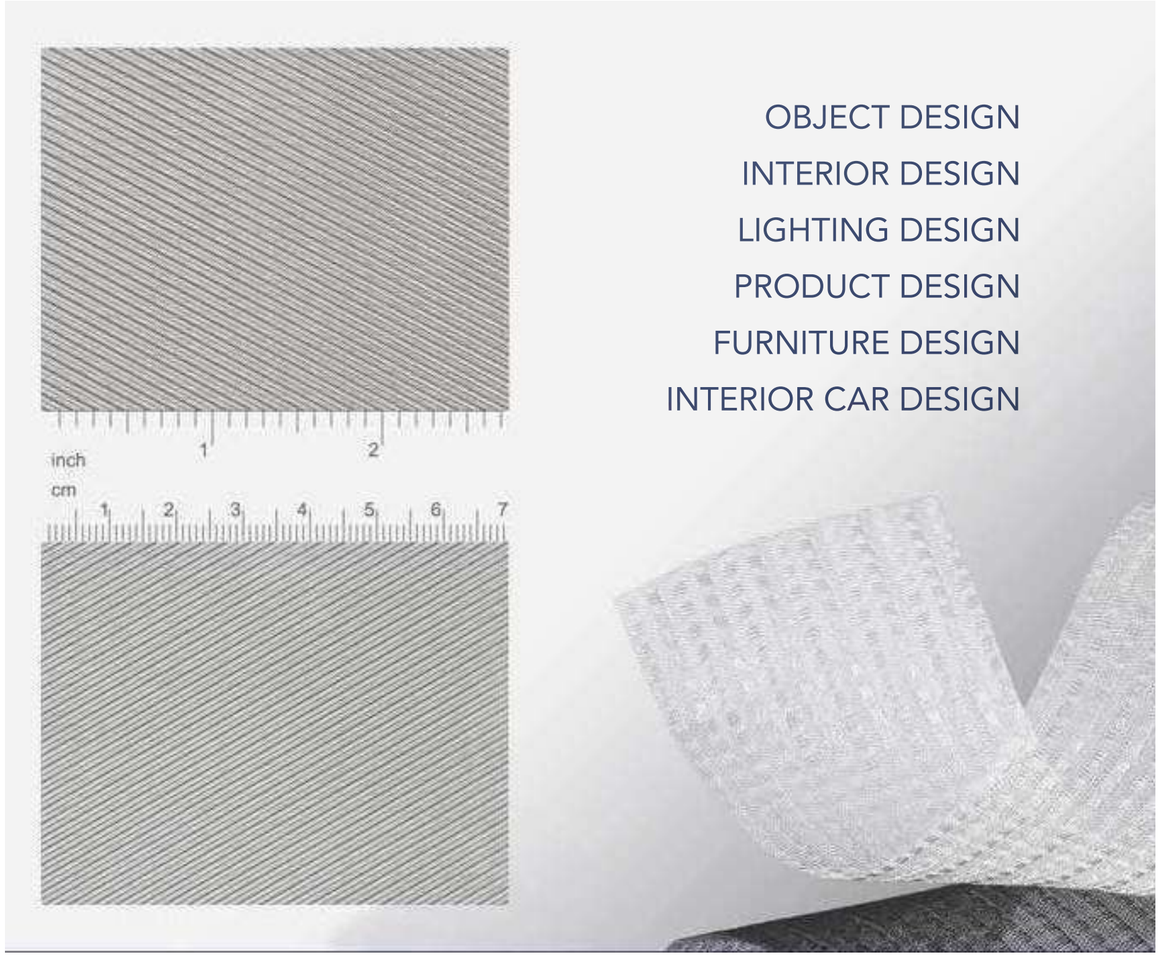
STRUCTURA 6650

TECHNICAL DATA SHEET

The design mesh HAVER Structura is a versatile design material with exclusive standards. A wide range of woven fabric specifications allows a variety of creative design and layout concepts. Depending on the type of weave and aperture shape - open and transparent or tightly closed - structures with different appearances and textures will arise. Further effects can be produced by using various combinations of materials.



OBJECT DESIGN
INTERIOR DESIGN
LIGHTING DESIGN
PRODUCT DESIGN
FURNITURE DESIGN
INTERIOR CAR DESIGN

Description:

Code-No.:	6650
Article-No.:	00101698
Material [1]:	warp and weft: stainless steel
	1.4401 (AISI 316) / 1.4404 (AISI 316 L)
Weight [2]:	0.90 kg/m²
Thickness [2]:	0.35 mm
Porosity:	66 %

Dimensions:

Maximum width:	1.35 m
Maximum length:	by arrangement

Mechanical characteristics:

Yield strength:	warp: 84 N/cm
	weft: 63 N/cm
Maximum load:	warp: 323 N/cm
	weft: 176 N/cm
Elongation:	warp: 17 %
	weft: 21 %

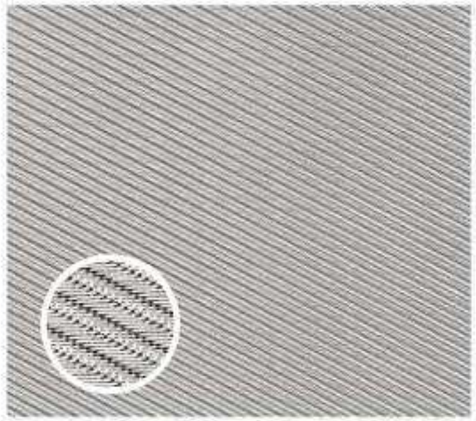
Basis:

Standard:	DIN ISO 9044 / industrial woven wire cloth
Origin:	made in Germany

[1] Parts of the melt analysis do not correspond to EN 10088-3. The given AISI-designations are general recommendations.
[2] Rounded values.

At a glance:

Front:



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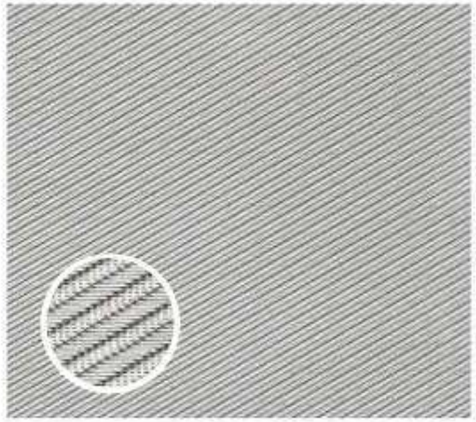

