

CRANKCASE VENTILATION SYSTEM REPLACEMENT ELEMENTS

SINFTFILTER
HEBEI SINFT FILTER CO., LTD.

Crankcase ventilation is the process of exhausting or removing blow-by air to prevent excessive pressure in the engine. Blow-by gases, mixed with oil mist and other contaminants, may damage the engine's internal components and pollute the environment. A high-efficiency crankcase ventilation filter is required to clean the exhaust gases before being returned to the engine air intake or discharged to the environment.

SINFT CCV filter element

SINFT CCV filter element has a unique structure, which can provide excellent oil mist separation effect, meantime, coalesce steam and tiny pollutants and then efficiently release the filtered and coalesced oil and pollution material. It fits the housing of the Racor CCV system and protects your crankcase ventilation system.

Advantages of SINFT CCV filter elements:

①



Three years optimization of using data and performance

②



Double protection of oil mist coalescing filter materials (Lydall 9866 and LF-4)

③



Continuous operating temperature range -40 to 240°F (-40 degrees Celsius to 116°C)

④



Compatible with Racor series shells

⑤



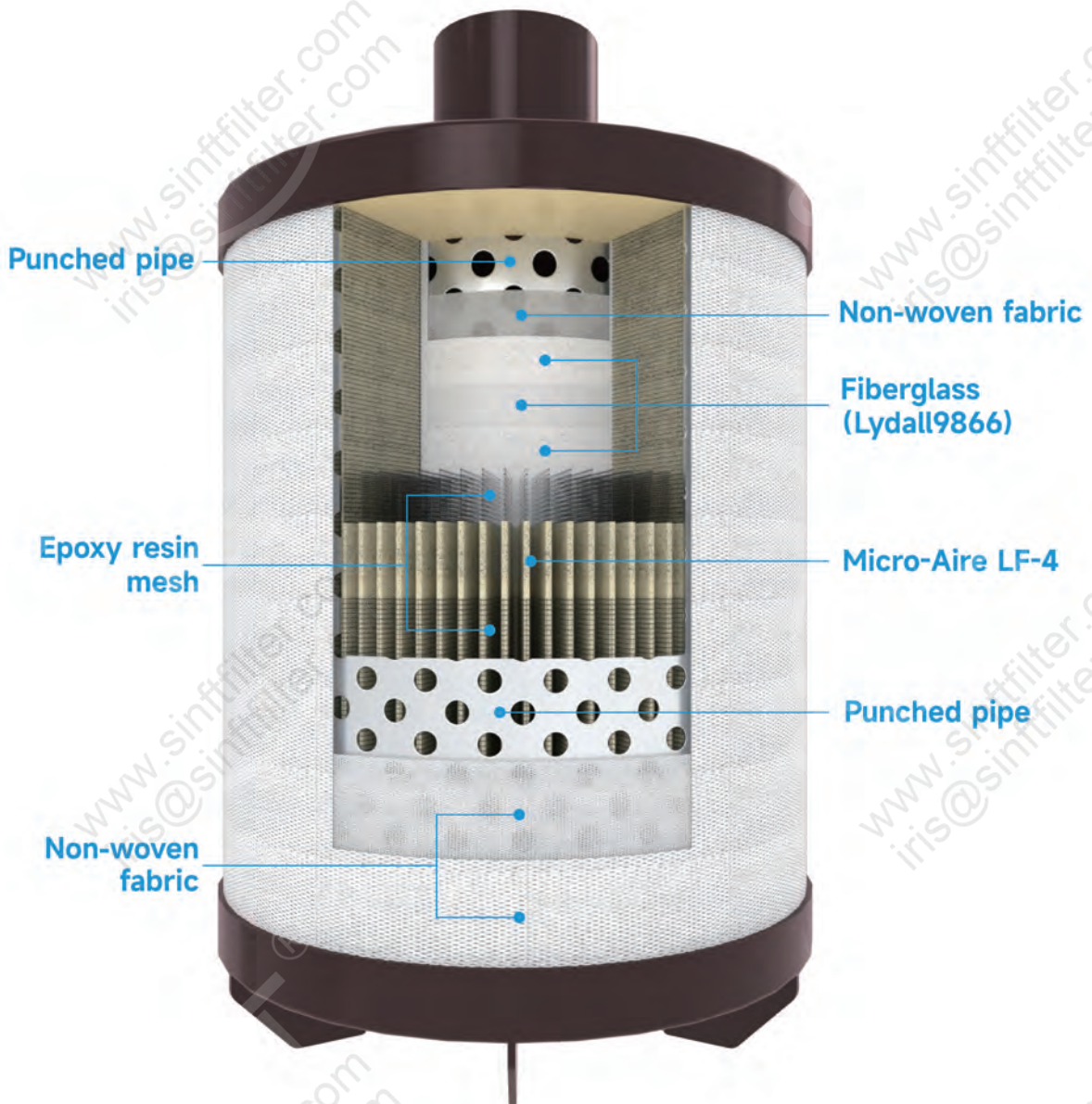
Better cost performance than traditional structures

