



REPLACEMENT CJC FILTER INSERT

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BRIEF INTRODUCTION OF ENTERPRISE

HISTORY

SINFT is located in Shijiazhuang City, Hebei Province, covering 26,658m². Established in 2007, we have become an excellent manufacturer of brand-compatible spare parts in the industrial filtration and Oil Filtration Machine delivery industries with 17 years of experience accumulation and precipitation.

PRODUCT CATEGORY

- Vacuum Oil Filter Machine
- High Pressure Filter Elements
- Low Pressure Filter Elements
- Hydraulic Filter Elements
- Coalescence and Separation Oil Filter Machine
- Stainless Steel Filter Elements
- Pipeline Basket Strainer (simplex & duplex)
- Replacement Filter Elements for over 200 brands

PRODUCTION

SINFT produces high quality filter machines and spare parts compatible with major brands in the world market with much more competitive prices. We measure our success by what our products do for you. Guided by a relentless drive to improve your products and processes, we bring our filtration know-how to your application. Our engineering and capabilities are in scope from superior design of basic filter elements to complex multi-layer media for sophisticated filter element applications. We use advanced, professional, automated and precise equipment to escort the orders. Quality at SINFTFILTER means more than making a product in the right way. Every employee thinks about what he or she does and what is expected by our customers.

SINFT ISO TESTING SERVICES

ELEMENT COLLAPSE/BURST RATING (ISO 2941)

10 bard (150 psid) minimum for Coreless filter elements
20 bard (300 psid) minimum for Standard filter elements
210 bard (3,045 psid) minimum for High Collapse Strength filter elements.

FLOW FATIGUE (ISO 3724)

Contact factory; filter element pleats are fully supported, both upstream and downstream to achieve excellent fatigue cycle life.

FLUID COMPATIBILITY (ISO 2943)

Compatible with petroleum oils, water glycols, wateroil emulsions, and high water containing fluids. Fluorocarbon seals are standard, enabling use with industrial phosphate esters, diesters, and specified synthetics.

FLOW VS PRESSURE DROP (ISO 3968)

The operating flow rate and differential pressure of the filter element.

FABRICATION INTEGRITY (ISO 2942)

Fabrication integrity is validated and assured during the manufacturing process by numerous evaluations and inspections including Bubble Point testing.



01 Supply Chain System

Professional purchasing team
Rich suppliers resources & Location advantages
Suppliers Management

02 Production System

Staff

Factory Director: 18 years experience
Senior Engineer: 1
Intermediate Engineers: 3
Senior Welders: 4
Intermediate Welders: 7
Crane Operators: 2
Forklift Operators: 3
Production Lines Workers: 64

Equipment

51 sets of welding equipment.
5 sets of cutting equipment.
20 sets of deformation equipment.
32 sets of molding equipment.
4 sets of packaging equipment

Production process with high quality control system.

04 Storage System

Warehouse covers an area of 2100m².
1 warehouse for finished products and 2 warehouses for raw materials.
370 sets of injection molds;
67 sets of die casting dies;
970 sets of stamping dies;
74 sets of powder die casting dies.

Filter Materials Inventory:

- Support Tube: Spiral welded tube, Perforated tube, Louvre welded tube, etc.
- End Caps: inventory of 1260 varieties and over 150,000 pcs.
- Fiberglass: HV: 1um, 3-6um, 10-12um, 20um, 40um
- Domestic Fiberglass: 1um, 3um, 5um, 50um, 70um, 35um (50KGS in stock) 10um (100KGS in stock), 15um, 20um, 25um, 40um (300KGS in stock)
- Filter Paper: Conventional inventory for hydraulic, oil and air filtration - 8 specifications and totally 16 tons
- Support tube: metal sheet in stock - thickness 0.3mm, 0.5mm, 1.5mm, 2mm and 12 tons in total
- Stainless Steel Wire Mesh: 2300m²
- Sintered felt: 460m²
- Sintered Wire Mesh: 1400m²
- Metal Powders with various particle sizes: 1.2 tons
- * Entry and out Warehouse Management Software assists in orderly management.

