AHLSTROM MUNKSJÖ

Cabin Air

Breathe easy. Protect your family's health.

Ahlstrom-Munksjö delivers a complete portfolio of cabin air filter media based on proprietary Trinitex® technology, for both particulate filtration and combined gas adsorption.

Cabin air filters are designed to improve air quality inside vehicles by filtering particles and gases, protecting the passengers and improving the driving comfort. Additionally, they protect the heating and air conditioning system from dirt and debris.

SafeCabin™
for particulate filtration

High protection against coarse and fine particles such as pollen, dust, soot, bacteria, PM2.5.

SafeCabin™ Carbon
for combined particulate, gas and odor removal

Due to high performance activated carbon, the filter media provides increased protection by also removing, gases such as ozone, benzene, SOx, NOx and odors.

Benefits

- Ideal for OEM, OES and aftermarket
- Excellent pleatability and cohesion delivering highest converting efficiency
- Optimal gas adsorption performance, due to maximum carbon content
- Optional efficiency layer to match top end user requirements
- High permeability, full synthetic media for both particulate and combi filters

Ahlstrom-Munksjö SafeCabin™ Product Portfolio

Our portfolio covers a wide range of basis weights offering consistent efficiency along the filter life, filtration homogeneity and reliability.

Options include: fire retardancy, high permeability and different levels of mechanical particulate efficiency.

SafeCabin™ Edge products are recommended to be used as filter edges.

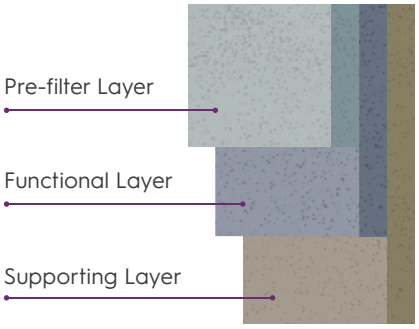
Particulate Cabin Air Portfolio (AM)

					DIN 71460-1 with ISO A2 fine dust, 0.2m/s	
MAIN GRADES	BASIS WEIGHT	THICKNESS	AIR PERMEABILITY AT 200 PA	STIFFNESS MD	INITIAL FRACTIONAL EFFICIENCY	DUST HOLDING CAPACITY
	g/m2	µm	L/m²/s	mg	% at 0.5 µm	g at 200 Pa
SafeCabin™ 80 HC	80	730	4,500	1,000	30	62
SafeCabin™ 100	100	620	1,800	1,300	30	28
SafeCabin™ 100 FR	100	850	2,600	1,000	25	48
SafeCabin™ 120	120	700	1,300	2,000	36	33
SafeCabin™ Edge 200	200	1,100	800	8,000	N/A	
SafeCabin™ Edge 250	250	1,300	650	14,000		

Ahlstrom-Munksjö SafeCabin™ Carbon Product Portfolio

Proprietary Trinitex® wetlaid technology is a 3 layer structure incorporating granular activated carbon in the middle layer. Intrinsically fire retardant, SafeCabin™ Carbon filter media delivers excellent pleating performance, low carbon dusting, optimal adsorption and good behavior in all operating conditions.

SafeCabin™ S Carbon is the new high permeability product range, designed for most demanding end users. These grades are available with an additional electrostatically charged efficiency layer reaching OEM particulate removal specifications.



Carbon Cabin Air Portfolio (AM & OEM)

					DIN 71460-1 w/ ISO A2 fine dust, 0.2m/s		DIN 71460-2 w/ 80ppm 0.1m/s, 50% RH
MAIN GRADES*	BASIS WEIGHT	THICKNESS	AIR PERMEABILITY AT 200 PA	STIFFNESS MD	INITIAL FRACTIONAL EFFICIENCY	CARBON CONTENT	INITIAL BREAK-THROUGH TOLUENE
	g/m²	µm	L/m²/s	mg	% at 0.5 µm	g/m²	%
EcoCabin Carbon 170	170	1,150	2,100	3,400	31	62	66
EcoCabin Carbon 200	200	1,000	2,100	2,200	13	133	52
EcoCabin Carbon 250	250	1,250	1,900	5,000	18	167	38
SafeCabin™ Carbon 300	300	1,450	1,550	7,000	36	200	26
SafeCabin™ Carbon 350	350	1,650	1,400	9,000	23	240	18
SafeCabin™ Carbon 400	400	1,800	1,300	6,100	40	300	12
SafeCabin™ S Carbon 300	300	1,700	1,800	4,000	30	187	43
SafeCabin™ S Carbon 400	400	2,000	1,800	3,700	43	310	25
SafeCabin™ S Carbon 500	500	2,500	1,400	5,000	50	387	6
SafeCabin™ S Carbon 340 Charge	340	1,900	1,000	4,800	>90	187	43
SafeCabin™ S Carbon 440 Charge	440	2,100	1,000	3,800	>90	310	25
SafeCabin™ S Carbon 540 Charge	540	2,700	900	4,300	>90	387	6

*Complementary testing data available on demand

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