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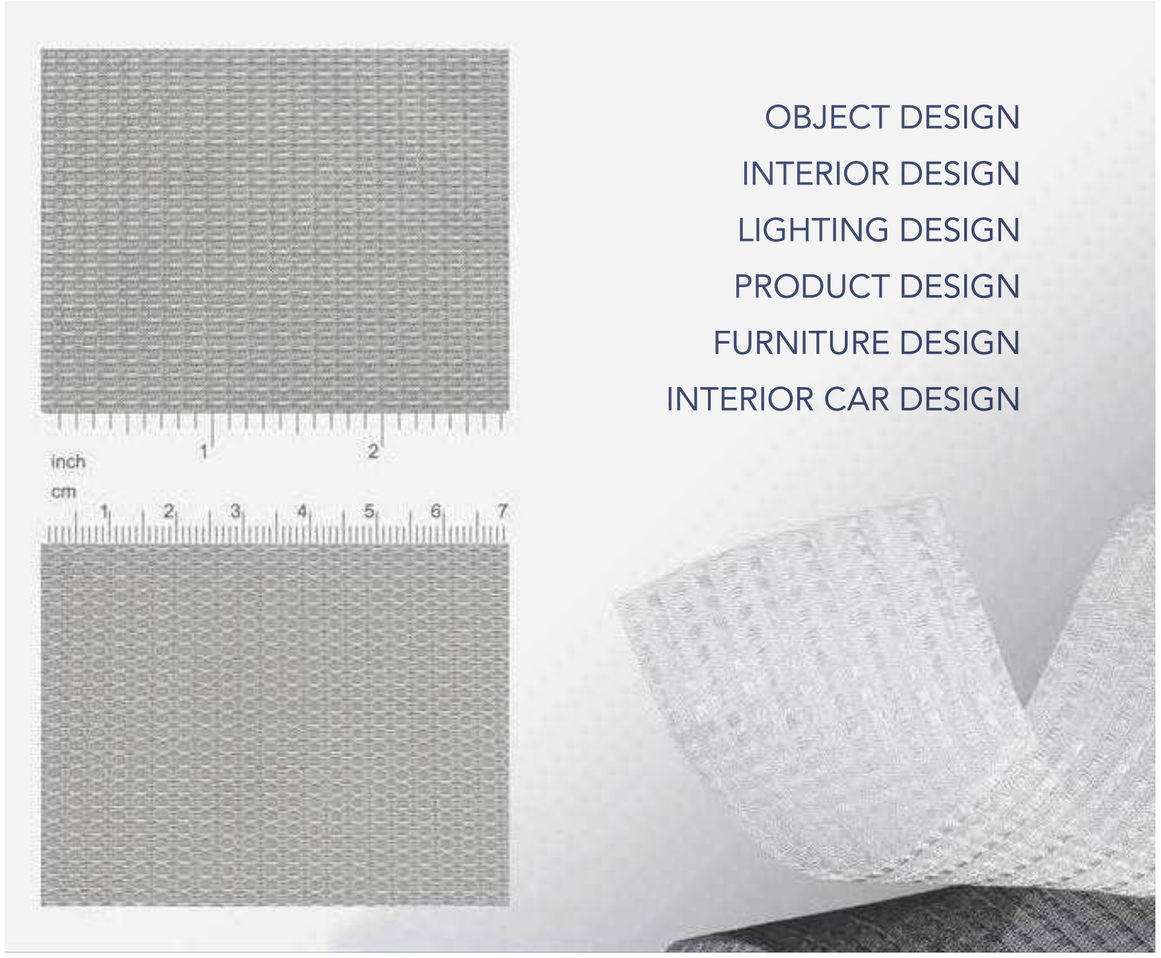
STRUCTURA 6645

TECHNICAL DATA SHEET

The design mesh HAVER Structura is a versatile design material with exclusive standards. A wide range of woven fabric specifications allows a variety of creative design and layout concepts. Depending on the type of weave and aperture shape - open and transparent or tightly closed - structures with different appearances and textures will arise. Further effects can be produced by using various combinations of materials.



OBJECT DESIGN
INTERIOR DESIGN
LIGHTING DESIGN
PRODUCT DESIGN
FURNITURE DESIGN
INTERIOR CAR DESIGN

Description:

Code-No.:	6645
Article-No.:	00102394
Material [1]:	warp and weft: stainless steel 1.4401 (AISI 316) / 1.4404 (AISI 316 L)
Weight [2]:	0.75 kg/m²
Thickness [2]:	0.40 mm
Porosity:	77 %

Dimensions:

Maximum width:	1.35 m
Maximum length:	by arrangement

Mechanical characteristics:

Yield strength:	warp: 47 N/cm
	weft: 232 N/cm
Maximum load:	warp: 121 N/cm
	weft: 528 N/cm
Elongation:	warp: 19 %
	weft: 38 %

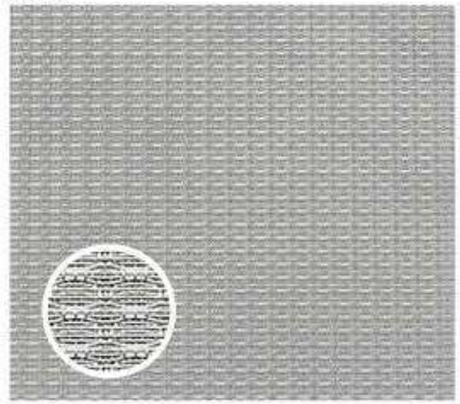
Basis:

Standard:	DIN ISO 9044 / industrial woven wire cloth
Origin:	made in Germany

[1] Parts of the melt analysis do not correspond to EN 10088-3. The given AISI-designations are general recommendations.
[2] Rounded values.

At a glance:

Front:



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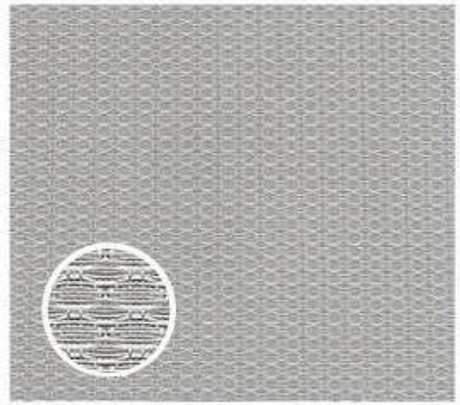

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STRUCTURA 6641

TECHNICAL DATA SHEET

The design mesh HAVER Structura is a versatile design material with exclusive standards. A wide range of woven fabric specifications allows a variety of creative design and layout concepts. Depending on the type of weave and aperture shape - open and transparent or tightly closed - structures with different appearances and textures will arise. Further effects can be produced by using various combinations of materials.

OBJECT DESIGN
INTERIOR DESIGN
LIGHTING DESIGN
PRODUCT DESIGN
FURNITURE DESIGN
INTERIOR CAR DESIGN

Description:

Code-No.:	6641
Article-No.:	00101571
Material [1]:	warp and weft: stainless steel 1.4401 (AISI 316) / 1.4404 (AISI 316 L)
Weight [2]:	1.25 kg/m²
Thickness [2]:	0.95 mm
Porosity:	83 %

Dimensions:

Maximum width:	1.35 m
Maximum length:	by arrangement

Mechanical characteristics:

Yield strength:	warp: 212 N/cm
	weft: 126 N/cm
Maximum load:	warp: 742 N/cm
	weft: 385 N/cm
Elongation:	warp: 29 %
	weft: 25 %

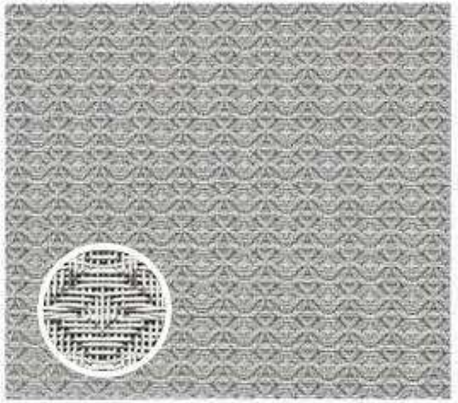
Basis:

Standard:	DIN ISO 9044 / industrial woven wire cloth
Origin:	made in Germany

[1] Parts of the melt analysis do not correspond to EN 10088-3. The given AISI-designations are general recommendations.
[2] Rounded values.