03 QC System

Inspection Department

1 QC Manager: 14 years experience
6 quality inspectors

Inspection Equipment

Quadratic Projector
Bubbling Test Bench
Burst Tester
Air Permeability Tester
Spring Pressure Tension Tester
Handheld Spectrometer - for detection of metal content.

05 Packing System

Standard packaging for filter elements: plastic bag + paper box + wooden case
Outer packaging: foreign forklifts are different from domestic forklifts. We adopt European standard requirements.
Customized packaging for Candle Filters, Spray Gun Filter Elements, Differential Pressure Indicator, etc.
Special packaging: packaging design innovation according to different product shapes and characteristics, we can design the packaging to avoid damage to the goods during transportation.
Product/package marking: laser marking on the products screen printing, color-printed carton packaging, etc.

06 After Service System

1. Customers' Confidentiality Agreement. (including molds, drawings, products, pictures, etc.)
2. Regional Sole Dealer Service.
3. Free Samples Service.
4. Warranty.
5. Customer' Satisfaction Questionnaire.

92% of our customers are very satisfied with our products and service.

8% Problems: We never shirk the responsibility when there are complaints. Our factory will set up research groups ASAP, and offer positive solutions within 24 hours. 8D reports solution.



SINFT Industrial Products

◆ Innovative Design

Our company has been committed to the design and R&D of filter cartridges, with a professional R&D team and advanced technical equipment. We can provide customized filter cartridge design solutions tailored to customers' needs and application scenarios to meet different filtration requirements. We also continue to pay attention to industry trends and technological development trends, constantly innovate, and develop new products that meet market and customer needs.

◆ Experimental Equipment



◆ Workshop



SINFT filter inserts series is a filter for filtering hydraulic oil and lubricating oil. It can process waste oil volume from 2 liters to more than 200,000 liters, the filtered oil will help prolong the service life of the machine and also help reduce production costs for customers. 100% natural cellulose fibres - no metal, no plastic, no chemicals

Advantages

◆ 1. Increase lifetime

SINFT's filter elements are made of high-quality materials, which have a longer service life, can filter pollutants more effectively, and protect equipment from damage. In contrast, other brands of filters may be of lower quality and have a shorter lifespan.

◆ 2. Dirt Holding Capacity Creates Value

Pollution holding capacity creates value: DIRT HOLDING CAPACITY CREATES VALUE Competitive Filter Insert costs divided by dirt holding in kg.

◆ 3. Easy Installation

SINFT filter elements are easier to install and replace without professional skills and tools. In contrast, other brands of filters may require more time and expertise to install and replace.

3-micron filtration	Example 1	Example 2
Filter Insert type	Competitive pleated filter	SINFT cellulose depth media
Cost of element vs. Filter Insert	1 x€	4 x€
Dirt holding capacity	0.100 kg	4 kg
Cost per kg removed	10*€/Per kg	1*€/Per kg

◆ 4. Environmental Protection

100% natural cellulose fibres – no metal, no plastic, no chemicals.

◆ 5. Professional Experiment

Our CJC replacement filters have been tested by Flender and passed the test.

Test results show that our filters do not filter out anti-foam additives in oils. The test results are close to the ISO 12152:2012 standard. The test starting temperature is 25°C. The test standard is: 1 minute standing volume ≤ 15%, 5 minutes standing volume ≤ 10%, which is qualified.



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SFT-A Filter Inserts Series

Applications

Small hydraulic systems

Small engines such as generator sets

Small lubricating oil system



SFT Model	Model	Code	Applicable oil types
SFT-A 27-27	A27/27	PA5600317	
SFT-2A 27-27	2XA2727	PA5600318	
SFT-A 38-20	A38/20		Small volume
SFT-A 38-40	A 38/40	PA5600102	hydraulic oil,
SFT-A 38-60	A 38/60	PA5600322	lubricating oil
SFT-A 38-80	A 38/80		
SFT-A 38-100	A38/100		
SFT-AA 2*27/27	AA 2*27/27	PA5600315	washing oil
SFT-AK 15-25	AK 15/25	PA560321	
SFT-AK 27-27	AK 27/27	PA560313	Filter/remove moisture from low viscosity oils
SFT-AK38-40	AK 38/40	PA950301	
SFT-AK 38-60	AK 38/60	PA950302	



