

Inborn FilterTM

INDUSTRIAL FILTER ELEMENT

MANUFACTURE, CUSTOM & DESIGN















Inborn FilterTM
HYDRAULIC FILTER

Industrial Filter Element Catalog

Manufacture, Custom & Design

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About

Yinbeier & Inborn FilterTM

Yinbeier manufactures a complete line of **replacement filter element** for industrial production



Hengshui Yinbeier Hydraulic Filter Co., Ltd. established in 2003 and began with producing and researching hydraulic filter elements. During years of researching and development, we have grown into a professional company, which is specialized in manufacturing, designing and customizing industrial filter element for customers from all over the world.

We have more than 10 production lines which cover hydraulic oil, air dust, water, compressed air, fuel and coolants industrial filter elements.

We brought in more than 200 sophisticated equipment and the annual output is more than 100 millions filter elements, which can satisfy the large and urgent orders of our customers.

We have more than 500 workers until now. And the company regularly organize training and assessment to ensure that all staff are in the best condition and can get the latest technology and skills.



23+

23 Years Experience



1.48 M

1.48 M Registered Capital



3000+

3000+ filter elements



500+

500+ workers



1000+

1000+ square meters
workshop



10+

10+ R&D Staffs



800+

800+ Design &
Custom Records



200+

200+ Customer
Countries & Regions



20,000+

20,000+ Annual Output

Company History

Present

Formed a professional foreign trade team, established a special foreign trade brand.

Products are exported to Kazakhstan, the United States, Indonesia and other countries

2017

Special Contributions

2015

Passed ISO 9001 and CE certification

2012

Build "Inborn FilterTM" Brand

2011

Local well-known companies

2009

Member of Anti-Counterfeiting Association

2005

Determined company development and product marketing directions

2003

Establishment



Industrial Hydraulic Filter Element

Guarantee high output and efficiency in industrial production

Filter element plays important roles in hydraulic system. They can help to supply pure hydraulic oil, guarantee the normal working of hydraulic system and contributes to high production efficiency and reduce downtime and costs.



Air
filter elements

Suction line
filter elements

Pressure line
filter elements
*(low, medium and high
pressure filter elements)*

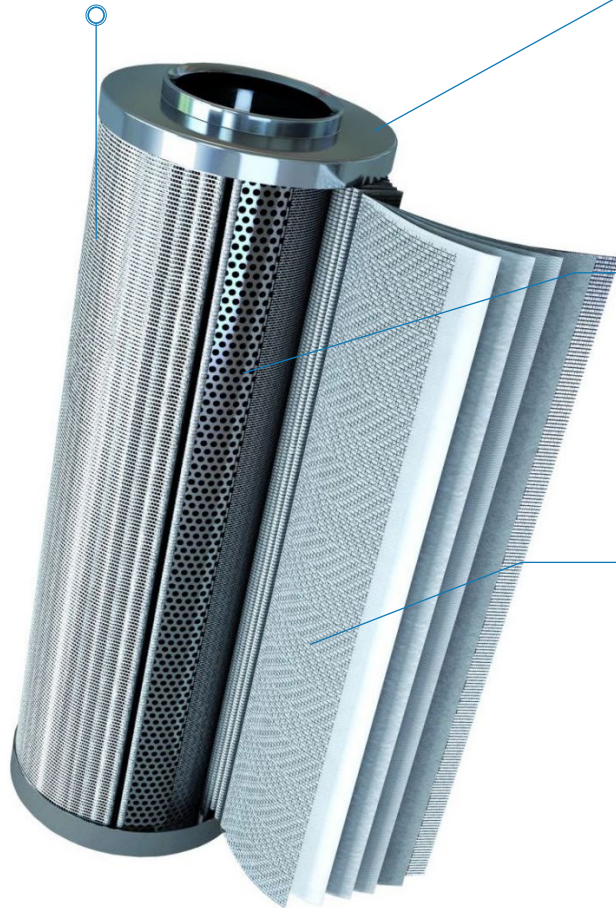
Return line
filter elements

Different applications uses one or other combined filter elements for production filtration.



Optional

Some hydraulic filter elements have additional outer support layer to withstand the high pressure and extend elements service life.



End Plates

It have top and bottom end plates to combine the whole filter elements together and easy assembly to equipment and pipelines. The end plates are commonly made of galvanized or plastic plates.

Inner support

Most hydraulic applications have a large pressure differential across its elements, so it need the inner support tube to increase the collapse resistance. The inner support tubes are commonly carbon steel or stainless steel perforated metal tubes.

Filtration materials

This is the main filtering material to increase the surface area and filtration efficiency. The filtering materials have different types:

- (1) Microglass fibers.
- (2) Filter papers.
- (3) Stainless steel wire mesh
- (4) Sintered stainless steel media.

Technical Data

- Filter material: glass fiber, filter paper, stainless steel wire mesh, sintered stainless steel meshes.
- Filtration accuracy: 1 μm to 200 μm
- Working pressure: 10 bar to 420 bar
- Working temperature: -30 $^{\circ}\text{C}$ to 100 $^{\circ}\text{C}$
- Sealing material: nitrile, viton, and other on request.
- End design: single or double open end, bypass valve with opening pressure options.

Benefits

- Remove contaminants in hydraulic system.
- Guarantee better fluid cleanliness
- Reduce the shutdown time and cycle.
- Save production time, improve production efficiency.
- Protect hydraulic system components such as fittings, hoses, valves, pumps, from contaminants.
- Extend components and equipment service life.
- Reduce equipment maintenance cycle and cost.
- Save replacement filter elements than the original brands.



Replacement Filter Elements



Yinbeier manufactures a complete line of replacement filter element for industrial production, our Inborn Filter™ are functionally and dimensionally interchangeable with industrial OEM filter manufacturer elements.

■ Manufacturer # □ Yinbeier #

SOMMA	cch0032d1	cch0032v1	cch003td1	cch003tv1	cch151ft1	cch151fd1	cch151fv1
	xxs3375w2	xxs3375e2	xxs337gw2	xxs337ge2	xxs282ug2	xxs282uw2	xxs282ue2
	cch151cd1	cch151cv1	cch151mv1	cch151ms1	cch1512t1	cch1512d1	...
	xxs282xw2	xxs282xe2	xxs282ne2	xxs282nh2	xxs2825g2	xxs2825w2	...
LEEMIN	GX-10×3	GX-10×5	GX-10×10	GX-10×20	GX-10×30	GX-10×40	GX-25×3
	TC-23×7	TC-23×8	TC-23×23	TC-23×53	TC-23×73	TC-23×63	TC-58×7
	GX-25×5	GX-25×10	GX-25×20	GX-25×30	GX-25×40	GX-40×3	...
	TC-58×8	TC-58×23	TC-58×53	TC-58×73	TC-58×63	TC-63×7	...
STAUFF	AD033B40B	LS003A05B	LS005A05B	LS008A05B	LS014A05B	LS020A05B	...
	ZW377Y63Y	OH337Z38Y	OH338Z38Y	OH339Z38Y	OH326Z38Y	OH353Z38Y	...
Parker	TXW13R-3-B	TXW13R-3-V	TXW13R-6	TXW13R-6-B	TXW13R-6-V	TXW13R-CC10	...
	GCD271-7-Y	GCD271-7-E	GCD271-0	GCD271-0-Y	GCD271-0-E	GCD271-XX23	...
PALL Pall Corporation	HC8400FUP39H	HC8500FKP8Z	HC8500FDS26Z	HC8700FKZ4Z	HC8400FUN39H	HC8500FKN8Z	...
	SX9633UFK71S	SX9833UPK9A	SX9833UWH50A	SX9433UPA6A	SX9633UFM71S	SX9833UPM9A	...
VICKERS	V0112B2C03	V0112B2C05	V0112B2C10	V0112B2C20	V0112RB2C03	V0112RB2C05	...
	E3225Y5X37	E3225Y5X38	E3225Y5X23	E3225Y5X53	E3225Y5X37	E3225Y5X38	...
Donaldson Filtration Solutions	P566449	P566371	P566369	P167186	P566211	P566338	...
	K800661	K800742	K800701	K204290	K800522	K800779	...
HYDAC	0030D02	0030D003BN/HC	0030D005BN/HC	0030D010BN/HC	0030D020BN/HC	0060D	...
	3373W35	3373W337YM/SX	3373W338YM/SX	3373W323YM/SX	3373W353YM/SX	3303W	...
MAHLE	PI1111MIC10	PI1015MIC25	PI8130DRG10	PI8530DRG100	PI1130MIC10	PI1030MIC25	...
	KR2222NRX23	KR2328NRX58	KR9273WIT23	KR9873WIT233	KR2273NRX23	KR2373NRX58	...
BALDWIN FILTERS	PT714	PT708-HD	PT707-HD10	PT694	PT691	PT685-MPG	...
	KG426	KG439-SW	KG434-SW23	KG016	KG012	KG098-NKT	...
WIX FILTERS	51058	51140	51194	51197	51204	51294	...
	82389	82263	82216	82214	82536	82516	...
Rexroth Bosch Group	R928005614	R928005615	R928005616	R928005617	R928005618	R928005619	...
	I159338026	I159338028	I159338020	I159338024	I159338029	I159338021	...
MP FILTRI	MP3116	MP3152	MP3188	MP3224	MP3117	MP3153	...
	NK7220	NK7285	NK7299	NK7556	NK7224	NK7287	...
Schroeder INDUSTRIES	18LS7	18LZ7	39QCLZ1V	39QCLZ10V	39QCLZ25V	39QCLZ3V	...
	29OH4	29OA4	71JXOA2E	71JXOA23E	71JXOA58E	71JXOA7E	...
EPE Filters - Accumulators	10005G100A000P	10005G10A000P	10005G25A000P	10005G40A000P	10005G60A000P	10005G80A000P	...
	23338T233Z333K	23338T23Z333K	23338T58Z333K	23338T63Z333K	23338T03Z333K	23338T93Z333K	...
	P3501210U	P3501310U	P3502210U	P3502310U	P351A0310U	P351A0360W	...
	K7832523F	K7832723F	K7835523F	K7835723F	K782Z3723F	K782Z3703D	...



