

AJINCM

COMPANY PROFILE

AJ **AJINCM**
PREMIUM FILTER

At Ajin CM, our conviction is that the water people drink every day and the air they breathe should be cleaner and safer. This belief drives us to produce filters.

We are dedicated to the development and production of filters for water and air purifiers, creating essential, often invisible, technology that protects public well-being. The peaceful mind and comfort that come from a clean glass of water and a breath of fresh air are our reason for being, and the constant motivation behind our commitment to quality.

Based on our journey and upheld values, we promise to be a warm and faithful partner, building a better future together.

- ▶ 2011.01: Establishment of Ajin CM Company
- ▶ 2015.12: Water purifier carbon filter exports to China begin (ODM)
- ▶ 2017.10: Start of exporting industrial carbon filters to Japan(OEM)
- ▶ 2024.05: CM Filter trademark registration
- ▶ 2024.12: Start supplying air conditioner filters to LG Electronics

Water Treatment filter



This filter removes particles larger than 5µm in water and has a turbidity removal rate of at least 50%. It also protects the carbon filter installed at the next.



This carbon filter removes residual chlorine, heavy metals such as trihalomethanes (THMs: carcinogens), phenols, organic chemicals, and protects the membrane.



This filter removes contaminants larger than 0.1 microns, such as viruses and turbidity, without removing minerals.



The main role of this filter is to remove heavy metals

Water treatment Products/Size

Sediment & Carbon Filter

Filter Size

U-type (One way type)

Housing Size	In/Out Size	Filter size	Out Dia	allowance
3" inch	In/Out 1/4"	138mm	63¢	±5mm
3.5 inch	In/Out 1/4"	144mm	63¢	±5mm
4 inch	In/Out 1/4"	160mm	63¢	±5mm
6 inch	In/Out 1/4"	200mm	63¢	±5mm
8 inch	In/Out 1/4"	240mm	63¢	±5mm
10 inch	In/Out 1/4"	260mm	63¢	±5mm
11 inch	In/Out 1/4"	290mm	63¢	±5mm
13 inch	In/Out 1/4"	320mm	63¢	±5mm
14 inch	In/Out 1/4"	330mm	63¢	±5mm

I- Type(Double way Type)

Housing Size	In/Out Size	Filter size	Out Dia	allowance
6 inch	In/Out 1/4"	220mm	63¢	±5mm
8 inch	In/Out 1/4"	260mm	63¢	±5mm
11 inch	In/Out 1/4"	310mm	63¢	±5mm
13 inch	In/Out 1/4"	340mm	63¢	±5mm
14 inch	In/Out 1/4"	360mm	63¢	±5mm

BIDE Filter

Housing Size	In/Out Size	Filter size	Out Dia	allowance
5 inch	in/Out 15mm	135mm	45¢	±5mm
5 inch	in/Out 1/4"	152mm	45¢	±5mm
5 inch	in/Out 15/ 1/4:	143mm	45¢	±5mm

U/F Membrain Filter

Filter Size

U-type (One way type)