At a glance:

Front:



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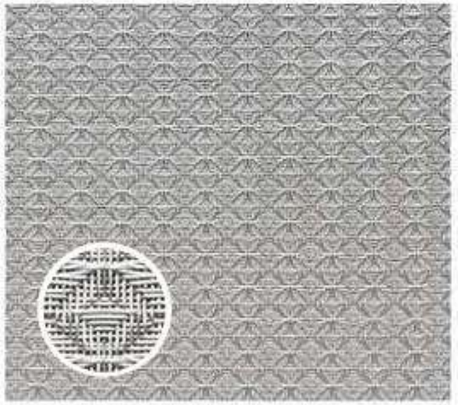

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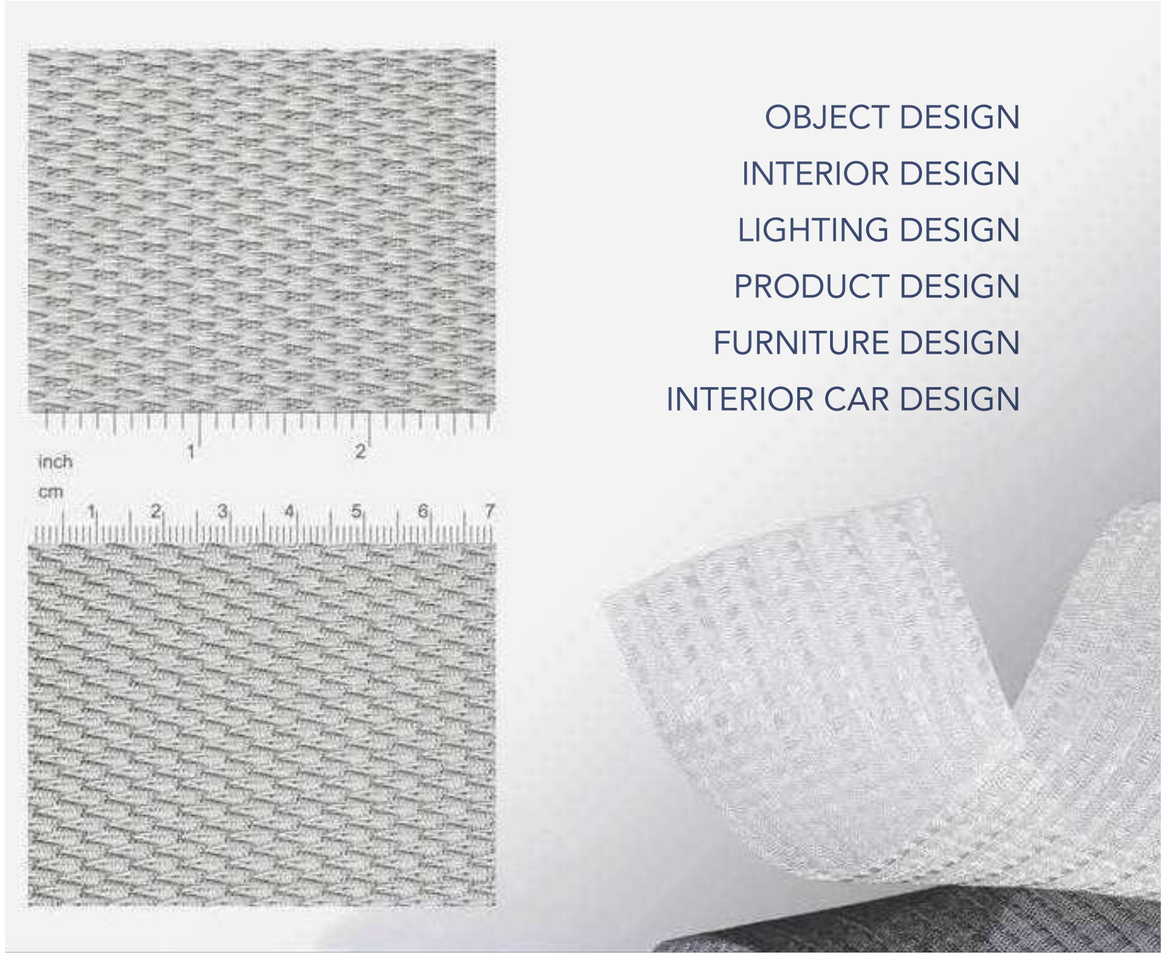
STRUCTURA 6615

TECHNICAL DATA SHEET

The design mesh HAVER Structura is a versatile design material with exclusive standards. A wide range of woven fabric specifications allows a variety of creative design and layout concepts. Depending on the type of weave and aperture shape - open and transparent or tightly closed - structures with different appearances and textures will arise. Further effects can be produced by using various combinations of materials.



OBJECT DESIGN
INTERIOR DESIGN
LIGHTING DESIGN
PRODUCT DESIGN
FURNITURE DESIGN
INTERIOR CAR DESIGN

Description:

Code-No.:	6615
Article-No.:	00101744
Material [1]:	warp and weft: stainless steel 1.4401 (AISI 316) / 1.4404 (AISI 316 L)
Weight [2]:	1.80 kg/m²
Thickness [2]:	0.80 mm
Porosity:	71 %

Dimensions:

Maximum width:	1.35 m
Maximum length:	by arrangement

Mechanical characteristics:

Yield strength:	warp: 129 N/cm
	weft: 484 N/cm
Maximum load:	warp: 384 N/cm
	weft: 1226 N/cm
Elongation:	warp: 37 %
	weft: 32 %

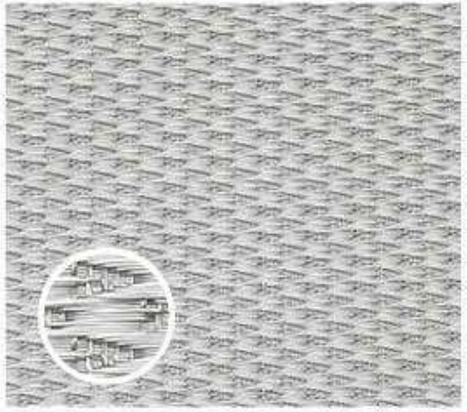
Basis:

Standard:	DIN ISO 9044 / industrial woven wire cloth
Origin:	made in Germany

[1] Parts of the melt analysis do not correspond to EN 10088-3. The given AISI-designations are general recommendations.
[2] Rounded values.

