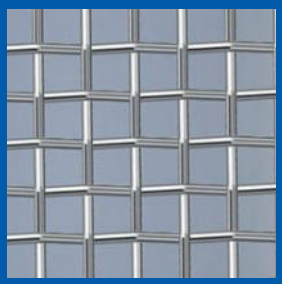
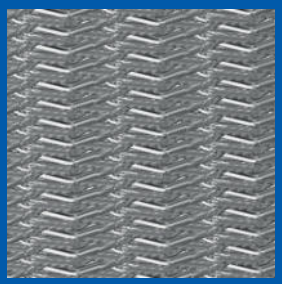
KÖRNER

WIRE-CLOTH

40 YEARS

www.rolfkoerner.de

CHEMICAL RECYCLING PAPER HYDRAULICS
PLASTIC MELT PLASTIC PETROCHEMICAL
WATER ENERGY AUTOMOTIVE OIL MINING GAS

WIRE-CLOTH

We have a well stocked warehouse at our disposal enabling us to respond quickly to our customers needs. This allows us to deal with your requests promptly and to your full satisfaction.

Material:	stainless steel, plain steel, galvanized steel, copper, brass, phosphor bronze and special alloys
Weave:	plain weave, twilled weave, plain Dutch weave, Dutch twilled weave, reverse plain Dutch weave and twilled reverse Dutch weave
Filtration grade:	from 5 µm up to 10 mm
Fabric width:	standard widths: 1000, 1220, 1300, 1524 mm
Scope:	as mother rolls or cut to size on customer's request

Other designs on request.


Warehouse


Light table


Measuring


Cutting


Plasma cutting

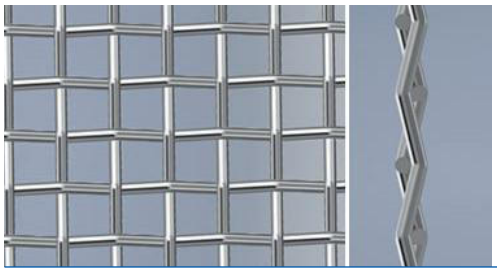
FLEXIBLE,

FAST,

PROFESSIONAL!

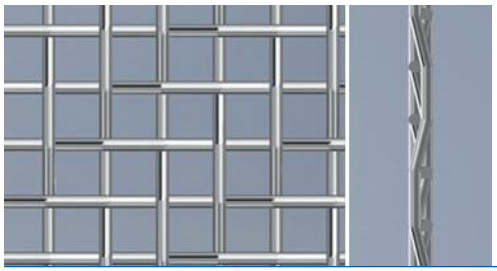
KÖRNER

KINDS OF WEAVING



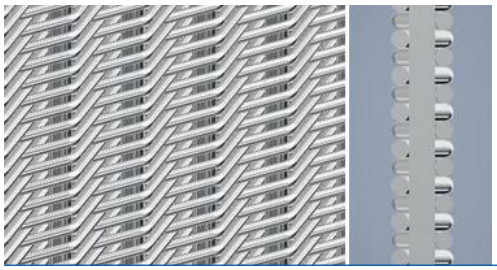
PLAIN WEAVE

The most famous kind of weaving with particularly exact apertures. Warp and weft wires are woven over and under each other in a continuous alteration.



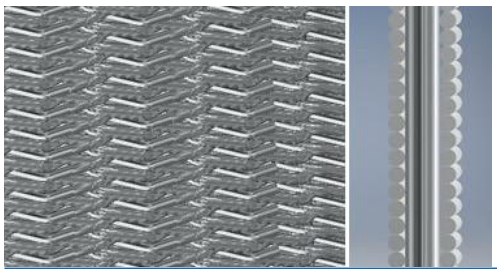
TWILLED WEAVE

In the twilled weave each warp and weft wire is woven over and under two. Where comparatively small apertures in combination with strong wires are required.