Manufacturer # Yinbeier #

MANN+HUMMEL	4500353106	4500453106	4500653106	4500953105	4500955115	4501255105	4502155104
	6833787230	6833687230	6833087230	6833187238	6833188228	6832588238	6835288236
	4930152101	4930152102	4930152311	4930152321	4930153101	4930154111	...
	6173285232	6173285235	6173285722	6173285752	6173287232	6173286222	...
internormen technology	01E9016VG30EP	01E9010P30EP	01E9003VGHREV	01E90010VGHREP	01E63110VG16SV	01E6003VGHREP	01E3606VGHREP
	32V1320ET73VK	32V1323K73VK	32V1337ETSIVE	32V13323ETSIVK	32V07223ET20HE	32V0337ETSIVK	32V7030ETSIVK
	01E33010VG16SP	01E303VG30EP	01E24010VGHREV	01E21010VG16SP	01E17010VG30EV	01E15016VGHREP	...
	32V77323ET20HK	32V737ET73VK	32V56323ETSIVE	32V52323ET20HK	32V24323ET73VE	32V28320ETSIVK	...
HY-PRO FILTRATION	HP16RNL525WB	HP170L1012MV	HP16RNL512MB	HP16RNL512MSB	HP16RNL525MB	HP170L1025WB	HP170L525WV
	SK20IMO858DY	SK243O2325NE	SK20IMO825NY	SK20IMO825NHV	SK20IMO858NY	SK243O2358DY	SK243O858DE
	HP75L810CB	HP74L812MB	HP74L412MB	HP66L825MB	HP66L136MV	HP65L266MV	...
	SK48O923XY	SK46O925NY	SK46O625NY	SK00O958NY	SK00O270NE	SK08O500NE	...
ARGO HYTOS	P3.0833-01	V3.0520-03	V3.1060-16	V3.0520-16	V3.1449-53	V3.0510-06	V7.1235-53
	K7.3977-32	E7.3853-37	E7.2303-20	E7.3853-20	E7.2661-87	E7.3823-30	E4.2578-87
	V3.0724-06	K3.0718-56	V3.0623-18	P3.0714-01	S2.0920-05	V2.0923-07	...
	E7.3456-30	P7.3429-80	E7.3057-29	K7.3426-32	H5.3153-38	E5.3157-34	...
fluitek CORPORATION	FLK0200184	FLK0201115	FLK0201314	FLK0201337	FLK0201891	FLK0202246	FLK0202354
	UOP3533296	UOP3532228	UOP3532726	UOP3532774	UOP3532912	UOP3535560	UOP3535786
	FLK0202362	FLK0202483	FLK0202485	FLK0204608	FLK0205670	FLK0206827	...
	UOP3535705	UOP3535697	UOP3535698	UOP3536039	UOP3538043	UOP3530954	...
Triple R	TR-20430	TR-20230	TR-20330	TR-20000	TR-20270	TR-20370	TR-20470
	GI-53673	GI-53573	GI-53773	GI-53333	GI-53543	GI-53743	GI-53643
	TR-25250	TR-25350	TR-25450	TR-25470	TR-25480	TR-20125	...
	GI-58583	GI-58783	GI-58683	GI-58643	GI-58693	GI-53258	...
FILTREC	D650G25B	D650G10B	D650G06B	D650C03AV	D632G03	D630G06	D622G25V
	W083T58Y	W083T23Y	W083T30Y	W083X37ZE	W075T37	W073T30	W055T58E
	D622G03	D620G25V	D620G01V	D616G01	D614G03V	D612G10V	...
	W055T37	W053T58E	W053T32E	W020T32	W026T37E	W025T23E	...
BOLLFILTER Protection Systems	1143103	10997730	1980084	1943048	1940990	1940971	...
	2267237	23114473	2193396	2167369	2163113	2163142	...
KALMAR	9210970001	9216890009	9216890007	9230710001	9236360383		
	1523143332	1520913331	1520913334	1573423332	1570703797		
MAGSEY FERGUSON	371912793	1469597M1	3615949M2				
	742125417	2601814N2	7028161N5				
KATO	68934401001	68937310010	ME064356				
	09176632332	09174723323	NV306780				
Linde	0009831645	0009830633					
	3331972068	3331973077					
LIUGONG	53C0066						
	87X3300						

Engineering Machinery Filter Elements

Oil, Fuel & Air Filter Elements

Engineering machinery filter elements mainly include air, oil and fuel filter elements. They can help to protect the core components of engineering machinery, save labors, reduce downtime, speed up construction schedule and guarantee the construction quality.



Oil filter element

effectively filter impurities in the oil, reduce the oil flow resistance, ensure lubrication, and minimize the wear of each component in the process of operation.



Fuel filter elements

are used to filter impurities (dust, iron filings, metal oxides and oil sludge) in the fuel, protect fuel system from blocking, improve combustion efficiency and ensure the stable operation of engine.



Air filter

locates at the intake system of engine. It can effectively purify the air entering the cylinder, reduce the early wear of cylinder, piston, piston ring, valve and valve seat and assure the normal operation and power output of engine.

Applications

The filter element is widely used in hydraulic forklift, excavator, bulldozer, big forklift, pile driver, all kinds of drilling machines, cement transport truck, cement mixing truck, crane and other construction machinery hydraulic system





Replacement Filter Elements



Yinbeier manufactures a complete line of replacement filter elements for engineering machinery, our Inborn Filter™ are functionally and dimensionally interchangeable with industrial OEM filter manufacturer elements.

■ Manufacturer # □ Yinbeier #

MANN FILTER	BF700x	BF707	BF811	BF900x	BFU700x	BFU707	BFU811
	YU433c	YU434	YU922	YU133c	YUF433c	YUF434	YUF922
	BFU900x	C11100	C11103	C11120	C11401	C11455	C1150
	YUF133c	X22233	X22237	X22253	X22632	X22688	X2283
	C11763	C1184	C1188	C1189	C12100	C12102	C12104
	X22407	X2296	X2299	X2291	X25233	X25235	X25236
	C12107	C12114	C12133	C121781	C1245	C1281	...
	X25234	X25226	X25277	X252492	X2568	X2592	...
Cammins	AF857	AF351K	AF928M	AF879	AF880	AF891M	AF899M
	ZU984	ZU782P	ZU159N	ZU941	ZU993	ZU912N	ZU911N
	AF955	AF1867	AF25738	AF25739	AF25452	AF25453	AF25277
	ZU188	ZU2904	ZU58479	ZU58471	ZU58685	ZU58687	ZU58544
	AF25270	AF25277.	LF3325	LF3784	LF16013	LF3812	...
	ZU58543	ZU58544.	OU7758	OU7496	OU20327	OU7925	...
CAT	W-2660	1R-0716	7N-7500	4P-2839	1R-0710	1R-0712	1R-0739
	D-5003	2I-3420	4M-4833	6K-5971	2I-3423	2I-3425	2I-3471
	9N-3366	133-5673	131-8822	131-8821	6I2503	6I2504	6I2505
	1M-7700	277-8047	272-9955	272-9952	0R5837	0R5836	0R5838
	6I2506	6I2507	6I2508	6I2509	6I2510	7Y-1322	...
	0R5830	0R5834	0R5839	0R5831	0R5823	4B-2755	...
Fleetguard	FF5327	FF5108	FF5321	FF5089	FS1212	FF5367	FF5304
	UU8754	UU8239	UU8752	UU8391	UH2525	UU8704	UU8736
	FF5052	FF185	FS1280	FF5018	FF5320	FF5076	FS19531
	UU8385	UU298	UH2593	UU8329	UU8753	UU8340	UH21872
	HF28943	FS19732	FF5135	FF5421	LF16015	FF-105	...
	SU59167	UH21475	UU8278	UU8652	OU20328	UU-238	...
KOMATSU	6114-80-7100	600-185-4110	600-185-4120	6125-857032	600-181-4212	LF777/3889311	WF2053
	0226-93-4233	033-298-6223	033-298-6253	0258-984375	033-292-6525	OU444/7991722	DU5387
	6131-82-7011	6115-81-7602	600-181-6740	600-181-6050	600-185-3100	600-181-9460	600-181-9500
	0272-95-4322	0228-92-4035	033-292-0463	033-292-0383	033-298-7233	033-292-1603	033-292-1833
	600-181-6340	600-211-6240	600-311-9121				
	033-292-0763	033-522-0563	033-722-1252				
Donaldson Filtration Solutions	P164378	P171579	P171607	P171612	P171745	P550519	P553771
	K206749	K242841	K242034	K242025	K242468	K883821	K887442
	P554005	P606121					
	K886338	K030252					