SFT-B Filter Inserts Series

Application

Used for maintenance of below oil types

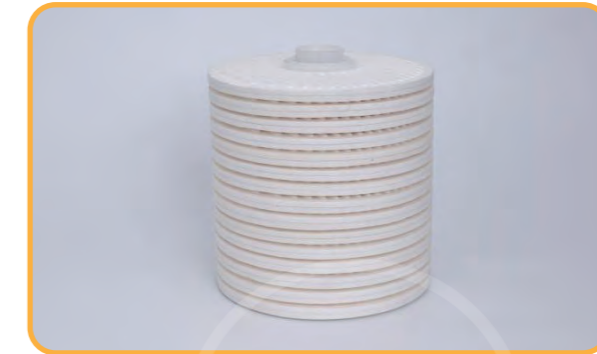
Hydraulic oils

Turbine mineral oils

Bearing lubricating oils

Gear oils

Synthetic oils



SFT Model	Model	Code	Applicable oil types
SFT-B 15-12	B15/12	PA5601324	
SFT-B 15-25	B15/25	PA5601321	Hydraulic oil Gear oil
SFT-B 15-50	B15/50	PA5601317	Bearing lubricant Turbine mineral oil
SFT-B 27-27	B27/27	PA5601301	Synthetic oil
SFT-2B 27/27	B 2*27/27	PA5601304	
SFT-BK27/27	BK27/27	PA5601348	Gears Transformers Tap changers Hydraulic systems Bearing lubricating oils
SFT-BM27/27	BM27/27	PA5601351	Gear oil
SFT-BM2*27/27	BM2*27/27	PA5601347	Cement mill oil
SFT-BLA15/12	BLA15/12	PA5601327	Paper machine lubricants
SFT-BLA15/25	BLA15/25	PA5601326	Water ethylene glycol liquid (PEG) Water-based refractory fluid (HFA\HFB)
SFT-BLA27/27	BLA27/27	PA560320	Water-based machine tool fluid
SFT-BLAT27/27	BLAT27/27	PA5601325	Gear Hydraulic oil Gasoline Turbine oil Diesel fuel Lubricating oil reaches iso vg150
SFT-BLDA15/25	BLDA15/25	PA5601333	Ethylene glycol based water (PEG)
SFT-BLDA27/27	BLDA27/27	PA5601323	Water-based refractory fluid (HFA, HFB)
SFT-BNK15/25	BNK15/25	PA5601338	Component insulating oil
SFT-BNK27/27	BNK27/27	PA9501342	Refrigerator compressor lubricant
SFT-BNK2*27/27	BNK2*27/27	PA9501345	

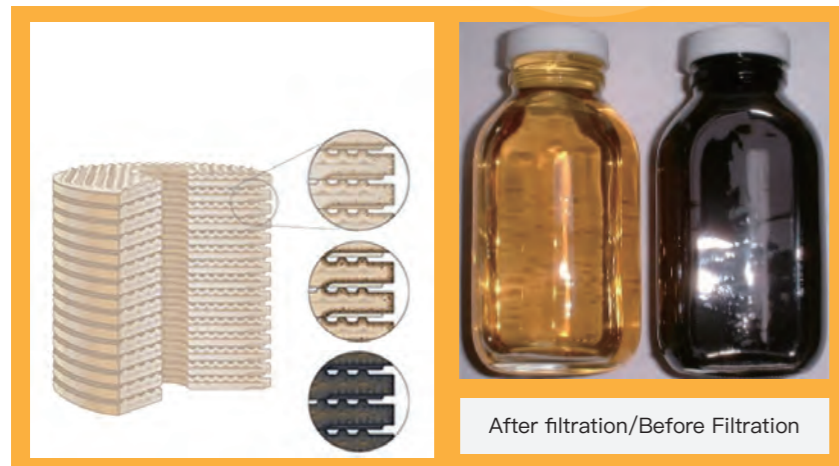
SFT-F Filter Inserts Serie

•Applications

Filter elements are manufactured exclusively for SINFT filter separators for oil filtration and water removal of mineral fuels (typically diesel, gas oil and quench oil)