At a glance:

Front:



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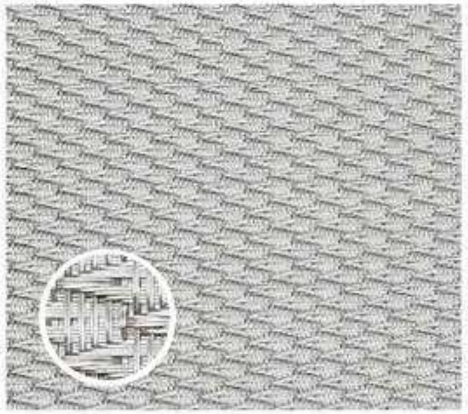

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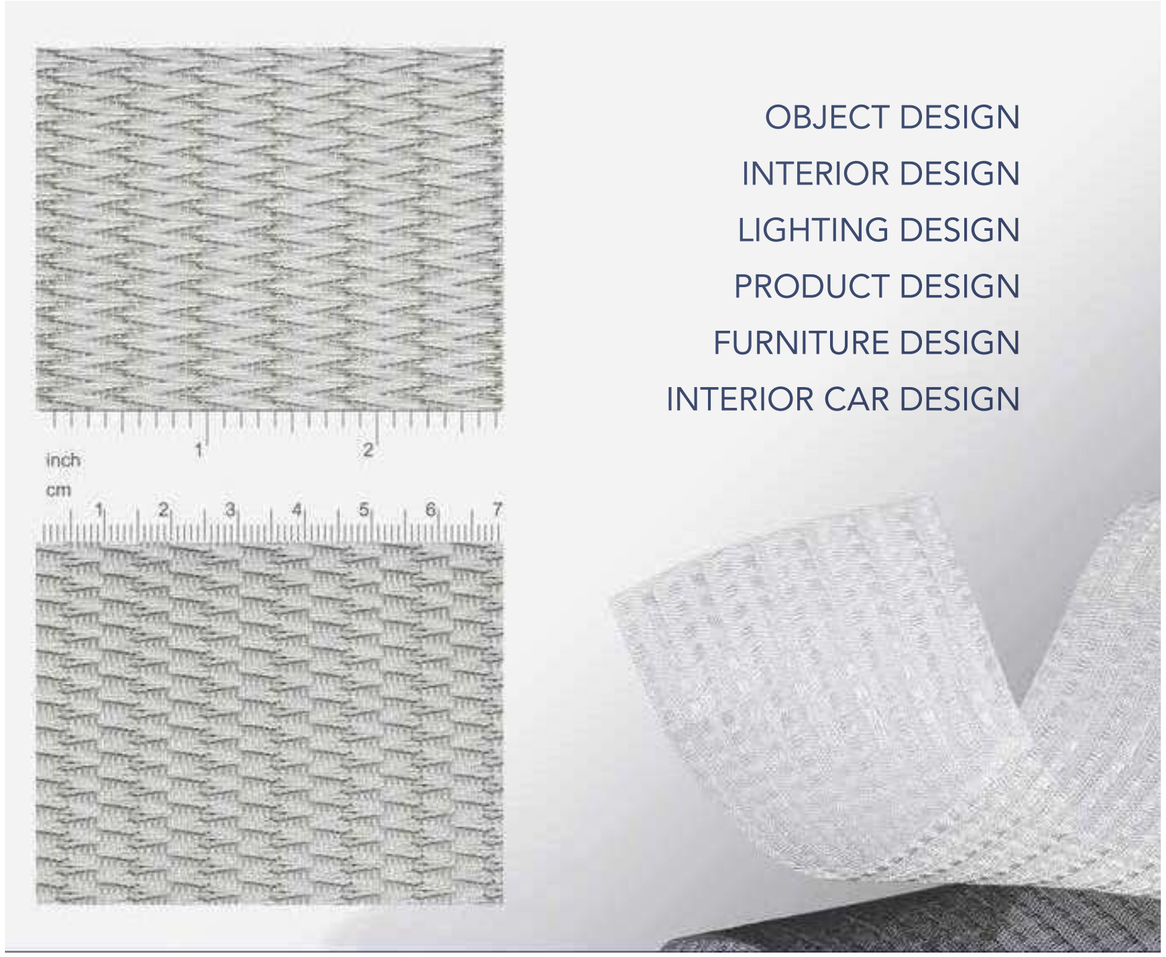
STRUCTURA 6614

TECHNICAL DATA SHEET

The design mesh HAVER Structura is a versatile design material with exclusive standards. A wide range of woven fabric specifications allows a variety of creative design and layout concepts. Depending on the type of weave and aperture shape - open and transparent or tightly closed - structures with different appearances and textures will arise. Further effects can be produced by using various combinations of materials.



OBJECT DESIGN
INTERIOR DESIGN
LIGHTING DESIGN
PRODUCT DESIGN
FURNITURE DESIGN
INTERIOR CAR DESIGN

Description:

Code-No.:	6614
Article-No.:	00101572
Material [1]:	warp and weft: stainless steel 1.4401 (AISI 316) / 1.4404 (AISI 316 L)
Weight [2]:	1.80 kg/m²
Thickness [2]:	0.70 mm
Porosity:	69 %

Dimensions:

Maximum width:	1.35 m
Maximum length:	by arrangement

Mechanical characteristics:

Yield strength:	warp: 149 N/cm
	weft: 300 N/cm
Maximum load:	warp: 404 N/cm
	weft: 311 N/cm
Elongation:	warp: 37 %
	weft: 2 %

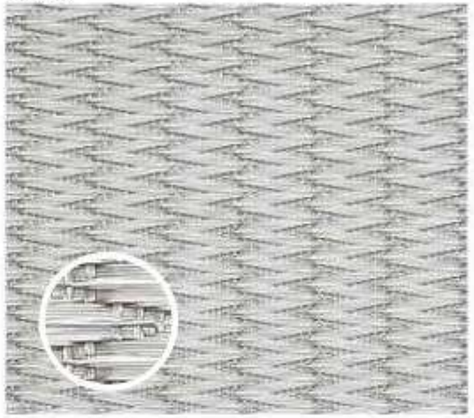
Basis:

Standard:	DIN ISO 9044 / industrial woven wire cloth
Origin:	made in Germany

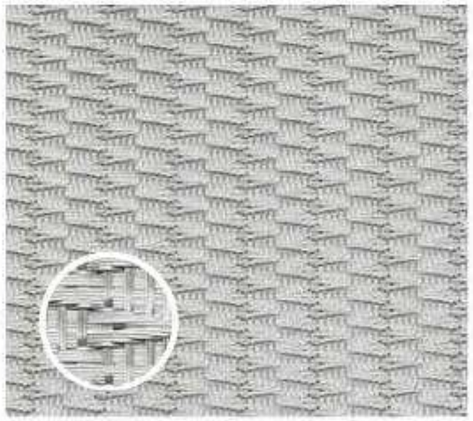
[1] Parts of the melt analysis do not correspond to EN 10088-3. The given AISI-designations are general recommendations.
[2] Rounded values.

