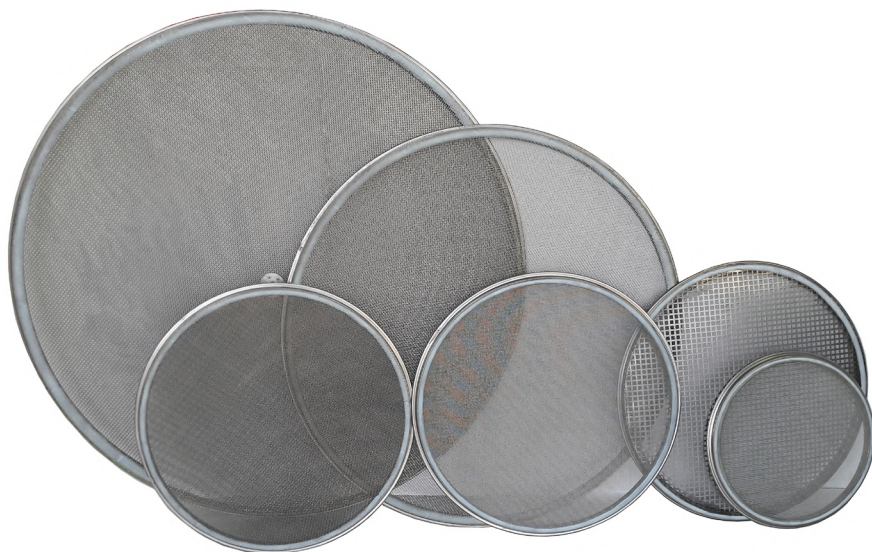




We manufacture circular industrial sieves made of stainless steel, AISI-304 and AISI-316 grades, with mesh openings ranging from 25 microns to 50 mm, or with perforated plates (round, oval, or square holes). Compliant with standards: UNE 7050-3, UNE 7050-4, ISO 3310-1, ISO 3310-2, ISO 9044, ASTM E11.

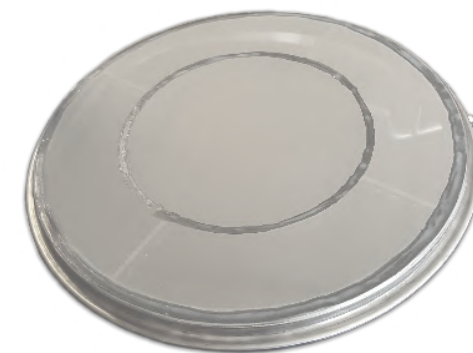
Available standard diameters: 300, 400, 550, 800, 1200, and 1500 mm Ø. We manufacture ultrasonic sieves, segmental sieves, double-mesh sieves, and custom-made sieves for any screening or sifting equipment.

Repair and Maintenance

- Re-screening and repair of industrial sieves with the requested mesh types.
- Replacement of mesh or perforated plate for sieves from other manufacturers.
- Manufacture of replica sieves compatible with equipment from other brands.
- Verification of proper mesh tension for each sieve.
- Repair using welding and high-strength adhesive suitable for food contact applications.
- We have our own ENAC-accredited laboratory (No. 310/LE683) for dimensional verification of wire mesh and perforated plate sieves in accordance with UNE, ISO, and ASTM standards, as listed in the laboratory's technical annex. This ensures full traceability and compliance with applicable standards (UNE 7050-3, UNE 7050-4, ISO 3310-1, ISO 3310-2, ISO 9044, ASTM E11).

Ultrasonic Systems:

Re-screening of sieve frames equipped with ultrasonic cleaning systems.



