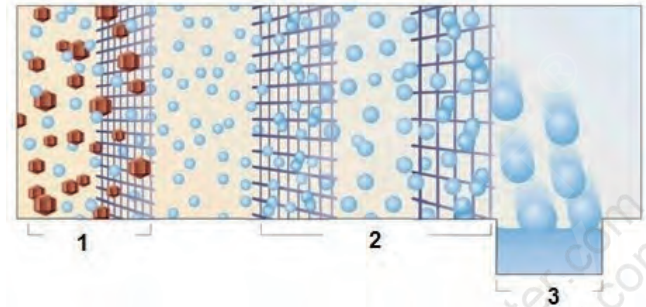


# SINFT COALESCING FILTERS ARE USED FOR HIGHER LEVEL



**SINFTFILTER**  
HEBEI SINFT FILTER CO., LTD.

SINFT coalescing filters are used for higher levels of separation compared to other purification and filtration systems. These filter elements separate immiscible liquids (liquid-liquid combiner) or liquids from gas streams (liquid-gas combiner) and ensure the removal of 99.99% of solid particles. Keeping fuels and liquids free of particle contamination and Free water contamination.



SINFT offers Pall\Hilco\Parker replacement coalescing filters, which feature unique filter material cartridges and a special design that allows you to use increased load, less circulating cartridges in your system.

## WHY CHOOSE US

<b>Unique product</b>	<b>40% savings</b>	<b>Stability</b>	<b>Trust</b>	<b>Individual approach</b>
Filter element source manufacturer	Excellent supplier resources allow us to control costs	17 years of successful work, hundreds of satisfied clients and our own production	We do not have occasional customers everyone becomes part of a team of leaders!	Individual approach for each client

## OIL & GAS COALESCERS

Sinft Corporation's staff of research scientists and engineers have designed these coalescers that change the way gas streams are conditioned.

The SepraSol Plus media can process several times more liquid per unit area of media than conventional media and often eliminates the need for upstream bulk separation equipment such as mist eliminators and vane separators.



# TECHNICAL INFORMATION

## Nominal Cartridge Dimensions

Part number	CS604LGH13 (single open end) CS604LGBH13* (single open end) CS604LGDH13 (double open end) CS604LGBDH13* (double open end)
Outer Diameter	152.4 mm (6")
Length	1016 mm (40")
Surface Area	2.6m <sup>2</sup> (28 ft.2)

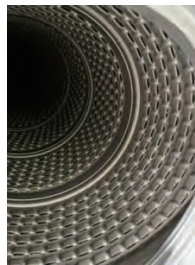
## Performance Specification

Solid Removal Rating*	99.7% @ ≥ 0.3µm
Liquid Removal Ratings	01ppm downstream liquids (LASE)** 1 ppb downstream liquids (CAGI)*** 99.999% efficient at 0.3 micron (DOP)****
Temperature Rating	82 °C (180 °F)/65 °C (150 °F) with water
Solid Removal Rating* Clean and Saturated Pressure Drop	Sized to your specification
* Per sodium chloride challenge test ** Per the Pall Liquid Aerosol Separation Efficiency (LASE) Test *** Per the modified ANSI/CAGI-400-1999 test procedure	

# OIL MIST ELIMINATORS

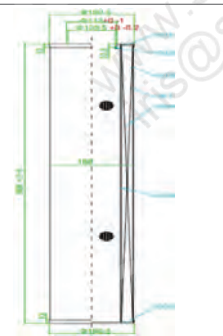


Demister Cartridge utilizes an inside-out flow to trap the oil from the air stream and return it to the oil reservoir for reuse, The resulting clear air can be safely released into the atmosphere with no environmental impact whatsoever



# TECHNICAL INFORMATION

Efficiency	99.97% Total Emissions
Carryover	Less Than Or Equal To 5 PPM
Liquid Loading	5000 Milligram/Cubic Meter
Coalescer Media	Fiberglass, Polypropylene, & Cotton
Disposal	Normal Oil Filter
Adhesive	Urethane
O-Ring Seal	Viton
Part Numbers	DM820-00-C: 16 INCHES WATER @ 50 CFM DM830-00-C: 16 INCHES WATER @ 75 CFM DM839-00-C: 16 INCHES WATER @ 100 CFM



# PECO GAS COALESCER CARTRIDGES

PECO gas coalescer cartridges work on a principal referred to as Saturated Depth Coalescing. This allows liquid droplets to collect and saturate the pores within the media depth then grow to their fullest potential. The droplets then drain with gravity when they reach a certain size. These liquid droplets often take with them solid contaminant particles, as well, causing a "self-cleaning" effect within the depth media matrix.



Integral End Caps



CE Top End Cap



Optional bottom metal end cap

# TECHNICAL INFORMATION

Micron Rating	0.1, 0.3, 0.5, 1, 5, 10
Efficiency	99.98%
	<ul style="list-style-type: none"> <li>The 0.1µm rated cartridge contains nanofibers within the PEACH depth structure</li> <li>0.1µm and 0.3µm ratings are recommended when iron sulfide removal is required</li> </ul>
Media	PEACH Polyester or Polypropylene
SEAL	None (Standard), Buna-N, EPDM, Viton
Flow Direction	Outside-To-Inside

Max. Temp	Polypropylene 180°F/ 82°C Polyester 240°F/ 116°C
Max. Differential Pressure	3.0"OD: 25 psid (no core) / 1.7 bar (no core) 50 psid (with core) / 3.4 bar (with core) 4.5"OD: 25 psid (no core) / 1.7 bar (no core) 50 psid (with core) / 3.4 bar (with core) 5.5"OD: 35 psid (with core) / 2.4 bar (with core)
Part Numbers	PCHG12/PCHG24/PCHG36/PCHG72/PCHG312 PCHG318/PCHG324/PCHG336/PCHG372 PCHG526/PCHG572