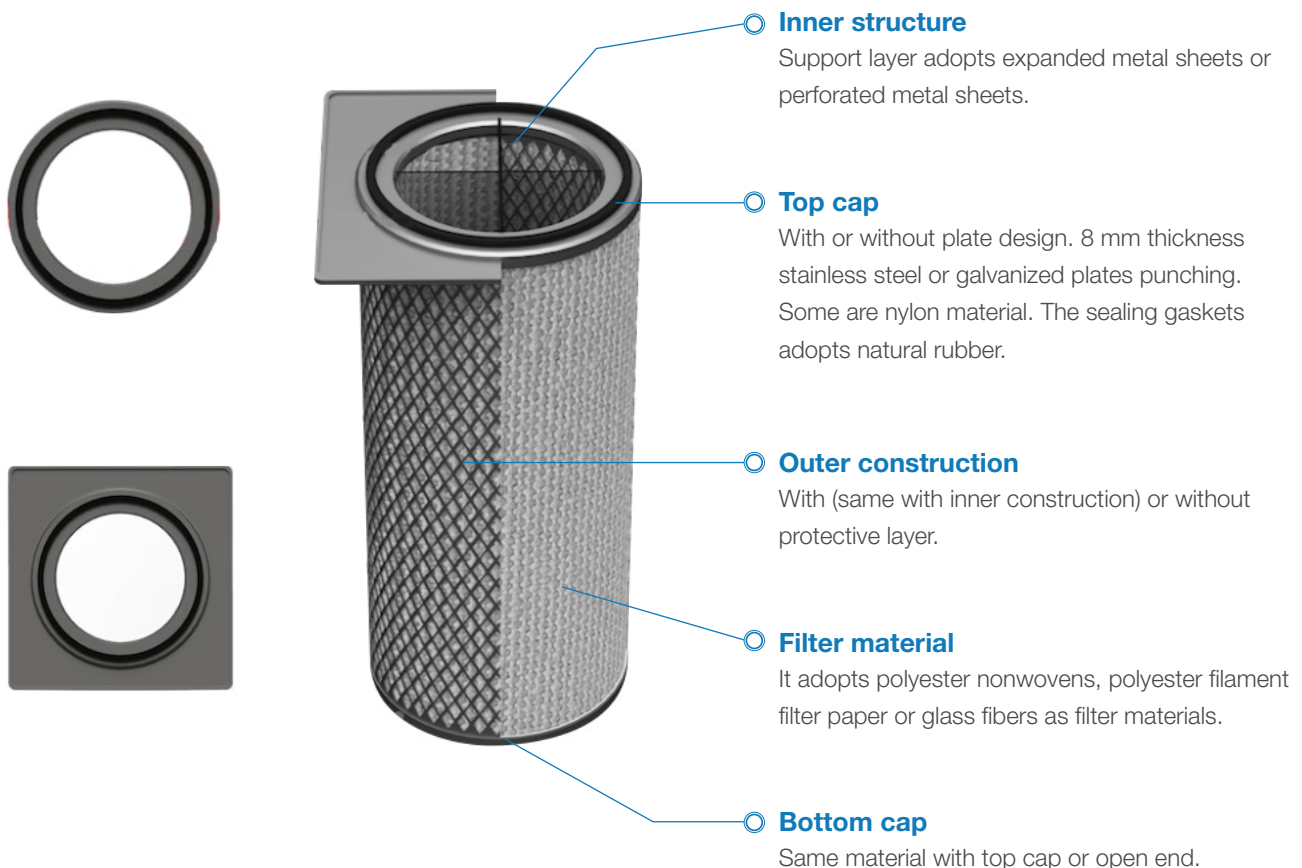
Air Dust Filter Elements

Cartridges, Bags & Panels for Efficient Filtration

Air dust filter elements are used in various dust collectors for good air quality inside a production facility and are ideally suited for fine dust applications are available in a variety of medias. Our air dust filter elements are robust and long-lasting to save maintenance and replacement costs and achieve better system performance at a greater value.

Air Dust Filter Cartridge

It is generally used in different models of dust collectors. Cartridge collectors are modular, compact industrial air filtration systems engineered to capture fine dust particulate.





Air Dust Panel Filter

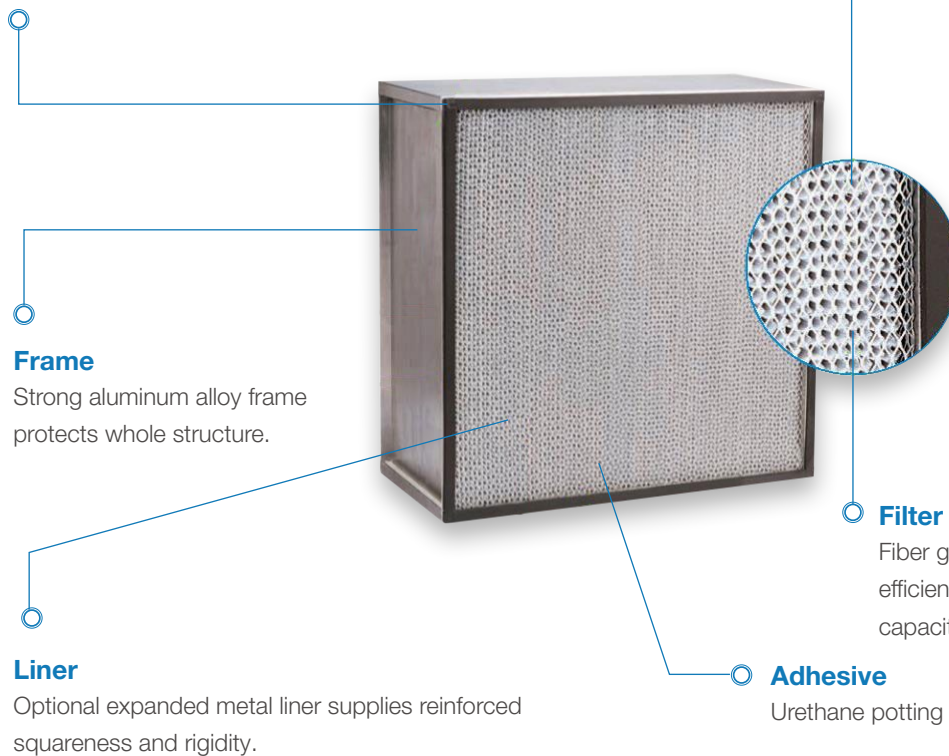
HEPA and 95% DOP industrial air panel filters are used as primary filters in less severe applications or as afterfilters for heavy dust, fume, and mist collection. HEPA filters provide high filtration efficiency of 99.97% on 0.3 microns particles and 95% on 0.3 micron particles for DOP panel filter.

Gasket

Hard-wearing polyurethane or rubber gasket prevents scratches on the frame.

Separator

Aluminum corrugated sheet creates uniform flow channels.



Frame

Strong aluminum alloy frame protects whole structure.

Filter material

Fiber glass or filter paper supplies high efficient filtration, high dust holding capacity and low resistance.

Liner

Optional expanded metal liner supplies reinforced squareness and rigidity.

Adhesive

Urethane potting compound for firm attachment.

Bag Filter

Bag Filter is the most commonplace type of air filter. It can deliver high air flow and dust retention capacities in a format requiring little space as the filter is packed for transportation. Filters are available in various executions with filter media and frame alternatives which can be customized to satisfy the operational conditions and requirements in you specific ventilation unit.





Replacement Filter Elements



Yinbeier manufactures a complete line of Filter Elements for air dust filtration, our Inborn Filter™ are functionally and dimensionally interchangeable with industrial OEM filter manufacturer elements.

■ Manufacturer # □ Yinbeier #

	P777759	P777524	P776623	P781352	P102745	P775756	P121240
	K444481	K444856	K440057	K492785	K235468	K448480	K252563
	P148970	P775688	P123065	P526801	P148113	P778339	P775300
	K269143	K448099	K257308	K850932	K269227	K449771	K448733
	P782300	P610904	P831079	P534885	P822769	P542711	P829332
	K495733	K023136	K972341	K876998	K955401	K865422	K951775
	P601476	P536941	P112212	P607265	P780012	P541582	P131394
	K032640	K870162	K225525	K034508	K493325	K862895	K272716
	P770735	P119791	P119410	P784850	P770908	P770960	P775373
	K443478	K221412	K221623	K496983	K443139	K443103	K448747
	P775457	P124767	P127787	P114500	P610489	P783731	P133702
	K448684	K256404	K254494	K226833	K023691	K497472	K277435
	P822686	P606271	P549277	P778131	P776694	P539242	...
	K955090	K030542	K861544	K449272	K440016	K871565	...
HITACHI	4146919	4146999	4208630	HJ4146999	L4146999	X4146999	X4208630
	6260121	6260111	6539073	SQ6260111	O6260111	C6260111	C6539073
CAT	995801	3I0821	3I1454	9Y6845	STS059		
	118932	7R3952	7R2686	1B0968	HGH381		
CASE II	D8NN9618AA	D8NN9B618AA	S238646	XN386735			
	W9MM1029ZZ	W9MM1Y029ZZ	H579060	CM790478			
CARQUEST	88712	88722	88738				
	99425	99455	99479				
BALDWIN FILTERS	PA2688	PA3932					
	KZ5099	KZ7175					
HASTINGS PREMIUM FILTERS	AF701	AF722					
	ZU432	ZU455					
IR Ingersoll Rand	35300375	58800137					
	78733748	89933274					
Kawasaki	3098170360	YYP182176					
	7319243703	BBK295240					
Asahi	A3361A	IA3361					
	Z7702Z	RZ7702					
BIG A	94712	94722					
	16425	16455					
DYNAPAC	499386	4700499386					
	611790	6433611790					

Air Compressor Filter Elements

Filter Elements of Air, Oil & Separator in Air Compressor

Air compressor filter element are vital part in air compressor system. It help to supply pure compressor air, supply enough power, reduce downtime and guarantee the normal operation of whole equipment.



Air intake filter elements

They are installed at the intake of air compressor and are used to filter particles in the gas and protect screw rotor from abrasion and prevent blocking of oil filter and oil and gas separator filter.



Oil filter

It is used to eliminate the particles, impurities, carbon deposition metal filings in the lube oil and guarantee the normal operation of air compressor.