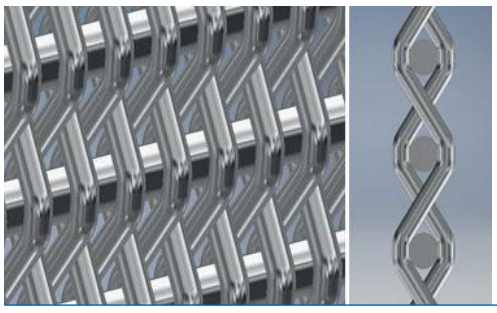
PLAIN DUTCH WEAVE

Wire filter cloth, woven in a plain weave pattern having few and thicker warp wires and many and thinner weft wires, beaten closely together.



TWILLED DUTCH WEAVE

Twilled Dutch is of a similar construction to plain Dutch i.e. fewer thick warp wires, many thin weft wires, except the weave pattern is twilled which allows the maximum number of weft wires. Dutch twill is a surface filtration media and allowing the smallest openings. Smooth surface, very solid, specially used for finest filtration.



REVERSED PLAIN DUTCH (PZ) / REVERSED TWILLED DUTCH (KPZ)

This is the reverse of plain dutch. The largest number of wires is found in the warp and the lesser number in the weft direction. The weft wires are much thicker than the warp wires. This construction is characterised by high stability at good troughput and excellent regeneration.

Extract of the stocklist:

SQUARE MESHES, plain weave or *twill weave

Aperture in mm	Wire diameter in mm	Mesh per inch 1 inch = 25,4mm	Open Area in %	Weight kg/m2
10,00	2,00	2,0	69	4,23
10,00	1,50	2,2	76	2,48
8,00	1,60	2,5	69	3,39
6,30	1,00	3,5	74	1,74
5,00	1,00	4,25	69	2,12
4,00	1,00	5,0	64	2,54
3,00	1,00	6,35	56	3,18
3,15	0,80	6,5	64	2,06
2,50	0,70	8,0	61	1,94
2,00	1,00	8,5	44	4,23
2,00	0,56	10,0	61	1,56
2,00	0,50	10,0	64	1,27
1,64	0,90	10,0	42	4,05
1,60	0,50	12,0	58	1,51
1,60	1,00	10,0	38	4,88
1,25	0,40	16,0	57	1,23
1,25	0,80	12,5	37	3,96
1,00	0,30	20,0	59	0,88
1,00	0,40	18,0	51	1,45
1,00	0,50	17,0	44	2,12
0,87	0,40	20	47	1,60
0,80	0,50	20	38	2,44
0,72	0,35	24	45	1,45
0,63	0,40	25	37	1,97
0,50	0,32	30	37	1,59
0,50	0,20	36	51	0,73
0,415	0,220	40	43	0,97
0,400	0,250	40	38	1,22
0,315	0,200	50	37	0,99
0,250	0,160	60	37	0,79
0,200	0,120	80	38	0,57
0,150	0,100	100	36	0,51
0,140	0,110	100	31	0,61
0,125	0,080	120	37	0,40
0,100	0,065	150	37	0,33
0,075	0,050	200	36	0,25
0,063	0,040	250	37	0,20
0,042	0,036*	325	29	0,21
0,035	0,030*	400	29	0,18
0,025	0,025*	500	25	0,16

PLAIN DUTCH WEAVE or *twilled weave

Micronic rating nominal	Mesh per inch 1 inch = 25,4mm	Weight kg/m2
300	12 x 64	3,90
200	14 x 88	3,13
150	24 x 110	2,50
100	30 x 150	1,60
80	40 x 200	1,30
40	80 x 330	0,96
40	80 x 400	0,82
50	50 x 250	1,00
25	80 x 700*	1,18
20	165 x 800*	0,70
15	165 x 1400*	0,76
25	200 x 600*	0,49
10	200 x 1400*	0,81
5	325 x 2300*	0,46

Other designs on request.

REVERSED PLAIN DUTCH (PZ)

Micronic rating nominal	Mesh per inch 1 inch = 25,4mm	Weight kg/m2
17	625/130	0,80
25	625/102	0,90
40	290/72	1,30
60	171/43	2,10
80	130/30	2,90
150	86/24	3,10

REVERSED TWILLED DUTCH (KPZ)

Micronic rating nominal	Mesh per inch 1 inch = 25,4mm	Weight kg/m2
55	325/40	2,7
80	260/40	1,9
150	152/24	4,6
300	132/17	3,9
500	72/15	4,2

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