REPAIR AND MAINTENANCE

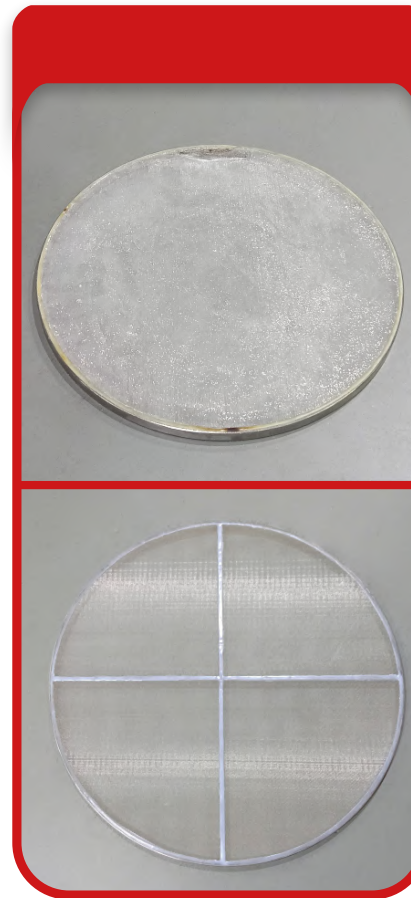
Repair and Re-screening of sieves from any Manufacturer

We are specialists in **sieve repair and re-screening**, regardless of the manufacturer. Our comprehensive maintenance service restores your sieves to **optimal working condition**.



Sieve repair and reinforcement

We perform reinforcement interventions on your sieves, installing crossbars or support grids to increase their strength and service life.



Standardized opening table for metal sheets according to international standards.

We offer a wide stock of stainless steel meshes in AISI-304 and AISI-316 grades, compliant with ISO 9044, available in rolls, panels, or custom lengths:
Plain weave mesh, twilled mesh, crimped mesh, welded mesh, sintered mesh, reps mesh.

Light Series		
Opening (mm)	Ø Wire (mm)	% Useful surface
1,440	0,300	68,80
1,126	0,280	66,50
1,150	0,240	68,50
1,030	0,230	66,50
0,880	0,230	62,40
0,726	0,200	62,00
0,594	0,200	55,20
0,534	0,160	58,20
0,457	0,160	55,50
0,416	0,140	57,10
0,385	0,120	56,50
0,343	0,120	53,80
0,307	0,120	52,50
0,277	0,120	49,70
0,270	0,100	53,10
0,247	0,100	51,80
0,219	0,090	50,60
0,198	0,080	51,80
0,188	0,090	45,60
0,173	0,080	46,30
0,161	0,070	48,30

Light Series		
Opening (mm)	Ø Wire (mm)	% Useful surface
1,150	0,063	49,30
1,128	0,070	49,30
1,125	0,060	45,50
1,124	0,050	50,10
0,104	0,050	45,20
0,089	0,050	40,90
0,080	0,050	46,30
0,075	0,036	36,20
0,063	0,063	34,80
0,056	0,036	35,30
0,049	0,030	34,80
0,042	0,036	28,00
0,040	0,030	33,20
0,025	0,025	24,90

Heavy-Duty Series		
Opening (mm)	Ø Wire (mm)	% Useful surface
19,716	2,5	78,80
11,880	2	73,40
9,5	1,6	73,40
7,96	1,3	73,70
5,84	1,1	70,30
4,56	1	67,00
4	1	64,30
3,73	0,9	64,80
3,17	0,8	63,60
2,77	0,7	63,50
2,39	0,7	59,40
2,18	0,6	61,40
1,81	0,5	60,90
1,48	0,5	55,50
1,3	0,44	54,30
1,12	0,42	52,10
0,99	0,40	50,60
0,75	0,36	45,50
0,606	0,32	43,20
0,514	0,28	41,20
0,454	0,24	41,90

Heavy-Duty Series		
Opening (mm)	Ø Wire (mm)	% Useful surface
0,36	0,20	41,30
0,283	0,18	36,40
0,237	0,16	36,40
0,207	0,14	36,40
0,189	0,12	37,00
0,168	0,11	36,40
0,153	0,10	36,10
0,141	0,09	37,00
0,125	0,08	35,20
0,111	0,063	40,00
0,104	0,050	45,63
0,088	0,050	45,63
0,088	0,050	40,75
0,076	0,045	36,55
0,061	0,045	30,25
0,057	0,035	38,30
0,049	0,030	31,00
0,039	0,030	33,70
0,032	0,025	31,00
0,025	0,025	25,00
0,020	0,020	25,00

