



FITALLOY TECHNOLOGY

EXTRUDER SCREEN





ABOUT US

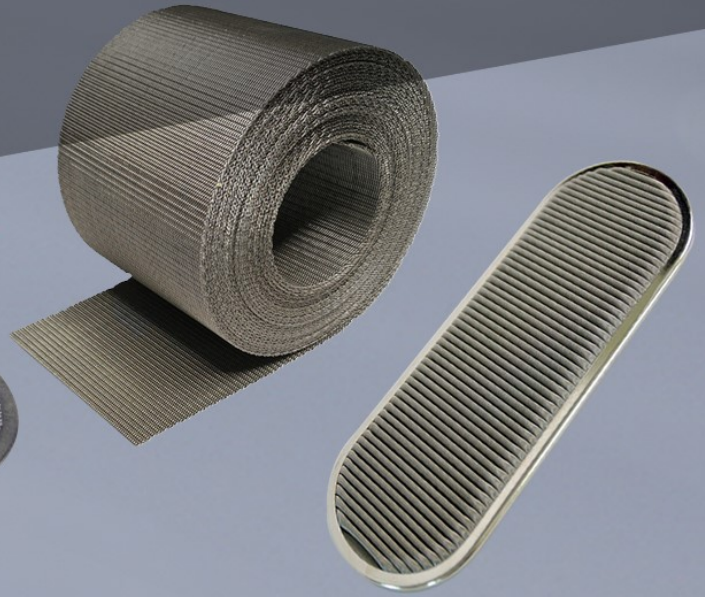
Fitalloy Technology Limited

Fitalloy is an advanced metal filter elements manufacturer & supplier, with more than 20 years of experience. We have introduced the state of art machines and employed experienced technicians to supply high-performance, innovative materials, and solutions for applications in filtration and separation. Our products include:

- | Sintered Mesh Filter
- | Sintered Plate Filter
- | Pleated Metal Filter
- | Sintered Fiber Felt
- | Polymer Filter Elements
- | Polymer Leaf Disc
- | Polymer Extruder Screen
- | Sintered Powder Filter
- | Asymmetric Sintered Metal Filter
- | Hot Gas Filtration Elements
- | Filter Leaf
- | SPL Filter

Our products are widely used in numerous industries including aerospace, oil and gas, petrochemical, water, mine, polymer, food & beverage, automotive, and many other filtration and separation industries. With so many applications, we have built the R&D, design, machining, sales, and quality control departments. With the design and tailored solutions, we then translate them into high-level products. And our team has been learning about the forefront of filtration technology from industrial leading companies. Here customers could get high-quality products at an economic price!

EXTRUDER SCREEN



Extruder screen also named pack screen, is used for virgin plastic, recycled plastic and blown film. The plastic material is pellet form, then with the process of melting and filtration to go into next step. Our extruder screen mesh is used in this operation to assure the melt is clean and pure.

MATERIAL	Iron steel, stainless steel, nickle-alloy, galvanized steel, brass and so on
LAYERS	Single layer or multiple layers
SHAPE	Circular, oval, rectangular, kidney-shape, and other customized shape
DIMENSION	Round disc diameter 20-900mm , with or without rim binder
KIDNEY-SHAPED SCREENS	2.5" × 3" to 3.5" × 6.5"
RIM BINDER MATERIAL	Aluminum, stainless steel, iron steel or copper



Single layer of extruder screen



Screen packs with several layers point welded

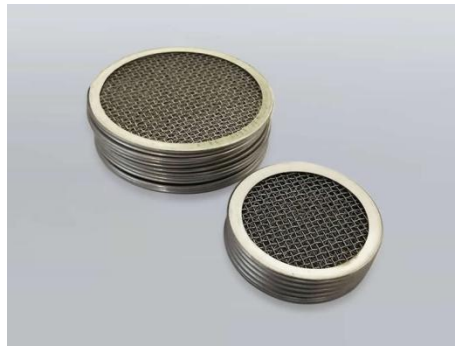
Applications:

- ✓ Plastic yarn and fiber, such as polyester, polypropylene, Nylon, Acrylic, and so on
- ✓ Oil and fuel filtration
- ✓ Chemical industry
- ✓ Pharmaceutical industry
- ✓ BOPP film lamination industry
- ✓ Monofilament industry
- ✓ Blown film industry
- ✓ Recycled plastic industry

- ✓ Polypropylene Spun bonded Non-woven Fabrics



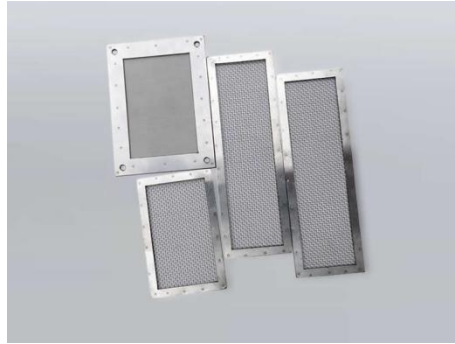
Screen pack spot welded with metal rings