Oil and gas separator

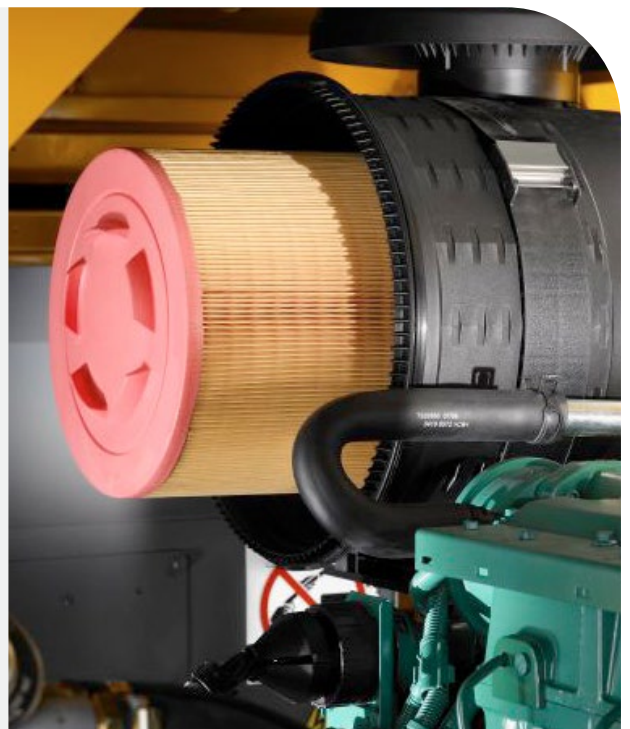
It can eliminate the tiny oils entrained in the compressor air, purify compressor air and improve compressor air quality.

Applications

The air compressor filter elements can be used in both double screw rod air compressor and reciprocating compressor.

And they are widely used in various fields, such as:

- Metal surface treatment (polish and sand blasting)
- Seawater desalination
- Waste water treatment
- Conveying system in food and drinking industries
- Coal mine exploring
- Natural gas and petroleum exploring
- Hardware industry
- Laser cutting
- Agriculture





Replacement Filter Elements



Yinbeier manufactures a complete line of replacement filter elements for air compressor, our Inborn Filter™ are functionally and dimensionally interchangeable with industrial OEM filter manufacturer elements.

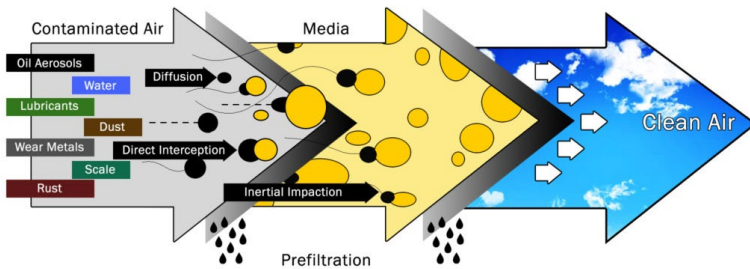
■ Manufacturer # □ Yinbeier #

	54672654/B	54672654	92740950	42888198	39911631	39856836	42843797
	86045086/Y	86045086	15463183	65999219	71122072	71980970	65967414
	92710706	99274060	99246092	92740943	39911615	54565442	92754696
	15423430	11546303	11560315	15463167	71122028	86808665	15486010
	92722750	39831885	42545368	39737473	92871326	39863857	...
	15455483	71972998	65868709	71474647	15942750	71907984	...
	1612386900	1622086100	1613750200	1622314000	1622007900	1613692100	1621938600
	2025790133	2055390233	2027483533	2055726333	2055334133	2027015233	2052179033
	1622062301	1622087100	1614704800	2252631300	2903033700	1513005800	1614905600
	2055305732	2055394233	2026436933	5585072733	5137377433	2827338933	2026138033
	1030107000	2906056400	1613740700	1613688000	1622365280	1513033700	...
	2373234333	5130380633	2027463433	2027099333	2055708593	2827377433	...
	13088474	00587374	98262192	98262174	98262.119	C111581014	9826223
	27399646	33894746	19505215	19505246	19505.221	X222892326	1950557
	98262135	98262120	98262-220	98262.84	98262102	10525274	13010174
	19505278	19505253	19505-553	19505.96	19505235	23858546	27323246
	100006374	11380674	10882574	29504376			
	233330746	22793046	23995846	51836740			
	68562431	68562432	68563045	68562224	68562429	68562815	250025-525
	09805672	09805675	09807368	09805556	09805651	09805928	583358-858
	42445	250034-112	88290007-018	88290005-050	88290006-440	88290011-202	88290012-001
	65668	583376-225	99513334-329	99513338-383	99513330-663	99513322-535	99513325-332
	88290011-067	02250157-044	88290005-594	88290004-839	88290005-013	88290005-462	...
	99513322-304	35583284-366	99513338-816	99513336-971	99513338-327	99513338-605	...
	71121111-48020	91008-22	71121311-46910	91101-020	91111-002	71134-66010	2116040007
	42252222-69353	12339-55	42252722-60123	12232-353	12222-335	42276-00323	5220363334
	2116040010	2116040014	2116040027	2116040078	2116040080	2116049994	2116049996
	5220363323	5220363326	5220363354	5220363349	5220363393	5220361116	5220361110
	2605540370	2605540670	2605540530	2605541010	2605540810	2605541250	...
	5038863743	5038863043	5038863873	5038862323	5038863923	5038862583	...
	3221121353	DF5005	DB2118	DB2185	2205431900	KLX30-01	2205400005
	7552252787	WU8338	WY5229	WY5298	5538672133	POC73-32	5538633338
	DB2188	LW8149	LW1330	2205267600	2205176607	DP5005	DP5004
	WY5299	OD9261	OD2773	5538504033	5538240034	WK8338	WK8336
	DB2136	LGx170230	DB2132	DB2072	LGX170400	LGX275400	...
	WY5270	OTc243573	WY5275	WY5345	OTC243633	OTC548633	...

Compressed Air Line Filter Element

In-Line Filter Elements/Cartridges Purify Compressed Air

Compressed air line filter element is widely used in compressor air system and installed front and back of drying machine to effectively filter out the oil, water, tiny particles and other containment in the compressor air and guarantee the cleanliness of compressor air.



Functions

In-line filter elements are installed front and back of dryers in compressed air system, they can help:

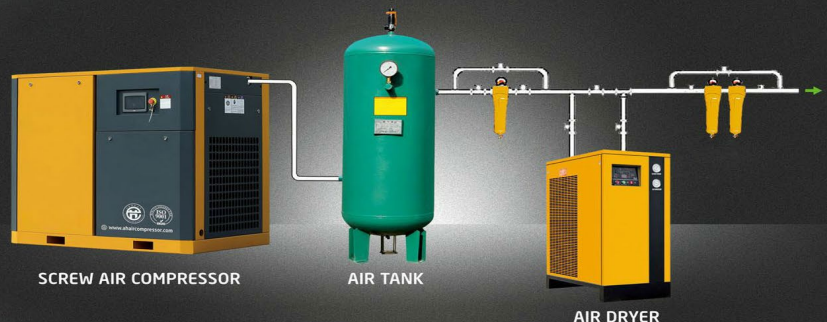
- Remove oil, water and other contaminants from compressed air and supply high quality compressed air.
- Protect pipes, valves and pneumatic components.
- The in-line filter elements are manufactured from epoxy resin and fibers without silicon resin, which can minimize the pressure drop by 40%.
- Low maintenance cost and low consumption

Where Line Filter cartridges are Used for?

The line filter cartridges are installed at the front and back of the dryers in compressed air system, including Regenerative desiccant dryers and refrigerated dryers.

They are widely used in::

- Electronic component manufacturing
- Spraying system
- Food and drinking conveying system.
- Pharmaceutical manufacturing





Replacement Filter Elements



Yinbeier manufactures a complete line of replacement filter elements for air dryers, our Inborn Filter™ are functionally and dimensionally interchangeable with industrial OEM filter manufacturer elements.

■ Manufacturer # □ Yinbeier #

	PE02/05	PE03/05	PE03/10	PE04/10	PE04/20	PE05/20	PE05/25
	KV35/38	KV37/38	KV37/23	KV36/23	KV36/53	KV38/53	KV38/58
	PE07/25	PE05/30	PE07/30	PE10/30	PE15/30	PE20/30	PE30/30
	KV34/58	KV38/73	KV34/73	KV23/73	KV28/73	KV53/73	KV73/73
	PE30/50	SB02/05	SB03/05	SB03/10	SB04/10	SB04/20	SB05/20
	KV73/83	HY35/38	HY37/38	HY37/23	HY36/23	HY36/53	HY38/53
	SB05/25	SB07/25	SB05/30	SB07/30	SB10/30	SB15/30	...
	HY38/58	HY34/58	HY38/73	HY34/73	HY23/73	HY28/73	...
	AM-EL150	AM-EL250	AM-EL350	AM-EL450	AM-EL550	AM-EL650	AM-EL850
	ZN-VO283	ZN-VO583	ZN-VO783	ZN-VO683	ZN-VO883	ZN-VO083	ZN-VO983
	AME-EL150	AME-EL250	AME-EL350	AME-EL450	AME-EL550	AME-EL650	AME-EL850
	ZNV-VO283	ZNV-VO583	ZNV-VO783	ZNV-VO683	ZNV-VO883	ZNV-VO083	ZNV-VO983
	AMD-EL150	AMD-EL250	AMD-EL350	AMD-EL450	AMD-EL550	AMD-EL650	AMD-EL850
	ZNW-VO283	ZNW-VO583	ZNW-VO783	ZNW-VO683	ZNW-VO883	ZNW-VO083	ZNW-VO983
	AMH-EL150	AMH-EL250	AMH-EL350	AMH-EL450	AMH-EL550	AMH-EL650	...
ZNS-VO283	ZNS-VO583	ZNS-VO783	ZNS-VO683	ZNS-VO883	ZNS-VO083	...	
	E1-12	E1-16	E1-20	E1-24	E1-28	E1-32	E1-36
	V2-25	V2-20	V2-53	V2-56	V2-59	V2-75	V2-70
	E1-40	E1-44	E1-48	E3-12	E3-16	E3-20	E3-24
	V2-63	V2-66	V2-69	V7-25	V7-20	V7-53	V7-56
	E3-28	E3-32	E3-36	E3-40	E3-44	E3-48	E5-12
	V7-59	V7-75	V7-70	V7-63	V7-66	V7-69	V8-25
	E5-16	E5-20	E5-24	E5-28	E5-32	E5-36	...
	V8-20	V8-53	V8-56	V8-59	V8-75	V8-70	...
	V1030	V1050	V1070	V1140	V2010	V2020	V2030
	E2373	E2383	E2343	E2263	E5323	E5353	E5373
	V2050	V3050	V3075	Z1030	Z1050	Z1070	Z1140
	E5383	E7383	E7348	A2373	A2383	A2343	A2263
	Z2010	Z2020	Z2030	Z2050	Z3050	Z3075	Y1030
	A5323	A5353	A5373	A5383	A7383	A7348	B2373
	Y1050	Y1070	Y1140	Y2010	Y2020	Y2030	...
	B2383	B2343	B2263	B5323	B5353	B5373	...
	K009ACS	K017ACS	K030ACS	K058ACS	K145ACS	K220ACS	K330ACS
	P331ZXH	P324ZXH	P373ZXH	P389ZXH	P268ZXH	P553ZXH	P773ZXH
	K430ACS	K009AA	K017AA	K030AA	K058AA	K145AA	K220AA
	P673ZXH	P331ZZ	P324ZZ	P373ZZ	P389ZZ	P268ZZ	P553ZZ
	K330AA	K430AA	K620AA	K009AO	K017AO	K030AO	K058AO
	P773ZZ	P673ZZ	P053ZZ	P331ZL	P324ZL	P373ZL	P389ZL
	K145AO	K220AO	K330AO	K430AO	K620AO	K009PF	...
	P268ZL	P553ZL	P773ZL	P673ZL	P053ZL	P331KU	...