SFT Model	Model	Code	Applicable oil types
SFT-F 15/25	F15/25	PA5600507	Diesel fuel Gas oil Quenching oil
SFT-F27/27	F27/27	PA5600505	
SFT-2F 27/27	2*F 27/27	PA5600506	
SFT-F38/40	F38/40	PA5600307	Thermal oil
SFT-F38/60	F38/60	PA5600308	
SFT-FA27/27	FA27/27	PA9500505	Diesel fuel
SFT-2FA 27/27	2*FA27/27	PA9500506	
SFT-FA38/40	FA38/40	PA9500307	
SFT-FA38/60	FA38/60	PA9500308	Gas oil
SFT-FB15/12	FB15/12	PA5601339	
			Diesel fuel Gas oil



SFT Other Filter Inserts Series



SFT Model	Model	Code	Applicable oil types
SFT-GFi15/25	GFi15/25	PA5601364	Hydraulic oil Gear Oil
SFT-GFi27/27	GFi27/27	PA5601365	
SFTKFi15/36	KFi15/36	PA5609518	Gear oil Hydraulic oil Bearing lubricant Mineral oil Synthetic oil
SFT-PSi27/27	PSi27/27	PA5601375	
SFT-VRi27/27	VRi27/27	PA5601370	
SFT-2xLOX27/27	2xLOX27/27	PA5601315	
SFT-LO4D27/27	LO4D27/27	PA5602320	Lubricating oil
SFT-2xLO4D27/27	2xLO4D27/27	PA5602321	


Fine Filters - Oil Filtration Solutions




Fine Filter is an offline oil filtration solution with an integrated circulation pump for offline installation. This filter is recognized around the world as a highly efficient purification system for hydraulic oil, lubricating oil, gear oil, diesel, quench oil, phosphate ester and other applications. Offline filtration is also called kidney loop filtration.



Offline oil filtration or renal circulation oil filtration can significantly extend oil change intervals. An oil filtration system will clean the oil during operation, removing damaging wear particles from the system.

Fine filters provide customers with measurable benefits including reduced operating and maintenance costs, increased productivity and maximized service life of system components, in-line filters and oil

Type	Parameter
<p>15/25</p> 	<ul style="list-style-type: none"> · Material: cast steel spray-coated · Filtration precision: 3µm · Flow rate: 60L/H · Applicable medium: 320# gear oil · Import and export: G3/8" internal thread · Overall dimensions: 362* 198*440 mm · Net weight: 30kg

Type	Parameter
<p>27/27</p> 	<ul style="list-style-type: none"> · Material: Cast steel sprayed with plastic. · Filtration precision: 3µm. · Filtration flow: 120L/H · Filter medium: 320# gear oil · Inlet and outlet: G3/4" internal teeth · Overall dimensions: 540* 350*510 mm · Net weight: 60kg
<p>27/54</p> 	<ul style="list-style-type: none"> · Material: cast steel spray-coated · Filtration precision: 3µm · Filtration flow: 240L/H · Filter medium: 320# gear oil · Import and export: G3/4" internal teeth · Overall dimensions: 540* 350*770 mm · Net weight: 65kg
<p>27/108</p> 	<ul style="list-style-type: none"> · Material: cast steel spray-coated · Filtration precision: 3µm · Filtration flow: 480L/H · Filter medium: 320# gear oil · Import and export: G3/4" internal teeth · Overall dimensions: 540*350*1303 mm · Net weight: 75kg
<ol style="list-style-type: none"> 1.Contains overvoltage protection switch Contains overheating protection switch 2.Mobile cart (optional) 3.Online particle/moisture monitoring (optional) 4.Power supply: 380V 5.Usage: Bypass offline fine filtration, does not affect the main line pressure 	