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R/O Membrain Filter

Filter Size

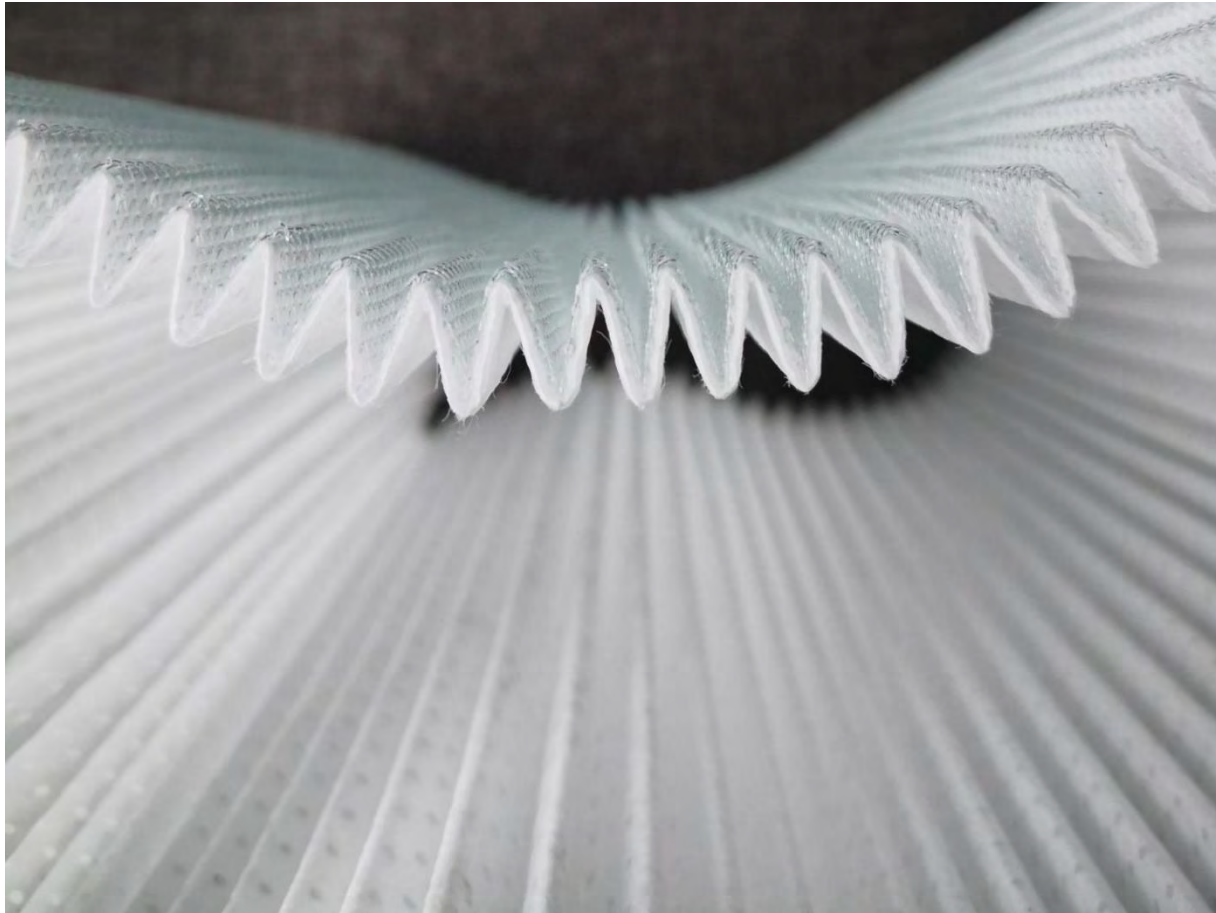
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New Material Development



Multilayer composite material

- Replace traditional industrial microporous membrane
- 2-7 multiple layers
- High material compatibility
- Pleated with other layer
- 1-5um
- 5-10um

