

## gecomat® Demister

GECOMAT MIST ELIMINATOR is an essential tool for treating industrial exhaust gases to reduce pollution and enhance quality of life. We offer a high-performance, widely applicable demister with unique Gecomat green energy environmental control technology, which is resistant to strong acids and alkalis and easy to clean.

### Advantages



Filtration efficiency for mist exceeds 99%.



Effective demisting with low tendency to clog.



Increases demisting surface area and accelerates droplet formation.



Suitable for various environments and applications.



Effective Mold Prevention and Bacterial Inhibition



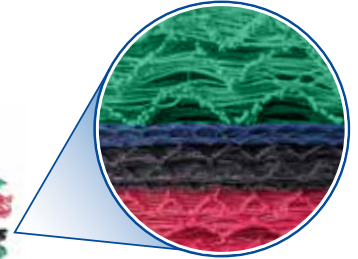
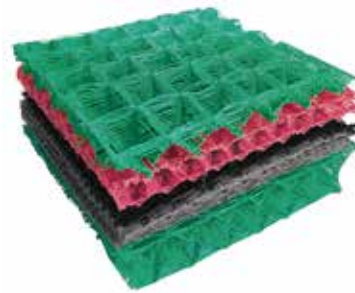
Resistant to strong acids and bases, can be washable and reusable.

### Applications

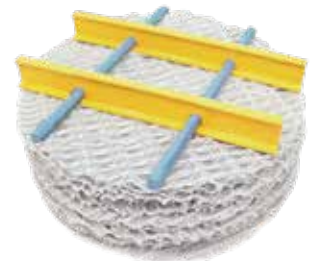
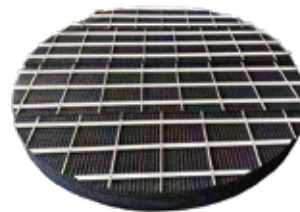
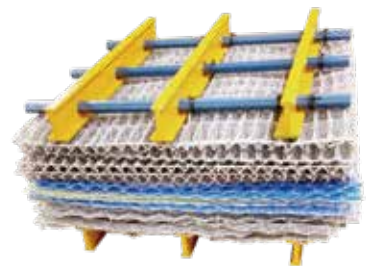
- Semiconductor and Electronics factory clean room filters
- Scrubber demisting filters | Pollution prevention equipment
- Acid and alkali washing equipment filters
- Industrial chimney filters | Aircraft filters
- Gas-liquid separator filters | Rail transit filters
- Indoor air conditioner filters | Cooling Tower filters

### Customized filters

- Customized Multilayer Demister Configuration



- Custom Fabrication of Various Demister Frames





Bacteria



Mildew



Odor



Formaldehyde



Smoke



NH3



TVOCs



NO



NO2



PM2.5



High capture efficiency



Easy to maintain



Durable



Long lifetime



Can be washed repeatedly



Low pressure loss



Light



Acid and Alkali-resistant



Low cost



Made in Taiwan

Airflow direction



Airflow direction

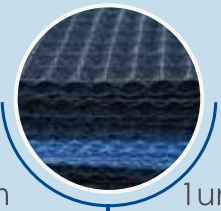
Primary

Medium-Efficiency

High-Efficiency



Single specification mist eliminator



Combined mist eliminator



High-efficiency mist eliminator

5um

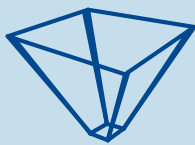
1um

0.8um

✓ Enhance demisting efficiency

✓ Increased demisting surface area

✓ Low Pressure Drop



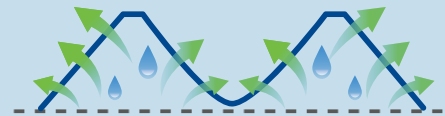
3D three-dimensional cone structure

Larger surface area

10mm 10mm



Promotes the outward dispersion of airflow, effectively condensing moisture into droplets.



HOP930D-37/97

Material	PP	Density	27 kg/m <sup>3</sup>	Fiber fineness	0.9 mm
Thickness	30 mm	Specific surface	136 m <sup>2</sup> /m <sup>3</sup>	Porosity (m <sup>3</sup> )	97%



HOP915D-37/94

Material	PP	Density	54 kg/m <sup>3</sup>	Fiber fineness	0.9 mm
Thickness	15 mm	Specific surface	275 m <sup>2</sup> /m <sup>3</sup>	Porosity (m <sup>3</sup> )	94%



HOP410D-16/96

Material	PP	Density	37 kg/m <sup>3</sup>	Fiber fineness	0.4 mm
Thickness	10 mm	Specific surface	385 m <sup>2</sup> /m <sup>3</sup>	Porosity (m <sup>3</sup> )	96%



HOP205D-8/96

Material	PP	Density	37 kg/m <sup>3</sup>	Fiber fineness	0.2 mm
Thickness	5 mm	Specific surface	758 m <sup>2</sup> /m <sup>3</sup>	Porosity (m <sup>3</sup> )	96%

Designated as the leading brand of demisters in Taiwan by major manufacturers. Various specifications are available to tailor the most suitable products to your needs.

Taiwan Semiconductor Manufacturing Company · China Steel Corporation · Chipbond Technology Corporation · ASE Technology Holding Co., Ltd. · Taipei Metro · Taiwan High-Speed Rail · Largan Precision Co., Ltd. · Innolux Corporation · Airbus · Robert Bosch · Panasonic, etc.