⑥



High praise from existing customers

Structure of Sinft CCV filter element



Data of raw material

Micro-Aire® LF-4
LIQUID FILTRATION GLASS AIR MEDIA

Description
Micro-Aire LF-4 filter media is a fibrous blanket composed of glass fibers and plastic resin.

Application
Micro-Aire LF-4 is designed to be installed into liquid separators, liquid/liquid condensers, mist eliminators and scrubbers.

Average Physical Properties

THICKNESS	1" (25.4mm)		2" (50.8mm)	
	Weight (lb/ft ²)	Weight (kg/m ²)	Weight (lb/ft ²)	Weight (kg/m ²)
1/2"	0.15	0.023	0.30	0.046
3/4"	0.22	0.034	0.44	0.066
1"	0.30	0.046	0.60	0.091
1 1/2"	0.45	0.069	0.90	0.137
2"	0.60	0.091	1.20	0.183

ISO 9001:2008

Engineered Products North America (EPNA)
www.epna.com

Lydall 9866

9866
TYPICAL PROPERTY SHEET

LyPore® Unity
High Purity Media

Coexisting LyPore
LyPore Unity media is a non-woven blanket of glass fibers and plastic resin. It is designed to be installed into liquid separators, liquid/liquid condensers, mist eliminators and scrubbers.

Features/Advantages

- Highly efficient liquid/air separation
- Highly resistant to fouling
- Highly resistant to corrosion
- Highly resistant to abrasion
- Highly resistant to acid
- Highly resistant to alkali
- Highly resistant to organic solvents
- Highly resistant to high temperature
- Highly resistant to high pressure
- Highly resistant to high humidity
- Highly resistant to high salt
- Highly resistant to high dust
- Highly resistant to high oil
- Highly resistant to high solids
- Highly resistant to high viscosity
- Highly resistant to high flow
- Highly resistant to high velocity
- Highly resistant to high turbulence
- Highly resistant to high vibration
- Highly resistant to high shock
- Highly resistant to high impact
- Highly resistant to high stress
- Highly resistant to high strain
- Highly resistant to high deformation
- Highly resistant to high elongation
- Highly resistant to high contraction
- Highly resistant to high expansion
- Highly resistant to high compression
- Highly resistant to high tension
- Highly resistant to high shear
- Highly resistant to high bending
- Highly resistant to high twisting
- Highly resistant to high stretching
- Highly resistant to high shrinking
- Highly resistant to high swelling
- Highly resistant to high drying
- Highly resistant to high wetting
- Highly resistant to high coating
- Highly resistant to high adhesion
- Highly resistant to high cohesion
- Highly resistant to high adhesion/cohesion
- Highly resistant to high adhesion/cohesion/adhesion

ISO 9001:2008

Lydall
www.lydall.com

LF-4