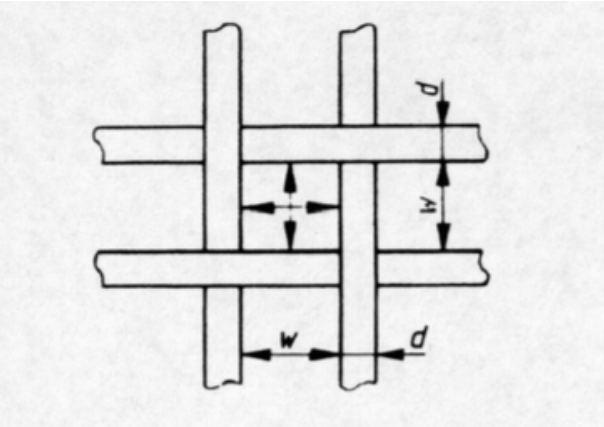
PRECISION
WIRE MESH

ISO 3310

SQUARE MESH

Woven wire cloth manufactured to a much higher quality than those required for the industrial ones.
The use of this type of fabric is appropriate when the needs of use require a precision that industrial fabrics do not have.
The standard under which this type of fabric is governed is ISO 3310.1



The parameters that identify a precision woven wire cloth are the same as those indicated for industrial fabrics, although the nominal mesh sizes and the range of wire diameters are already determined by the standard.
Screening area: 2400 cm^2.

Opening	Tolerances Standard ISO 9044 Industrial Wire Cloth	Tolerances Standard ISO 3310.1 Precision Wire Cloth
8,00 mm	+/- 0,40 mm	+/- 0,25 mm
4,00 mm	+/- 0,20 mm	+/- 0,13 mm
2,00 mm	+/- 0,10 mm	+/- 0,07 mm
1,00 mm	+/- 0,05 mm	+/- 0,03 mm
500 µm	+/- 25 µm	+/- 18 µm
250 µm	+/- 15 µm	+/- 9,9 µm
125 µm	+/- 9 µm	+/- 5,8 µm
63 µm	+/- 6 µm	+/- 3,7 µm

The difference in tolerances between industrial and precision fabrics is reflected in the following comparison table.

According to this standard and on demand they can be requested::

- Material quality certificates
- Test certificate according to 2.1 EN 10204
- Calibration certificate according to 3.1.b EN 10204

The material of these fabrics is stainless steel AISI-304 or AISI-316.

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PRECISION
WIRE MESH

ISO 3310

SQUARE MESH

CISA
SIEVING TECHNOLOGIES

MADE IN EU

Openings from 16,00 mm to 1,00 mm.

Opening mm. #	O WIRE mm.	Fo. %	G Kgrs/m²
16,00	3,15	69,81	6,53
14,00	2,80	69,44	5,88
13,20	2,80	68,06	6,18
12,50	2,50	69,44	5,25
11,20	2,50	66,83	5,75
10,00	2,50	64,00	6,31
9,50	2,24	65,48	5,39
9,00	2,24	64,11	5,63
8,00	2,00	64,00	5,04
7,10	1,80	63,64	4,59
6,70	1,80	62,13	4,81
6,30	1,80	60,49	5,04
5,60	1,60	60,49	4,48
5,00	1,60	57,39	4,89
4,75	1,60	55,96	5,08
4,50	1,40	58,17	4,19
4,00	1,40	54,87	4,58
3,55	1,25	54,70	4,10
3,35	1,25	53,04	4,28
3,15	1,25	51,25	4,48
2,80	1,12	51,02	4,04
2,50	1,00	51,02	3,60
2,36	1,00	49,33	3,75
2,24	0,90	50,89	3,25
2,00	0,90	47,56	3,52
1,80	0,80	47,93	3,10
1,70	0,80	46,24	3,23
1,60	0,80	44,44	3,36
1,40	0,71	44,02	3,01
1,25	0,63	44,21	2,66
1,18	0,63	42,50	2,77
1,12	0,56	44,44	2,35
1,00	0,56	41,09	2,53

Useful screening area in %

Openings from 900 µm to 20 µm.

Opening mm. #	O WIRE mm.	Fo. %	G Kgrs/m²
900	500	41,33	2,25
850	500	39,64	2,34
800	450	40,96	2,04
710	450	37,46	2,20
630	400	37,41	1,96
600	400	36,00	2,02
560	355	37,46	1,74
500	315	37,64	1,54
450	280	38,00	1,35
425	280	36,34	1,40
400	250	37,87	1,21
355	224	37,59	1,09
315	200	37,41	0,98
300	200	36,00	1,01
280	180	37,05	0,89
250	160	37,18	0,79
224	160	34,03	0,84
212	140	36,27	0,70
200	140	34,60	0,73
180	125	34,83	0,65
160	112	34,60	0,58
150	100	36,00	0,50
140	100	34,03	0,53
125	90	33,80	0,48
112	80	34,03	0,42
106	71	35,86	0,36
100	71	34,20	0,37
90	63	34,60	0,33
80	56	34,60	0,29
75	50	36,00	0,25
71	50	34,43	0,26
63	45	34,03	0,24
56	40	34,03	0,21
53	36	35,46	0,18
50	36	33,80	0,19
45	32	34,15	0,17
40	32	30,86	0,18
38	30	31,23	0,17
36	30	29,75	0,17
32	28	28,44	0,16
25	25	25,00	0,16
20	20	25,00	0,13

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