Screen packs framed with metal binder



Screen packs with pleated mesh

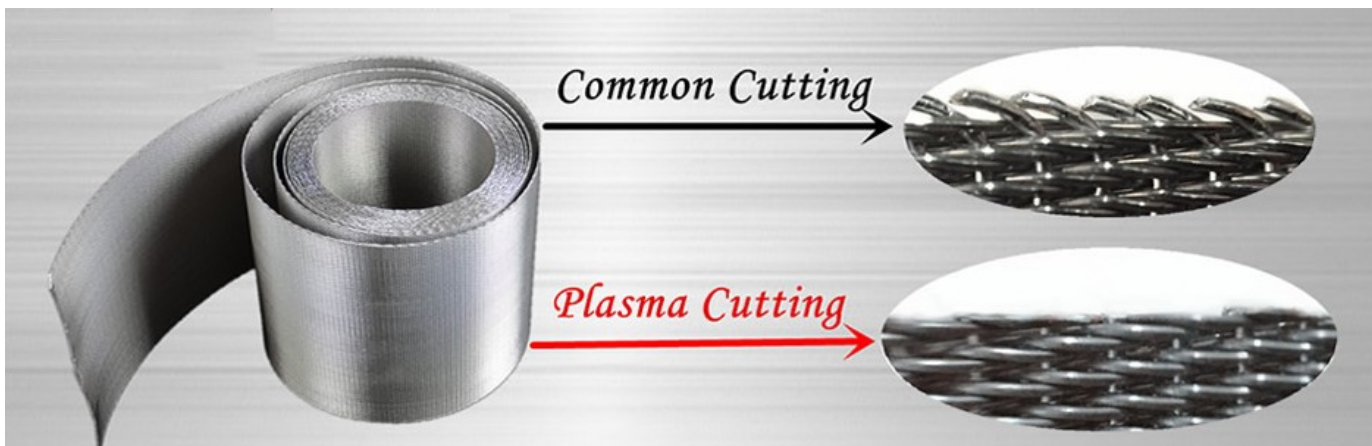


Customized screen packs with frame



STANDARD EXTRUDER SCREEN SPECIFICATION - WOVEN MESH LAYERS

Code	MESH	WIRE DIA. MM	WIRE DIA. INCH	APERTURE SIZE MM	APERTURE SIZE INCH	OPEN AREA %
EXS-PW010071	10 X 10	0.711	0.028	1.829	0.072	51.8
EXS-PW014046	14 X 14	0.457	0.018	1.357	0.053	55.9
EXS-PW016046	16 X 16	0.457	0.018	1.131	0.045	50.7
EXS-PW020056	20 X 20	0.559	0.022	0.711	0.028	31.4
EXS-PW020048	20 X 20	0.457	0.018	0.813	0.032	41
EXS-PW024038	24 X 24	0.376	0.015	0.682	0.027	41.4
EXS-PW030038	30 X 30	0.376	0.015	0.531	0.021	34.2
EXS-PW030031	30 X 30	0.31	0.012	0.536	0.021	40
EXS-PW040027	40 X 40	0.274	0.011	0.361	0.014	32.3
EXS-PW050019	50 X 50	0.193	0.008	0.335	0.013	43.6
EXS-PW060019	60 X 60	0.193	0.008	0.23	0.009	29.8
EXS-PW080012	80 X 80	0.122	0.005	0.196	0.008	37.9
EXS-PW100010	100 X 100	0.102	0.004	0.152	0.006	36
EXS-PW120009	120 X 120	0.091	0.004	0.12	0.005	31.8
EXS-PW150007	150 X 150	0.071	0.003	0.088	0.003	29.6
EXS-PW200005	200 X 200	0.05	0.002	380.077	0.003	36.76
EXS-PW250004	250 X 250	0.04	0.002	0.062	0.002	36.76
EXS-TW300040	300 X 300	0.04	0.002	0.045	0.002	27.83
EXS-TW325035	325 X 325	0.035	0.001	0.043	0.002	30.49
EXS-TW400028	400 X 400	0.028	0.001	0.036	0.001	31.25
EXS-TW500025	500 X 500	0.025	0.001	0.026	0.001	25.79



Specification of Filter Mesh Belt (Reversed dutch weave filter belts)

Code	Mesh Count/Inch		Wire Diameter		Filtration	Width	Length per Roll
	Warp	Weft	Warp(mm)	Weft(mm)	(um)	(mm)	(m)
EXS15-048010	48	10	0.5	0.05	400	97-400	10/20
EXS15-072015	72	15	0.45	0.55	250	97-400	10/20
EXS15-132014	132	14	0.355	0.45	250	97-400	10/20
EXS15-132018	132	18	0.355	0.45	200	97-400	10/20
EXS15-152024	152	24	0.27	0.4	130	97-400	10/20
EXS15-260040	260	40	0.150	0.25	75	97-400	10/20
EXS15-320040	320	40	0.15	0.3	55	97-400	10/20
EXS15-400120	400	120	0.06	0.1	60	97-400	10/20



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