Manufacturer # Yinbeier #

	ARS-30RB	ARS-100RB	ARS-180RB	ARS-290RB	ARS-460RB	ARS-610RB	ARS-930RB
	ZIH-73IY	ZIH-233IY	ZIH-293IY	ZIH-513IY	ZIH-603IY	ZIH-023IY	ZIH-173IY
	ARS-1050RB	ARS-1400RB	ARS-30RA	ARS-100RA	ARS-180RA	ARS-290RA	ARS-460RA
	ZIH-2383IY	ZIH-2633IY	ZIH-73IZ	ZIH-233IZ	ZIH-293IZ	ZIH-513IZ	ZIH-603IZ
	ARS-610RA	ARS-930RA	ARS-1050RA	ARS-1400RA	ARS-30CA	ARS-100CA	ARS-180CA
	ZIH-023IZ	ZIH-173IZ	ZIH-2383IZ	ZIH-2633IZ	ZIH-73XZ	ZIH-233XZ	ZIH-293XZ
	ARS-290CA	ARS-460CA	ARS-610CA	ARS-930CA	ARS-1050CA	ARS-1400CA	...
	ZIH-513XZ	ZIH-603XZ	ZIH-023XZ	ZIH-173XZ	ZIH-2383XZ	ZIH-2633XZ	...
	DD9	DD17	DD32	DD44	DD60	DD120	DD150
	WW1	WW24	WW75	WW66	WW03	WW253	WW283
	DD175	DD260	DD390	DD520	PD9	PD17	PD32
	WW248	WW503	WW713	WW853	KW1	KW24	KW75
	PD44	PD60	PD120	PD150	PD175	PD260	PD390
	KW66	KW03	KW253	KW283	KW248	KW503	KW713
	PD520	PD780	QD9	QD17	QD32	QD44	...
	KW853	KW493	JW1	JW24	JW75	JW66	...
	ELS-75	ELS-150	ELS-200	ELS-400	ELS-700	ELS-1000	ELS-1300
	VOH-48	VOH-283	VOH-533	VOH-633	VOH-433	VOH-2333	VOH-2733
	ELS-2000	EMS-75	EMS-150	EMS-200	EMS-400	EMS-700	EMS-1000
	VOH-5333	VNH-48	VNH-283	VNH-533	VNH-633	VNH-433	VNH-2333
	EMS-1300	EMS-2000	EKS-75	EKS-150	EKS-200	EKS-400	EKS-700
	VNH-2733	VNH-5333	VPH-48	VPH-283	VPH-533	VPH-633	VPH-433
	EKS-1000	EKS-1300	EKS-2000	EDS-75	EDS-150	EDS-200	...
	VPH-2333	VPH-2733	VPH-5333	VWH-48	VWH-283	VWH-533	...
	Q004	Q007	Q015	Q024	Q035	Q060	Q090
	J336	J334	J328	J356	J378	J303	J313
	Q120	Q150	Q240	P004	P007	P015	P024
	J253	J283	J563	K336	K334	K328	K356
	P035	P060	P090	P120	P150	P240	S004
	K378	K303	K313	K253	K283	K563	H336
	S007	S015	S024	S035	S060	S090	...
	H334	H328	H356	H378	H303	H313	...
	C-001E	C-002E	C-004E	C-007E	C-013E	C-020E	C-030E
	X-332V	X-335V	X-336V	X-334V	X-327V	X-353V	X-373V
	T-001E	T-002E	T-004E	T-007E	T-013E	T-020E	T-030E
	G-332V	G-335V	G-336V	G-334V	G-327V	G-353V	G-373V
	A-001E	A-002E	A-004E	A-007E	A-013E	A-020E	A-030E
	Z-332V	Z-335V	Z-336V	Z-334V	Z-327V	Z-353V	Z-373V
	H-001E	H-002E	H-004E	H-007E	H-013E	H-020E	...
	S-332V	S-335V	S-336V	S-334V	S-327V	S-353V	...

Industrial Water Filter Cartridges

Outstanding Dirt Holding Capacity for Industrial Waters

We can supply various industrial water filter cartridges for industrial water filtration. They have different structures and filtration precision to be used in specific applications, including industrial pre-filtration or RO system, solvent, chemical industry, oil industry, electronic and power industry. They can effectively remove particles and contaminants and purify the industrial waters.

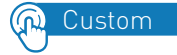


1 High Flow Filter Cartridge

High flow water filter cartridges have multi-layer, fiber-based media to provide high efficiency removal at low micron rating. The featured larger diameter pleated design offers extremely high surface area, allowing for outstanding dirt holding capacity at high flow rates. This can also reduce the quantity of required cartridges, thus reducing the total associated costs.



Replacement Filter Elements



Yinbeier manufactures a complete line of replacement filter element for industrial waters, our Inborn Filter™ are functionally and dimensionally interchangeable with industrial OEM filter manufacturer elements.