At a glance:

Front:



Back:



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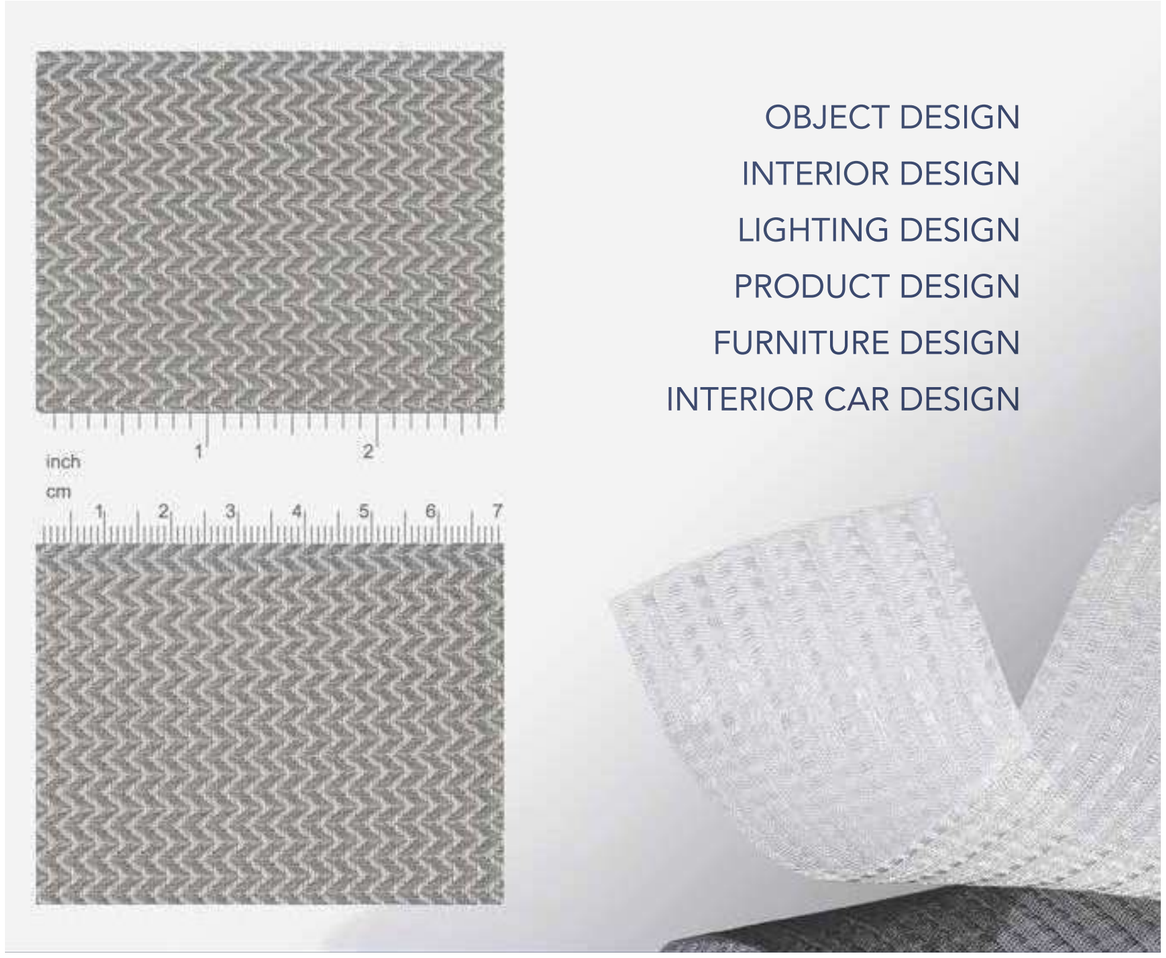
STRUCTURA 6610

TECHNICAL DATA SHEET

The design mesh HAVER Structura is a versatile design material with exclusive standards. A wide range of woven fabric specifications allows a variety of creative design and layout concepts. Depending on the type of weave and aperture shape - open and transparent or tightly closed - structures with different appearances and textures will arise. Further effects can be produced by using various combinations of materials.



OBJECT DESIGN
INTERIOR DESIGN
LIGHTING DESIGN
PRODUCT DESIGN
FURNITURE DESIGN
INTERIOR CAR DESIGN

Description:

Code-No.:	6610
Article-No.:	00101764
Material [1]:	warp and weft: stainless steel
	1.4401 (AISI 316) / 1.4404 (AISI 316 L)
Weight [2]:	1.00 kg/m²
Thickness [2]:	0.45 mm
Porosity:	71 %

Dimensions:

Maximum width:	1.35 m
Maximum length:	by arrangement

Mechanical characteristics:

Yield strength:	warp: 310 N/cm
	weft: 57 N/cm
Maximum load:	warp: 720 N/cm
	weft: 200 N/cm
Elongation:	warp: 41 %
	weft: 26 %

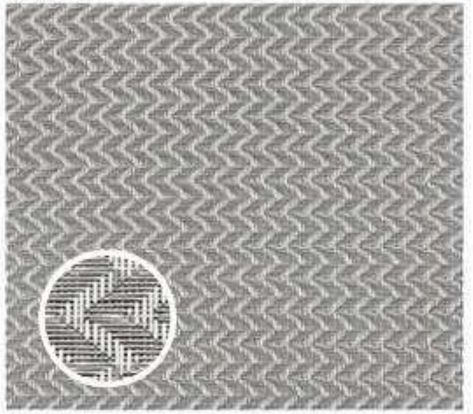
Basis:

Standard:	DIN ISO 9044 / industrial woven wire cloth
Origin:	made in Germany

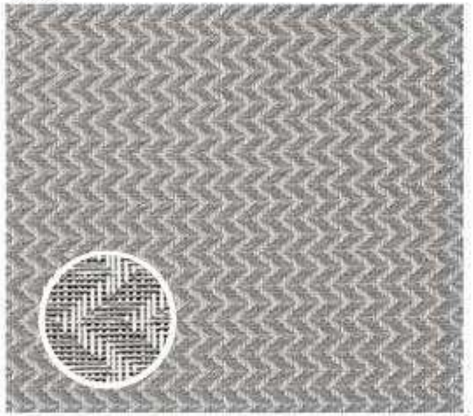
[1] Parts of the melt analysis do not correspond to EN 10088-3.
The given AISI-designations are general recommendations.
[2] Rounded values.

At a glance:

Front:



Back:



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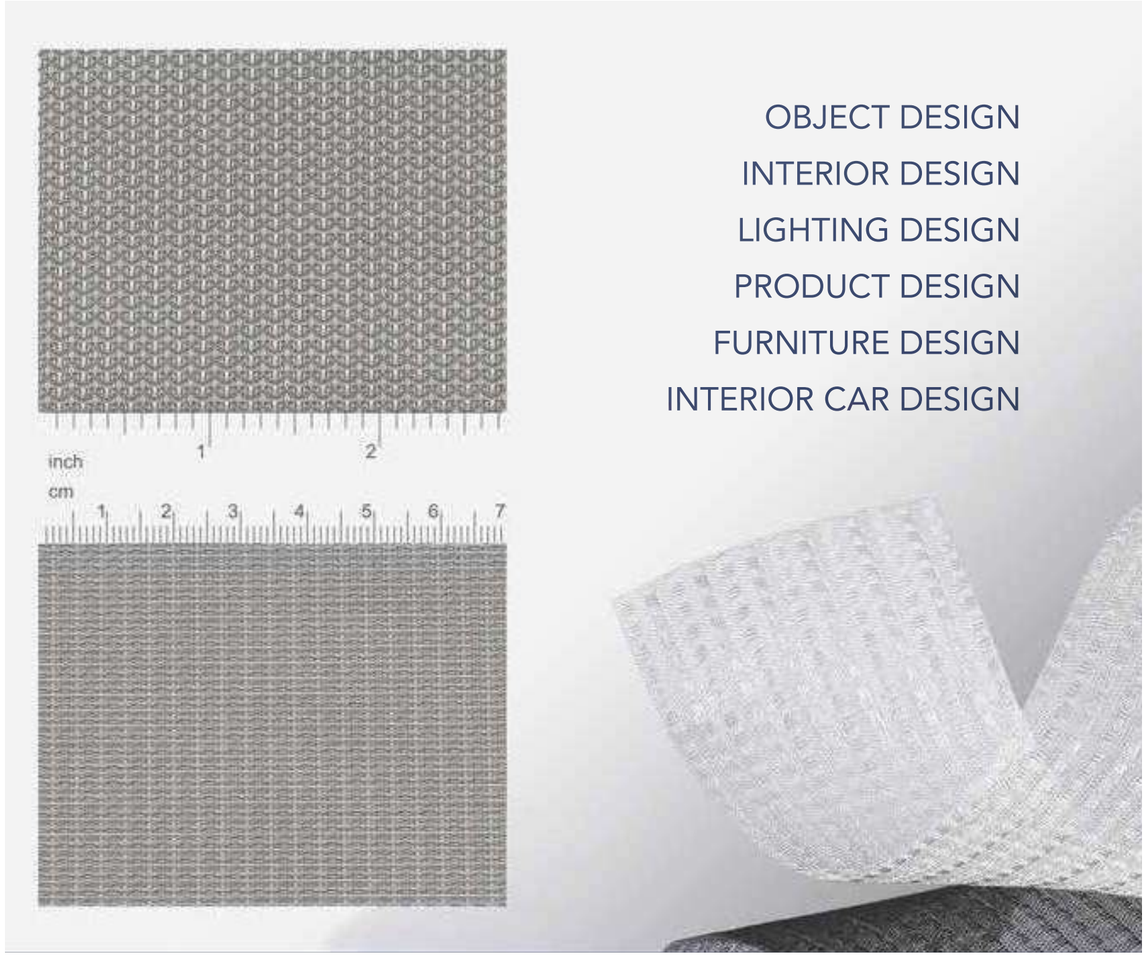
STRUCTURA 6609

TECHNICAL DATA SHEET

The design mesh HAVER Structura is a versatile design material with exclusive standards. A wide range of woven fabric specifications allows a variety of creative design and layout concepts. Depending on the type of weave and aperture shape - open and transparent or tightly closed - structures with different appearances and textures will arise. Further effects can be produced by using various combinations of materials.



OBJECT DESIGN
INTERIOR DESIGN
LIGHTING DESIGN
PRODUCT DESIGN
FURNITURE DESIGN
INTERIOR CAR DESIGN

Description:

Code-No.:	6609
Article-No.:	00101740
Material [1]:	warp and weft: stainless steel 1.4401 (AISI 316) / 1.4404 (AISI 316 L)
Weight [2]:	1.00 kg/m²
Thickness [2]:	0.50 mm
Porosity:	74 %

Dimensions:

Maximum width:	1.35 m
Maximum length:	by arrangement

Mechanical characteristics:

Yield strength:	warp: 276 N/cm
	weft: 49 N/cm
Maximum load:	warp: 750 N/cm
	weft: 184 N/cm
Elongation:	warp: 37 %
	weft: 21 %

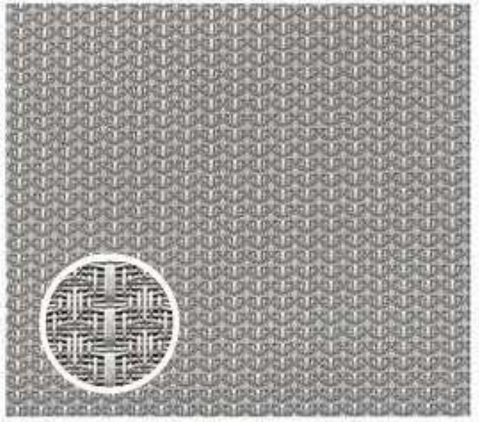
Basis:

Standard:	DIN ISO 9044 / industrial woven wire cloth
Origin:	made in Germany

[1] Parts of the melt analysis do not correspond to EN 10088-3. The given AISI-designations are general recommendations.
[2] Rounded values.

At a glance:

Front:



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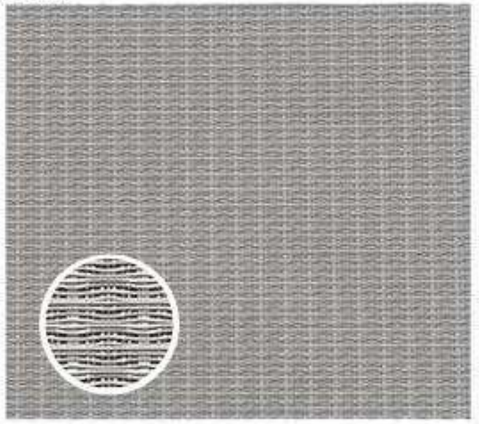

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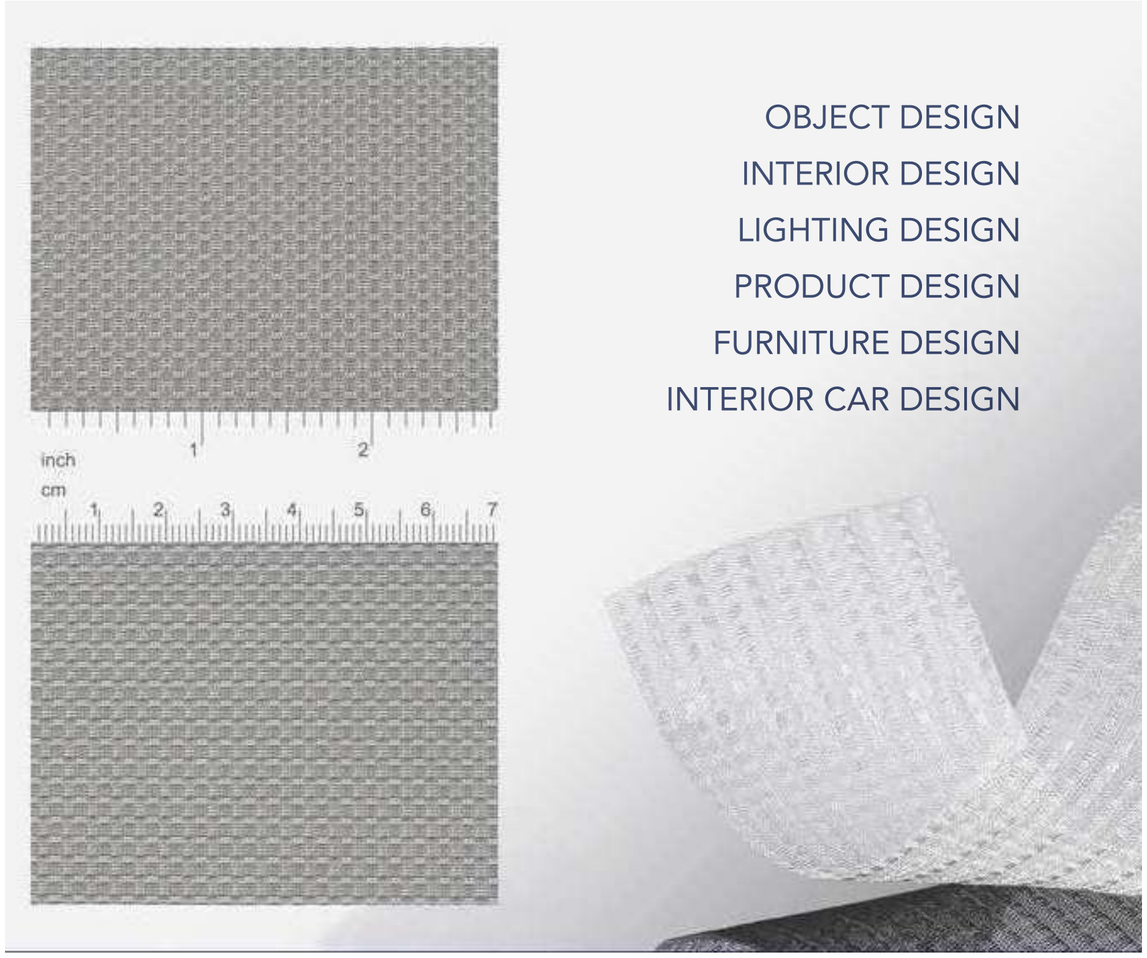
STRUCTURA 6605