Standardized opening table for metal sheets according to international standards

*W= Mesh opening / plate aperture (mm)

Extra Heavy-Duty Series		
Opening (mm)	Ø Wire (mm)	% Useful surface
25	0,20	41,30
19,72	0,18	36,40
16,51	0,16	36,40
10	0,14	36,40
8	0,12	37,00
6,3	0,11	36,40
5	0,10	36,10
5	0,09	37,00
4	0,08	35,20
3	0,063	40,00
2,5	0,050	45,63
1,6	0,050	45,63
1,5	0,050	40,75
1,23	0,045	36,55
1,18	0,045	30,25
1,08	0,035	38,30
0,9	0,030	31,00
0,82	0,030	33,70
0,71	0,025	31,00
0,52	0,025	25,00
0,40	0,020	25,00
0,30	0,20	36,00

ISO 5223
Hole Size
1 mm x 20 mm
1,5 mm x 20 mm
1,6 mm x 20 mm
1,7 mm x 20 mm
1,8 mm x 20 mm
1,9 mm x 20 mm
2 mm x 20 mm
2,2 mm x 20 mm
2,25 mm x 20 mm
2,5 mm x 20 mm
2,8 mm x 20 mm
3,5 mm x 20 mm
3,55 mm x 20 mm

*Other sizes available upon request.

Meshes	Plates
UNE 7050-3	UNE 7050-4
ISO 3310-1	
ASTM E11	ISO 3310-2
ISO 9044	

UNE 7050-4 ISO 3310-2	ASTM E323	
W*	W*	Nº
●■ 125	●■ 125	5 in.
●■ 112		
●■ 106	●■ 106	41/4 in.
●■ 100	●■ 100	4 in.
●■ 90	●■ 90	31/2 in.
●■ 80		
●■ 75	●■ 75	3 in.
●■ 71		
●■ 63	●■ 63	21/2 in.
●■ 56		
●■ 53	●■ 53	21/8 in.
●■ 50	●■ 50	2 in.
●■ 45	●■ 45	13/4 in.
●■ 40		
●■ 37,5	●■ 37,5	11/2 in.
●■ 35,5		
●■ 31,5	●■ 31,5	11/4 in.
●■ 28		
●■ 26,5	●■ 26,5	11/6 in.
●■ 25	●■ 25	1 in.
●■ 22,4	●■ 22,4	7/8 in.
●■ 20		
●■ 26,5	●■ 26,5	11/6 in.
●■ 20		
●■ 19	●■ 19	3/4 in.
●■ 16	●■ 16	5/8 in.
●■ 14		
●■ 13,2	●■ 13,2	17/32 in.
●■ 12,5	●■ 12,5	1/2 in.

UNE 7050-4 ISO 3310-2	ASTM E323	
W*	W*	Nº
●■ 11,2	●■ 11,2	7/16 in.
●■ 10		
●■ 9,5	●■ 9,5	3/8 in.
●■ 9		
●■ 8	●■ 8	5/16 in.
●■ 7,1		
●■ 6,7	●■ 6,7	17/64 in.
●■ 6,3	●■ 6,3	1/4 in.
●■ 5,6	●■ 5,6	7/32 in.
●■ 5		
●■ 4,75	●■ 4,75	31/16 in.
●■ 4,5		
●■ 4	●■ 4	5/32 in.
● 3,55		
● 3,35	● 3,35	1/8 in.
● 3,15		
● 2,8	● 2,8	7/64 in.
● 2,5		
● 2,36	● 2,36	3/62 in.
● 2,24		
● 2	● 2	0,078 in.
● 1,8		
● 1,7	● 1,7	0,066 in.
● 1,6		
● 1,4	● 1,4	0,055 in.
● 1,25		
● 1,18	● 1,18	0,045 in.
● 1,12		
● 1	● 1	0,039 in.

FILTRA VIBRACIÓN
C/ Bronce, 1-3 . Pol. Ind. Les Guixeres
08915 - Badalona - Barcelona (SPAIN)

Telf: +34 933 956 739
Email: filtra@lutra.com
Web: filltra.com