■ Manufacturer # □ Yinbeier #

 Pall Corporation	PFTM1-20U-HFJU	PFTM1-40U-HFH13	PFTM1-40U-HFH13U	PFTM1-40U-HFH	PFTM1-40U-HFHU	PFTM1-40U-HFJ	PFTM1-40U-HFJU
	KUGN2-53F-SUQF	KUGN2-63F-SUS27	KUGN2-63F-SUS27F	KUGN2-63F-SUS	KUGN2-63F-SUSF	KUGN2-63F-SUQ	KUGN2-63F-SUQF
	PFTM1-60U-HFH13	PFTM1-60U-HFH13U	PFTM1-60U-HFH	PFTM1-60U-HFHU	PFTM1-60U-HFJ	PFTM1-60U-HFJU	PFTM3-20U-HFH13
	KUGN2-03F-SUS27	KUGN2-03F-SUS27F	KUGN2-03F-SUS	KUGN2-03F-SUSF	KUGN2-03F-SUQ	KUGN2-03F-SUQF	KUGN7-53F-SUS27
	PFTM3-20U-HFH13U	PFTM3-20U-HFH	PFTM3-20U-HFHU	PFTM3-20U-HFJ	PFTM3-20U-HFJU	PFTM3-40U-HFH13	PFTM3-40U-HFH13U
	KUGN7-53F-SUS27F	KUGN7-53F-SUS	KUGN7-53F-SUSF	KUGN7-53F-SUQ	KUGN7-53F-SUQF	KUGN7-63F-SUS27	KUGN7-63F-SUS27F
	PFTM3-40U-HFH	PFTM3-40U-HFHU	PFTM3-40U-HFJ	PFTM3-40U-HFJU	PFTM3-60U-HFH13	PFTM3-60U-HFH13U	PFTM3-60U-HFH
	KUGN7-63F-SUS	KUGN7-63F-SUSF	KUGN7-63F-SUQ	KUGN7-63F-SUQF	KUGN7-03F-SUS27	KUGN7-03F-SUS27F	KUGN7-03F-SUS
	PFTM3-60U-HFHU	PFTM3-60U-HFJ	PFTM3-60U-HFJU	PFTM5-20U-HFH13	PFTM5-20U-HFH13U	PFTM5-20U-HFH	PFTM5-20U-HFHU
	KUGN7-03F-SUSF	KUGN7-03F-SUQ	KUGN7-03F-SUQF	KUGN8-53F-SUS27	KUGN8-53F-SUS27F	KUGN8-53F-SUS	KUGN8-53F-SUSF
	HFU620UY200H4	HFU640UY200H4	HFU660UY200H4	HFU640GF020H	HFU640GF100H1	HFU640GFK100H13	HFU620UY200H4W
	SUF053FB533S6	SUF063FB533S6	SUF003FB533S6	SUF063TU353S	SUF063TU233S2	SUF063TUP233S27	SUF053FB533S6D
	HFU640UY200H4W	HFU660UY200H4W	HFU640GF020H1	HFU640GF100H13	HFU640GFK100H13W	HFU620UY200HW	...
	SUF063FB533S6D	SUF003FB533S6D	SUF063TU353S2	SUF063TU233S27	SUF063TUP233S27D	SUF053FB533SD	...
	HF40PP001A01	HF40PP001B01	HF40PP001C01	HF40PP001D01	HF40PP002A01	HF40PP002B01	HF40PP002C01
	SU63KK332Z32	SU63KK332Y32	SU63KK332X32	SU63KK332W32	SU63KK335Z32	SU63KK335Y32	SU63KK335X32
	HF40PP002D01	HF40PP005A01	HF40PP005B01	HF40PP005C01	HF40PP005D01	HF40PP010A01	HF40PP010B01
	SU63KK335W32	SU63KK338Z32	SU63KK338Y32	SU63KK338X32	SU63KK338W32	SU63KK323Z32	SU63KK323Y32
	HF40PP010C01	HF40PP010D01	HF40PP015A01	HF40PP015B01	HF40PP015C01	HF40PP015D01	HF40PP025A01
	SU63KK323X32	SU63KK323W32	SU63KK328Z32	SU63KK328Y32	SU63KK328X32	SU63KK328W32	SU63KK358Z32
	HF40PP025B01	HF40PP025C01	HF40PP025D01	HF40PP040A01	HF40PP040B01	HF40PP040C01	HF40PP040D01
	SU63KK358Y32	SU63KK358X32	SU63KK358W32	SU63KK363Z32	SU63KK363Y32	SU63KK363X32	SU63KK363W32
	HF40PP070A01	HF40PP070B01	HF40PP070C01	HF40PP070D01	HF60PP001A01	HF60PP001B01	...
SU63KK343Z32	SU63KK343Y32	SU63KK343X32	SU63KK343W32	SU03KK332Z32	SU03KK332Y32	...	
	EHF620PP05E	EHF620PP10E	EHF620PP20E	EHF620PP30E	EHF620PP50E	EHF620PP70E	EHF620PP100E
	VSU053KK38V	VSU053KK23V	VSU053KK53V	VSU053KK73V	VSU053KK83V	VSU053KK43V	VSU053KK233V
	EHF620PP200E	EHF620PP400E	EHF640PP05E	EHF640PP10E	EHF640PP20E	EHF640PP30E	EHF640PP50E
	VSU053KK533V	VSU053KK633V	VSU063KK38V	VSU063KK23V	VSU063KK53V	VSU063KK73V	VSU063KK83V
	EHF640PP70E	EHF640PP100E	EHF640PP200E	EHF640PP400E	EHF660PP05E	EHF660PP10E	...
	VSU063KK43V	VSU063KK233V	VSU063KK533V	VSU063KK633V	VSU003KK38V	VSU003KK23V	...
	RFP010-40NPX-L	RFP050-40NPX-L	RFP100-40NPX-L	RFP500-40NPX-L	RFP1000-40NPX-L	RFP010-40	RFP050-40
	IUK323-63MKC-O	IUK383-63MKC-O	IUK233-63MKC-O	IUK833-63MKC-O	IUK2333-63MKC-O	IUK323-63	IUK383-63
	RFP100-40	RFP500-40	RFP1000-40				
	IUK233-63	IUK833-63	IUK2333-63				
	RHF010EHD	RHF020EHD	RHF030EHD	RHF050EHD	RHF100EHD	RHF200EHD	
	ISU323VSW	ISU353VSW	ISU373VSW	ISU383VSW	ISU233VSW	ISU533VSW	



2 Other Water Filter Elements



Apart from the replacement high flow water filter cartridges, we can design industrial filter elements for specific applications. You can browse the following product comparison or [submit the inquiry form](#) [p32] directly.



	String Wound Filter Cartridge	PP Melt-Blown Filter Cartridge	Microporous folding Filter Cartridge	SS Pleated Filter Element
Material	Textile fabric string (polypropylene fiber, absorbent cotton, glass fiber)	Polypropylene fibers	PP/PTFE/PES/PVDF/Nylon 6	Stainless steel wires
Construction	Precisely winding onto the multi-hole axles	Thermally self-bonded micro-fiber construction	PP fiber membrane, NL, PES, PTEF, PVDF, and non-woven (screen) support layers folded	Stainless steel wire cloth strands woven in various mesh patterns to form absolute as well as nominal filtration ratings
Precision filtration	1–100 micron	1–100 micron	PP: 0.1/0.2/0.45/0.65/0.8/1/2/3/5/10/20/25/30/50/60 micron PTFE: 0.2/0.45 micron Nylon: 6: 0.2/0.45/0.65/1 micron PES: 0.1/0.2/0.45/0.65 micron PVDF: 0.2/0.45 micron	5–840 micron
Length	5/10/20/30/40/50 inch	5/10/20/30/40/50 inch	5/10/20/30/40 inch	10/20/30/40 inch
Feature	<ul style="list-style-type: none"> • More stable function than PP melt-blown filter • Low pressure drop, high dirt holding capacity • Non-poisonous and odorless • Non fiber releasing • No secondary pollution • Wide chemical compatibility • Fits all standard housing 	<ul style="list-style-type: none"> • Designed for purification and good for food contact • Graded pore structure enhances dirt holding capacity • No fiber releasing and media migration • Wide chemical compatibility • High contaminant holding capacity 	<ul style="list-style-type: none"> • Rating from 0.1 to 60 micron, superior to other types • Unique low differential pressure • High flow volume • Wide chemical compatibility • Higher dirt holding capacity 	<ul style="list-style-type: none"> • Low initial pressure drop • Reusable after cleaning and regenerating • No changes of the pore size and shape in sintering process • High thermostability and corrosion resistance • Metal fiber felt porosity is much more higher than wire mesh
Application	<ul style="list-style-type: none"> • Industrial pre-filtration or RO system • Solvent, chemical industry • Oil industry • Drinking water treatment • Electronic and power industry • Food and beverage 	<ul style="list-style-type: none"> • Pre-treatment of drinking water system • Oil removal industry • Food and beverages • Pharmacy industry • Pre-treatment of industrial DI&RO system • Low viscosity fluids 	<ul style="list-style-type: none"> • RO reverse osmosis water system prefiltration and deionized water system in electronic industry • Mineral water, beer and beverage filtration • Pharmaceuticals, biologicals, serum products in pharmaceutical industry 	<ul style="list-style-type: none"> • High temperature, strong solvents and high pressure conditions • High-Temperature, Applications 500 °F (260 °C) • Corrosive Fluid Applications • Cleanable Filter Elements (Either by backflushing, ultrasonic or nonabrasive cleaning techniques)
Outer diameter	Slim: 60–62 mm Jumbo: 110–115 mm	60–62 mm	68 mm	–
Inner diameter	28/30 mm	28/30 mm	28 mm	–
End Cap	Doe, 222/fin, 222/flat, 226/fin, 226/flat	222/fin, 226/fin	Doe, 222/fin, 222/flat, 226/fin, 226/flat	DOE, 222, 226 or 1" NPT
Style	–	Groove/light-groove/points/flat	–	–
Seal material	EPDM, Silicone, Viton	–	Silicon/EPDM/NBR/Viton/Teflon	Buna, Viton or Teflon Seals
Max. Differential pressure	2 kgf/cm ²	3 kgf/cm ²	0.42 MPa at 25 °C	–
Max. pressure	4 kgf/cm ²	5 kgf/cm ²	–	–
Operating differential pressure	0.1 kgf/cm ²	0.1 kgf/cm ²	–	–
Max. Operating temperature	PP with PP core: 60 °C PP with SS core: 100 °C Absorbent cotton with SS core: 120 °C Glass fiber with SS core: 180–300 °C	80 °C	PP: 88 °C at 0.28 MPa and 60 °C at 0.42 MPa PTFE: 142 °C at 0.276 MPa Nylon 6: 49 °C at 0.21 MPa PES: 140 °C at 0.28 MPa PVDF: 80 °C at 0.173 MPa	260 °C



Coalescer & Separator Cartridges

Full Ranges Models for Gasoline, Aviation Fuel, Kerosene and Diesel Fuel

Coalescer filters are specially designed for the separation and filtration of water from gasoline, aviation fuel, kerosene and diesel fuel. They include coalescer and separator cartridges.

The coalescer cartridges gather and filter solid particles and larger water droplets with excellent hydrophilia performance and let the droplets falling down to the bottom of shell. The separator cartridges can separate and isolate the waters out of the media with perfect hydrophobicity.

In this way, the coalescer filters can provide dry, pure, particle-free jet fuel, diesel fuel, turbine fuel, lubricating oil or insulating oil.



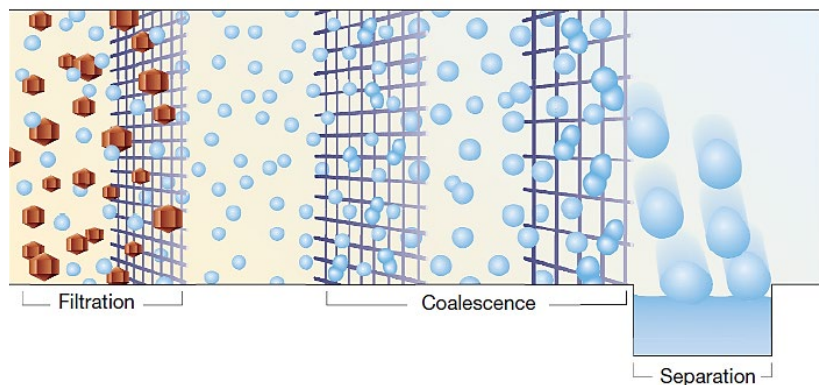
Working Principle

Coalescer Filter is equipped with two filter elements with different functions –coalescer cartridges and separator cartridges.