Raw Material



Coconut from Sri Lanka and Philippines



charcoal made in Sri Lanka and Japan



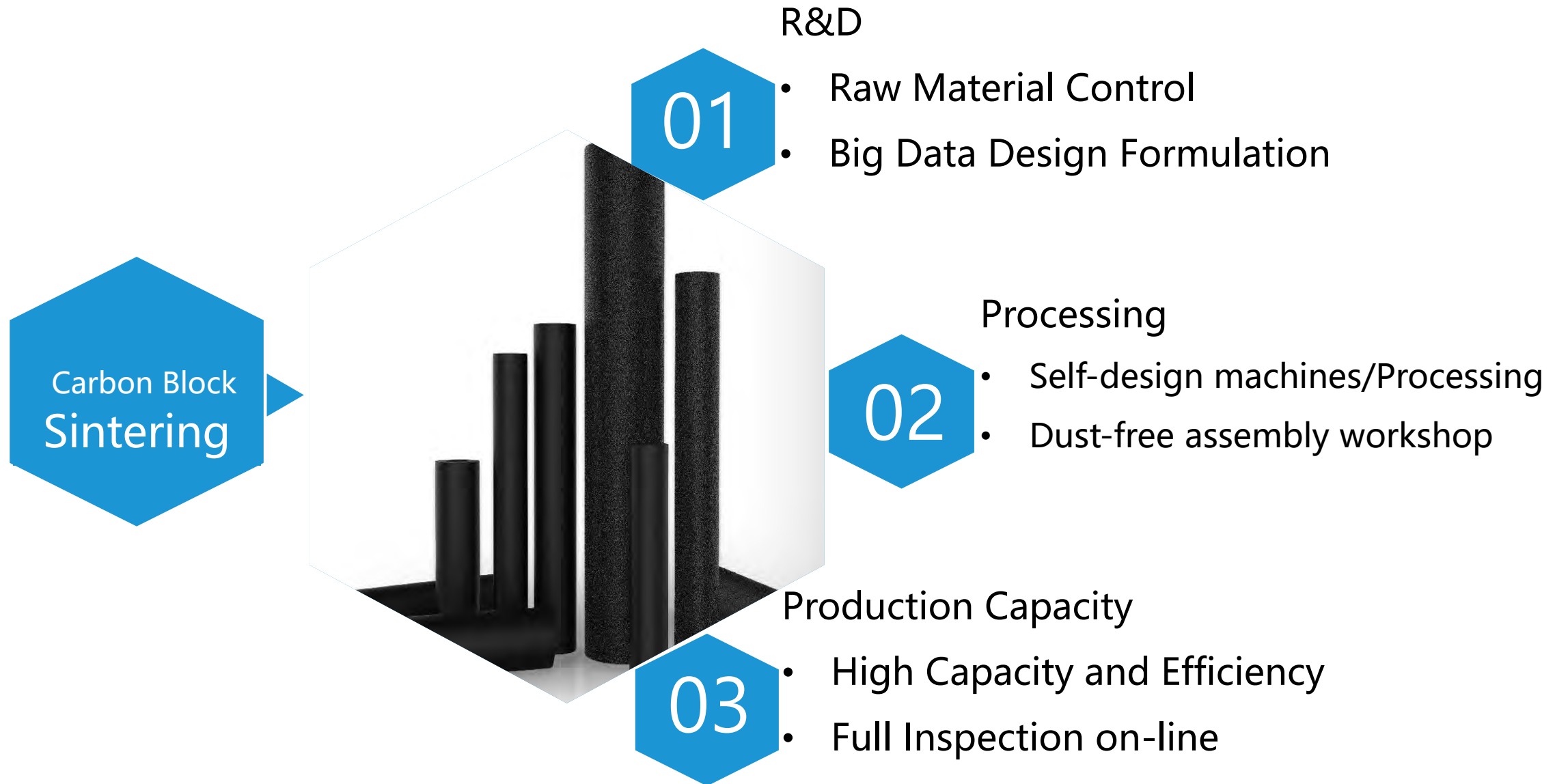
AC made in Sri Lanka and Japan



Traceable process
of raw material

Tested in Lab for 51 items





R&D

01

- Raw Material Selection
- Membrane Processing

Pleating Process

02

- Compatible with various materials
- Dust-free assembly workshop

Production Capacity

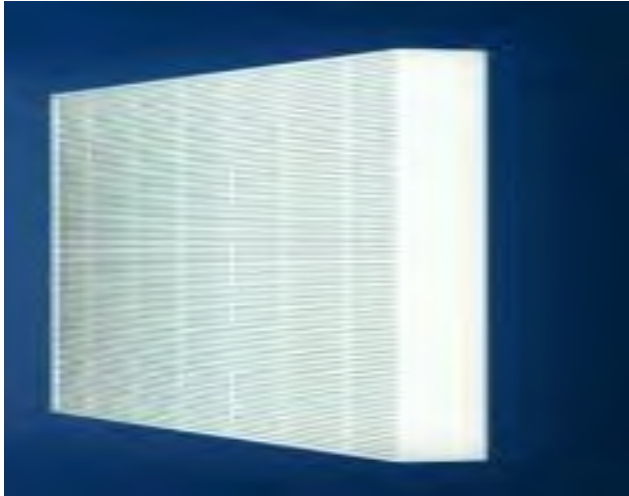
03

- High Capacity and Efficiency

Pleating
Filter



Dust filter



Filtering fine particles larger than 0.3 μ m;
Performance & Parameters: Pressure loss <35Pa,
filter efficiency >99%, up to 99.97% (In the case of
meltblown charging material, 0.3 μ m particles,
5.33cm/s wind speed) .