TECHNICAL DATA SHEET

The design mesh HAVER Structura is a versatile design material with exclusive standards. A wide range of woven fabric specifications allows a variety of creative design and layout concepts. Depending on the type of weave and aperture shape - open and transparent or tightly closed - structures with different appearances and textures will arise. Further effects can be produced by using various combinations of materials.



OBJECT DESIGN
INTERIOR DESIGN
LIGHTING DESIGN
PRODUCT DESIGN
FURNITURE DESIGN
INTERIOR CAR DESIGN

Description:

Code-No.:	6605
Article-No.:	00101737
Material [1]:	warp and weft: stainless steel 1.4401 (AISI 316) / 1.4404 (AISI 316 L)
Weight [2]:	1.00 kg/m²
Thickness [2]:	0.5 mm
Porosity:	75 %

Dimensions:

Maximum width:	1.35 m
Maximum length:	by arrangement

Mechanical characteristics:

Yield strength:	warp: 280 N/cm weft: 71 N/cm
Maximum load:	warp: 687 N/cm weft: 168 N/cm
Elongation:	warp: 46 % weft: 16 %

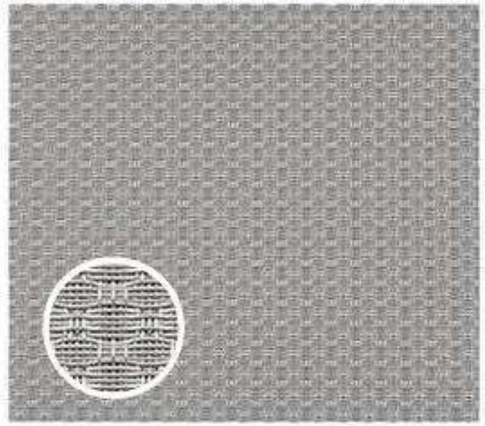
Basis:

Standard:	DIN ISO 9044 / industrial woven wire cloth
Origin:	made in Germany

[1] Parts of the melt analysis do not correspond to EN 10088-3. The given AISI-designations are general recommendations.
[2] Rounded values.

At a glance:

Front:



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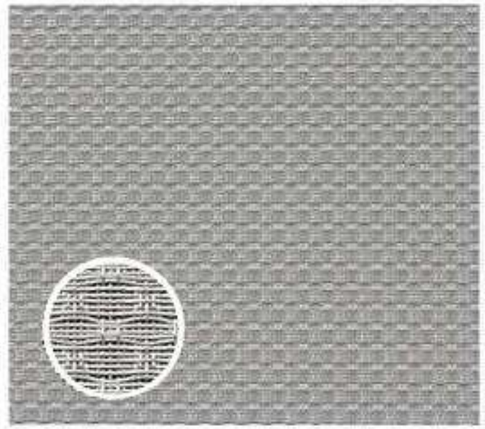

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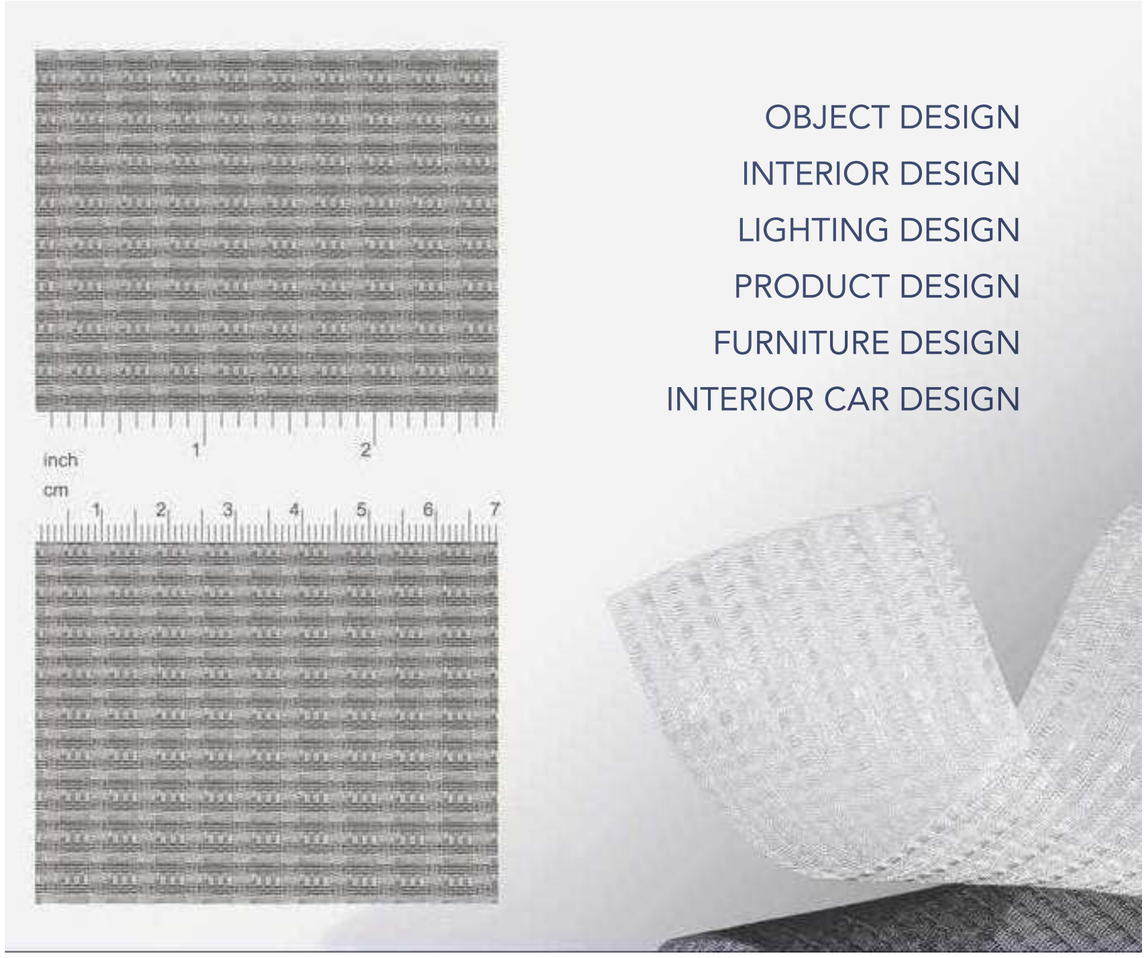
STRUCTURA 6601

TECHNICAL DATA SHEET

The design mesh HAVER Structura is a versatile design material with exclusive standards. A wide range of woven fabric specifications allows a variety of creative design and layout concepts. Depending on the type of weave and aperture shape - open and transparent or tightly closed - structures with different appearances and textures will arise. Further effects can be produced by using various combinations of materials.