Media enter coalescer filter shell and assigned to each coalescing filter by the coalescing filter tray, the liquid flow from internal to external of the coalescer cartridges and pass through filtration,

demulsification, coalescence and sedimentation processes. The multi-layer filter material can filter out solid particles and emulsion layer made of non-woven fibers can break the emulsion of media and gather small water droplets are gathered to large droplets and settling to the bottom of the shell. Some tiny liquid flow to the separation filter elements. Separator cartridge have a Teflon surface which has excellent hydrophobic performance. Small droplets were completely and effectively intercepted outside of the separation filter elements. The water settling to the bottom of the shell is shown by the level gauge, and the water and dirt can be discharged regularly through the drain valve. The water free media are collected by the separation filter tray and flows out of the outlet of the separator.

Filtration → Coalescence → Separation.





Coalescer Cartridges Structure

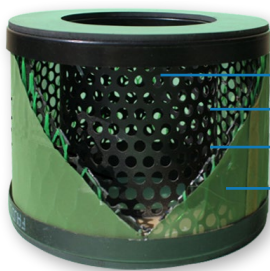
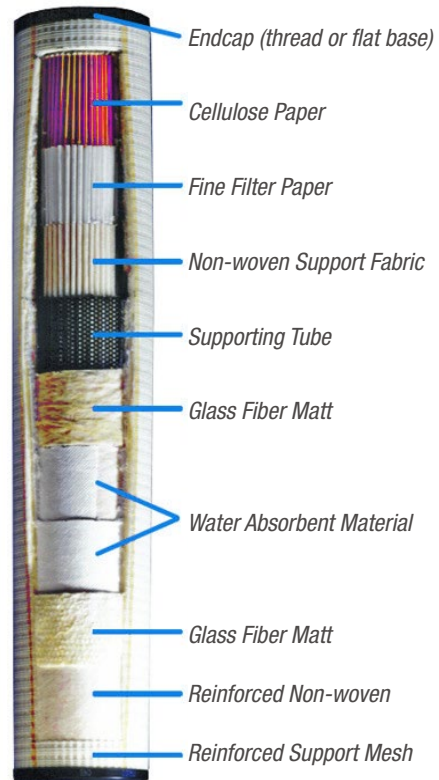
The main structures of coalescer cartridges include filtration layer, demulsification layer, gathering layer and separation layer.

The filtration layer is made of multi-layer pleated filter paper to filter out solid particles.

The demulsification layer is made of non-woven fibers to absorb tiny droplets onto the surface and separate the oil and water.

Gathering layer is made of water absorbent material to absorb and gather water into large droplets.

Separation layer is made of glass fiber matt, which allow the large droplets fall down and complete the water-oil pre-filtration.



Labels for the Separator Cartridge Structure:

- Inner frame
- Support layer
- Plastic mesh protection layer
- Teflon layer

Separator Cartridges Structure

The separator cartridge is manufactured from inner frame, support mesh, plastic protection mesh and a hydrophobic material (Teflon) layer, which is specifically designed to repel water. Tiny waters are gathered on the Teflon layer and fall into the water collection sump after large water droplets form.

Applications

The coalescer r cartridges and separator cartridges are widely used for:

- Filtration of aviation fuel, gasoline, kerosene and diesel;
- Filtration of cycloethane, isopropanol, cycloethanol, cycloethyl ketone, etc.
- Filtration of turbine oil and other low viscosity hydraulic oils and lubricants;
- Filtration of hydrocarbon hydrocarbons;
- Filtration of liquefied petroleum gas, stone tar, benzene, toluene, xylene, isopropyl benzene, polypropyl benzene, etc.
- Oil extraction, refining and natural gas extraction.





Replacement Filter Elements



Yinbeier manufactures a complete line of replacement filter element for fuel filtration, our Inborn Filter™ are functionally and dimensionally interchangeable with industrial OEM filter manufacturer elements.

■ Manufacturer # □ Yinbeier #

	ST318FA-5	ST324FA-5	ST412FC-5	ST415FB-5	ST417FB-5	ST422FC-5	ST424FB-5
	HG729UZ-8	HG756UZ-8	HG625UX-8	HG628UY-8	HG624UY-8	HG655UX-8	HG656UY-8
	ST430FB-5	ST432FC-5	ST436FB-5	ST609FB-5	ST609FF-5	ST611FD-5	ST612FB-5
	HG673UY-8	HG675UX-8	HG670UY-8	HG031UY-8	HG031UU-8	HG022UW-8	HG025UY-8
	ST614FD-5	ST616FD-5	ST618FB-5	ST622FD-5	ST624FB-5	ST624FE-5	ST624FF-5
	HG026UW-8	HG020UW-8	HG029UY-8	HG055UW-8	HG056UY-8	HG056UV-8	HG056UU-8
	ST629FD-5	ST630FB-5	ST630FD-5	ST630FE-5	ST630FF-5	ST633FB-5	ST633FD-5
	HG051UW-8	HG073UY-8	HG073UW-8	HG073UV-8	HG073UU-8	HG077UY-8	HG077UW-8
	ST636FB-5	ST636FD-5	ST636FE-5	ST636FF-5	ST638FD-5	ST640FD-5	...
HG070UY-8	HG070UW-8	HG070UV-8	HG070UU-8	HG079UW-8	HG063UW-8	...	
	SO-1523	SO-1530	SO-404PL	SO-407PL	SO-417PLM	SO-424C	SO-424V
	HL-2857	HL-2873	HL-636KO	HL-634KO	HL-624KON	HL-656X	HL-656E
	SO-436C	SO-436V	SO-608B	SO-608C	SO-609V	SO-611C	SO-611PL
	HL-670X	HL-670E	HL-039Y	HL-039X	HL-031E	HL-022X	HL-022KO
	SO-611PLF	SO-611PLF1	SO-611PLF3	SO-614C	SO-614CB1	SO-614PL	SO-614PLBZ
	HL-022KOU	HL-022KOU2	HL-022KOU7	HL-026X	HL-026XY2	HL-026KO	HL-026KOYA
	SO-614PLF	SO-614PLF1	SO-614PLF3	SO-614PLF3D	SO-616C	SO-616CM	SO-616GS
	HL-026KOU	HL-026KOU2	HL-026KOU7	HL-026KOU7W	HL-020X	HL-020XN	HL-020TH
	SO-616PLF	SO-616PLF1	SO-616PLF3	SO-623C	SO-624VA	SO-629C	...
HL-020KOU	HL-020KOU2	HL-020KOU7	HL-057X	HL-056EZ	HL-051X	...	
	K-1.842	K.1-842	K.3-467	K.3-559	K.3-842	K.3-965	K.4-279
	P-2.965	P.2-965	P.7-604	P.7-881	P.7-965	P.7-108	P.6-541
	K.4-362	K.4-559	K.4-727	K.4-842	K.4-965	K.4-1093	K.4-1422
	P.6-705	P.6-881	P.6-454	P.6-965	P.6-108	P.6-2317	P.6-2655
	P.7-559	P.4-559	K.7-1422	P.1-842	P.3-467	P.3-559	P.3-842
	K.4-881	K.6-881	P.4-2655	K.2-965	K.7-604	K.7-881	K.7-965
	P.3-965	P.4-279	P.4-362	P.4-727	P.4-842	P.4-965	P.4-1093
	K.7-108	K.6-541	K.6-705	K.6-454	K.6-965	K.6-108	K.6-2317
	P.4-1422	Y.1-842/5	Y.4-467/5	Y.4-559/5	Y.4-842/5	Y.6-362/5	...
	K.6-2655	B.2-965/8	B.6-604/8	B.6-881/8	B.6-965/8	B.0-705/8	...
	C220049	Ci-3520	Ci-3520P	608061	A910176	Km6036-2	Ci3520-P
	X553361	Xr-7853	Xr-7853K	039302	Z123240	Pn0370-5	Xr7853-K
	Kmg-336	Kpmg-324					
	Pnt-770	Pknt-756					

Coolant Filter Paper

Purify Coolants in Metal Processing Production

Coolant filter paper with non-woven media structure, are made of PET or PP fibers. The filter paper has excellent filtration performance for filtering the metallic and non-metallic containment in coolant, guarantee the cleanliness of coolant and extend the coolant service life.

Grinding coolant filter paper can be supplied in rolls and is also available in sheets or die-cut shapes.

Grinding coolant filter paper are widely used in the coolant filtration system in metal processing.



Specifications

- Material: polyester (PET) or Polypropylene (PP)
- Width: 0.5–1.5 m
- Length: 50–250 m
- Surface: smooth and dot embossed.



Standard surface



Dot embossed surface

	Thickness (mm)	Weight (g/m ²)	Material	Longitudinal Strength (N/5cm)	Transverse Strength (N/5cm)	Air Permeability (L/m ² s)	Filter precision (μm)
IBCFP-01	0.17±0.05	30±5	Polyester	60	15	3400	45–55
IBCFP-02	0.26±0.05	40±5	Polyester	100	19	3000	36–45
IBCFP-03	0.28±0.05	50±5	Polyester	110	25	2300	25–35
IBCFP-04	0.30±0.05	60±5	Polyester	125	35	1800	15–25
IBCFP-05	0.50±0.05	90±5	Polyester	220	52	650	8–12
IBCFP-06	0.25–0.28	40	Polyester	100	60	–	40–50
IBCFP-07	0.28–0.3	60	Polyester	120	80	–	30–40
IBCFP-08	0.4–0.42	90	Polyester	135	96	–	10–15
IBCFP-09	0.37–0.4	70	Polyester	190	65	–	18–22
IBCFP-10	0.43–0.46	90	Polyester	230	85	–	12–18
IBCFP-11	0.75–0.8	150	Polyester	360	140	–	5–10
IBCFP-12	0.17–0.2	30	Polypropylene	90	50	–	50–60
IBCFP-13	0.35–0.38	60	Polypropylene	190	105	–	15–25
IBCFP-14	0.4–0.42	80	Polypropylene	210	130	–	10–15



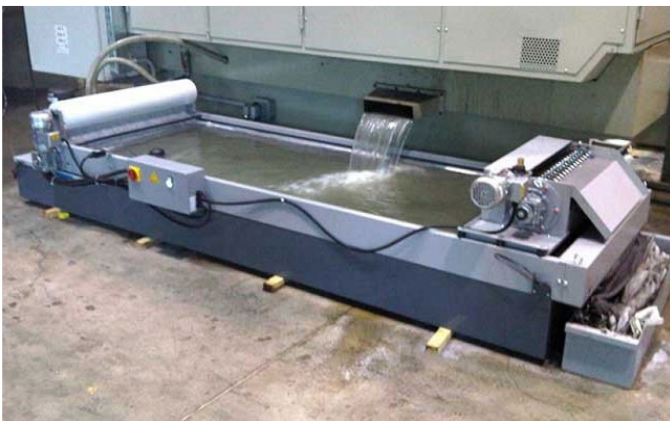
Features

- Uniform surface and good porosity. We adopts ultra fine fibers and advanced molding technology to guarantee the distributed surface and high filtration efficiency.
- High tensile strength to adapt to the gravity bed filter, vacuum filter, drum type paper belt filter, deep bed paper belt filter and other filtering equipment requirements.
- Good chemical stability of emulsion and soaking resistance for long term use during -40 °C to 120 °C temperature.
- High filtration fineness to increase the coolant service life, reduce products surface damage, reduce production loss and improve production efficiency.
- Different filtration precision for options, can meet different filtration equipment in different fields.
- Can be customized into bags, specialty parts and other configurations to meet any specifications and requirements.