Application
Air purifier dust filter, Cavin filter, Air conditioning

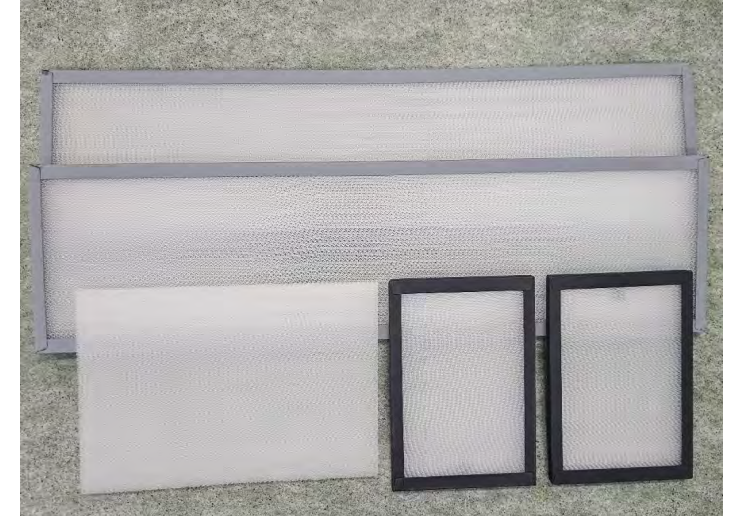
Deodorization filter



Adsorbs various types of harmful gases
and fine dust; Performance &
Parameters: Adsorption efficiency >90%
(30min)

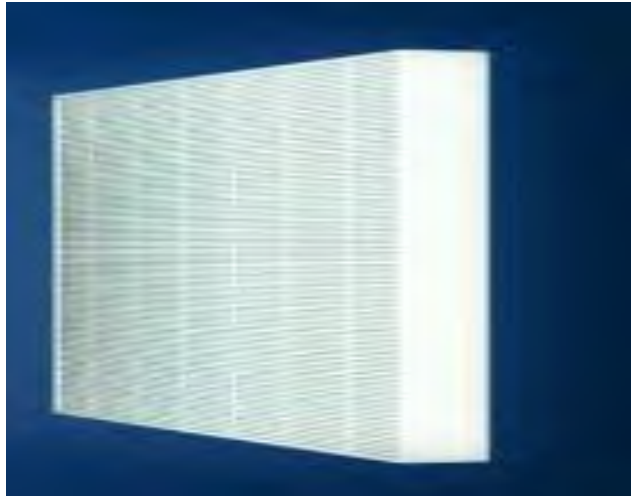
Application
Air purifier dust filter, Cavin filter, Air
conditioning

High Airflow Filtration filter



This product has a very high air flow rate
compared to existing non-woven filters, and has a
high capture rate for ultrafine dust particles (0.3
microns) that are harmful to the human body.

Application
Air conditioner filter, Natural ventilation filter



R&D

01

- Raw Material Control
- Big Data Design Formulation

Processing

02

- Adhesive Free Lami/Processing
- Low Pressure loss & High Air Flowrate

Production Capacity

03

- High Capacity and Efficiency
- Full Inspection on-line

R&D

01

- Raw Material Control
- Big Data Design Formulation

Deodorization
Filter



02

Processing

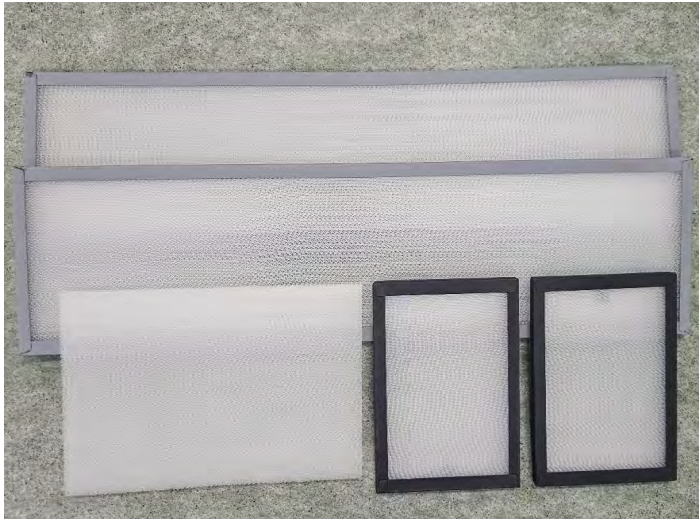
- Self-design machines/Processing
- Adhesive Free Lami/Processing
- Low Pressure loss & High Air Flowrate

Production Capacity

03

- High Capacity and Efficiency
- Full Inspection on-line

HAF
Filter



R&D

01

- Raw Material Control
- Big Data Design Formulation

Processing

02

- Self-design machines/Processing
- Adhesive Free Lami/Processing
- High Removal Efficiency

Production Capacity

03

- High Capacity and Efficiency
- Full Inspection on-line