OBJECT DESIGN
INTERIOR DESIGN
LIGHTING DESIGN
PRODUCT DESIGN
FURNITURE DESIGN
INTERIOR CAR DESIGN

Description:

Code-No.:	6601
Article-No.:	00101741
Material [1]:	warp and weft: stainless steel 1.4401 (AISI 316) / 1.4404 (AISI 316 L)
Weight [2]:	0.95 kg/m²
Thickness [2]:	0.50 mm
Porosity:	75 %

Dimensions:

Maximum width:	1.35 m
Maximum length:	by arrangement

Mechanical characteristics:

Yield strength:	warp: 54 N/cm weft: 307 N/cm
Maximum load:	warp: 188 N/cm weft: 682 N/cm
Elongation:	warp: 28 % weft: 36 %

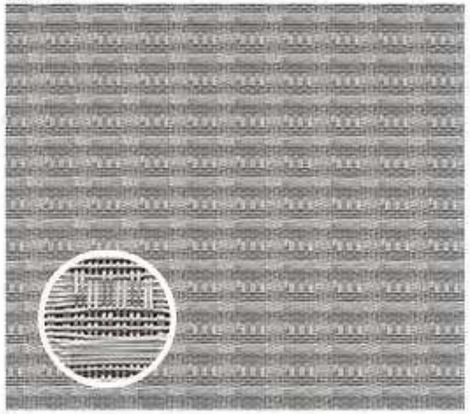
Basis:

Standard:	DIN ISO 9044 / industrial woven wire cloth
Origin:	made in Germany

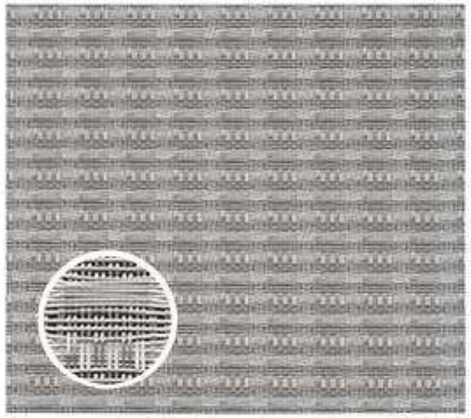
[1] Parts of the melt analysis do not correspond to EN 10088-3. The given AISI-designations are general recommendations.
[2] Rounded values.

At a glance:

Front:



Back:



ALUMINUM FOAM

Standard foam pore size:

Small foam (1-3)mm.
Medium foam (3-5)mm.
Large foam (5-7)mm.

The higher the density, the smaller the foam size, the heavier and tighter the material

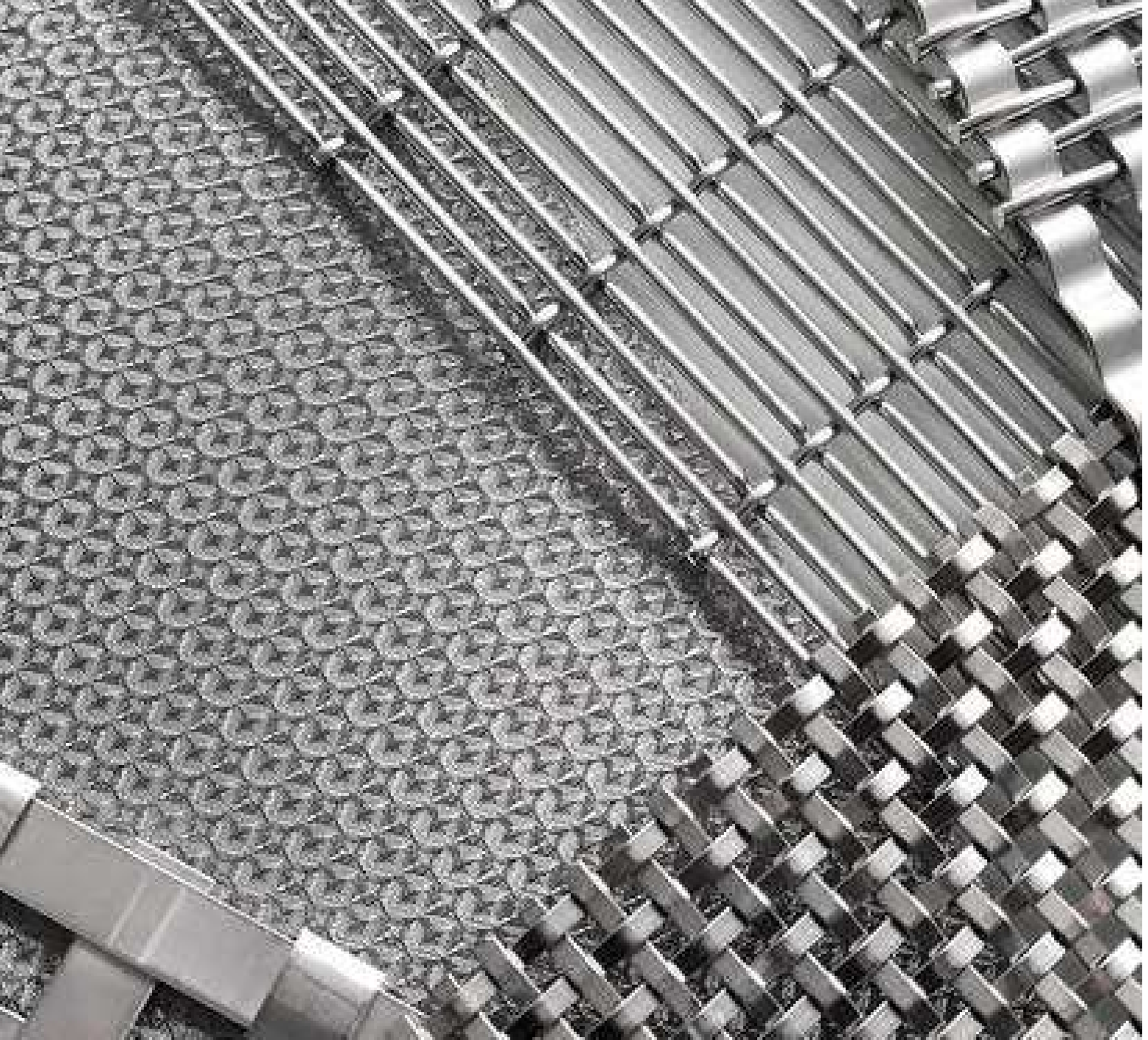
Standard sheet thickness:

12.7 mm.
25.4 mm.
43.2 mm.

There are also thicknesses according to usage requirements and orders from (5-10)mm.

Sheet width and length:

1000 x 2000 mm.
1200 x 600 mm.



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