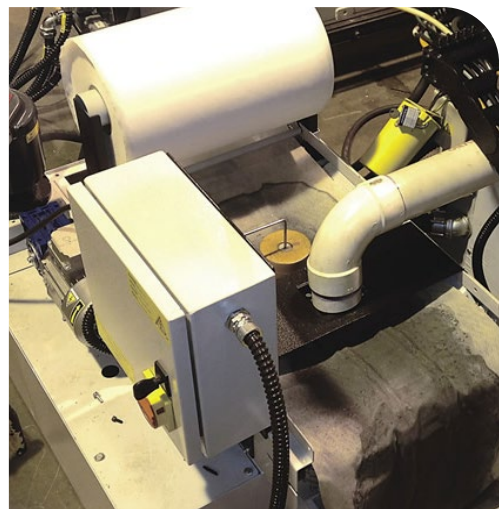
Applications

Coolant filter paper is widely used in gravity bed filter, vacuum filter, drum type paper belt filter, deep bed paper belt filter and other filtering equipment for coolant filtration, including:

- Automobile engine processing
- Auto parts processing
- Bearing processing
- CNC grinding
- Gear grinding
- Cutting process
- Machine tools



Coolant filter paper for grinding machine



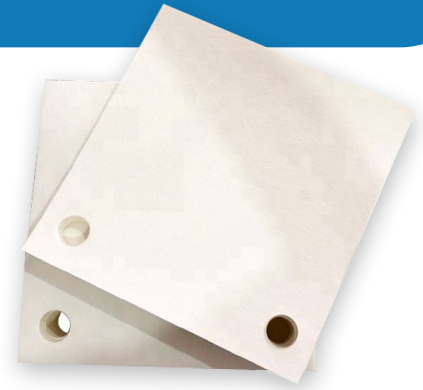
Filter paper for machine tool coolants



Plate Oil Filter Filter Paper

19. Optional Sizes for Most of Oil Filter Machines

Filter paper is widely used in the plate and frame oil filter machines for liquid filtration. It adopts cotton linter as raw material, which has good absorbent filter, high compression strength and filtration precision performance.



Specifications

- Material: cotton linter
- Shape: square, round and other customized sizes
- Customize service: OEM and other customized services are available as customers' request

Common Sizes of Filter Paper for Plate Oil Filter (unit: mm)			
180 × 180	185 × 185	187 × 187	190 × 190
200 × 200	234 × 234	235 × 235	240 × 240
245 × 245	250 × 250	270 × 270	280 × 280
280 × 285	285 × 285	290 × 290	295 × 295
296 × 296	298 × 298	295 × 300	300 × 300
325 × 325	340 × 340	400 × 400	440 × 440
500 × 500	600 × 600	700 × 700	900 × 900
Φ 500	Φ 600	Φ 800	Φ 1000

Features

- Natural pH and cannot be replaced by filter cloth or filter meshes
- Strong water absorption
- Excellent filtration performance
- High compression strength

Applications

The filter paper is widely used in Petroleum, chemical, pharmaceutical and other industries to filter out and separate the solid, semi solid impurities from liquid and oils.

Filter media mainly contain transformer oil, turbine oil, lubricating oil, hydraulic oil, soluble organic liquid paraffin, oil analogy synthetic resin, sebacic acid dioctyl fat melting. And liquid medicine, dyes, drinks, plating liquid filtration.

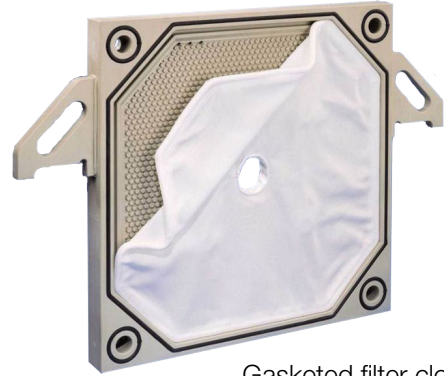




Filter Press Filter Cloth

Gasketed & Non-Gasketed for Filter Press Filtration

Filter cloth is one of the key variables in the optimization of any liquid filtration application. We have a complete line of filter cloth for your filter press system to improve your production efficiency and reduce downtime. Our filter cloth varies in shapes, sizes, materials and weave methods. All our filter cloth are carefully selected and optimized to guarantee good particle retention, clear filtrate, high flow rates and dry filter cakes.



Gasketed filter cloth

Features

- Up to 20% longer filter cloth lifetime and higher cake solids content.
- Reliable separation of even the smallest particle sizes.
- Wear resistance.
- Easy filter cake discharge.
- High stability, even on surfaces with larger filter elements.
- Standard or customized design to meet your specific requirements.



Non-gasketed filter cloth

Specifications

- Fibers: Polypropylene, Polyester, Nylon, Teflon, cotton, etc.
- Threads: monofilament, multifilament, spun stable yarns, needle-punched felts, spun-bounded laminates.
- Type: gasket type and non-gasket type
- Sizes: 470 mm, 630 mm, 800 mm, 1000 mm, 1200 mm, 1500 mm and customized sizes.
- Customize service: available as customers' request.

Applications

We have the capability to manufacturer replacement cloths for all filter press and plate manufacturers.





Inborn Filter
HYDRAULIC FILTER

Manufacture & OEM

Hengshui Yinbeier Hydraulic Filter Co., Ltd. manufactures a complete line of industrial filter elements which are functionally and dimensionally interchangeable with industrial OEM filter manufacturer elements. Main brands are as follows:





Custom A Filter

Our part number list is continuously update, if you can't not find you want, just submit the following forms and deliver to us via E-mail, our professional sales will reply you as soon as possible. You will get both the accurate prices and delivery.

Part number you were looking for not found?



An asterisk (*) indicates a required field

Name*

Company Name

Phone*

E-mail*

Part numbe*

Any other available information

(such as quantity needed, requirements, etc.)

Inborn Filter™ laser equipment accurately marks your logo, phone number, website, part number or QR code, producing a spectacular presentation. so your customer will return to you for replacement elements.

Inborn Filter™ offers a variety of plating options, To meet the product different materials and your different needs.

**We can mark on: Stainless steel,
Aluminum, Plated*, Plastic**



Inborn Filter™
HYDRAULIC FILTER

Add:

Jingxian County, Hengshui City, Hebei Province, China.

Tel:

+86-19831882282

Web:

www.umfilter.com

E-mail:

info@umfilter.com



Design A Water Filter Cartridges

Apart from the replacement high flow water filter cartridges, we can design industrial filter elements for specific applications. You can browse the following product comparison or submit the inquiry form directly.

Submit the following forms and let us know your current situations and problems for our design and recommendation.



An asterisk (*) indicates a required field

Name*

Company Name

Phone*

E-mail*

**Using condition/
environment***

**Filter element
materials***

Filtration fineness*

**Cartridge/element
sizes***

Marks

Current Problems

Inborn Filter™ laser equipment accurately marks your logo, phone number, website, part number or QR code, producing a spectacular presentation. so your customer will return to you for replacement elements.

Inborn Filter™ offers a variety of plating options, To meet the product different materials and your different needs.

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Other

Requirements

Design A filter



If your existing filter elements cannot achieve the promised service life or performance, maybe the filter elements are not compatible with your equipment. We can assist you design filter elements to solve existing problems and enhance filter element performance and service life.

Submit the following forms and let us know your current situations and problems for our design and recommendation.



An asterisk (*) indicates a required field

Name*

Company Name

Phone*

E-mail*

Max. Pressure*

Max. Temperature*

Filter Media*

(oil, water, air, etc)

Application Details*

(equipment, element position, industry, etc.)

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Max. Flow Rate

Filter Precision Requirements

Marks

Current Problems

Other Requirements



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ABOUT YINBEIER & INBORN FILTER™

Hengshui Yinbeier Hydraulic Filter Co., Ltd. established in 2003 and began with producing and researching hydraulic filter elements. During years of researching and development, we have grown into a professional company, which is specialized in manufacturing, designing and customizing industrial filter element for customers from all over the world.

We have more than 10 production lines which cover hydraulic oil, air dust, water, compressed air, fuel and coolants industrial filter elements. We brought in more than 200 sophisticated equipment and the annual output is more than 100 millions filter elements, which can satisfy the large and urgent orders of our customers.

We have more than 500 workers until now. And the company regularly organize training and assessment to ensure that all staff are in the best condition and can get the latest technology and skills.



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MANUFACTURE, CUSTOM & DESIGN

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