2G

GOODGOODS
GOOD SERVICES

CERTIFICATE

2G
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This is to certify that the Quality Management System of

2G SERVICE TRADING PRODUCTION CO., LTD

Has been assessed by ICA Certification
and found to conform with the requirements of

ISO 9001:2015
Quality Management System

Scope of certification:
Manufacture and distribution of air filter, dust filter, liquid filter and stainless steel wire mesh.

Certified location:
No. 155, Ngo Quyen Street, Hiep Phu Ward, District 9, Ho Chi Minh City.

Certificate no.: **0197/09Q/ICA**
This certificate is valid from **30th May, 2017** to **29th May, 2020**

Approved by:
Bui Thi Lan Huong

The validation of this certificate in 2018 and 2019 will be shown after each surveillance audit by ICA with the certification's maintaining decision.
This certificate verifies the original certificate that is issued and is valid, and at the same time, its content is shown on www.icacert.com or www.icacert.vn.

Page 1 of 1
1st Certification, dated 30/05/2017

CERTIFICATE

2G
GOODGOODS
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Chứng nhận Hệ thống Quản lý Chất lượng cho:

CÔNG TY TNHH SẢN XUẤT - THƯƠNG MẠI - DỊCH VỤ 2G

Đã được đánh giá phù hợp với tiêu chuẩn:

ISO 9001:2015
Hệ thống Quản lý chất lượng

Phạm vi chứng nhận:
Sản xuất và phân phối thiết bị lọc khí, lọc bụi, lọc chất lỏng và lưới thép.

Địa chỉ Công ty:
Số 155, Đường Ngô Quyền, Phường Hiệp Phú, Quận 9, Thành phố Hồ Chí Minh.

Chứng nhận số: **0197/09Q/ICA**
Giấy chứng nhận có hiệu lực từ **30/05/2017** *đến* **29/05/2020**

Phê duyệt bởi:
Bùi Thị Lan Hương

Hiệu lực của giấy chứng nhận trong các năm 2018 và 2019 sẽ được thể hiện kèm theo quyết định duy trì chứng nhận sau mỗi lần đánh giá giám sát hệ thống bởi ICA.
Chứng chỉ này xác minh Bản gốc Giấy chứng nhận đã được phát hành và có hiệu lực, đồng thời thông tin chứng chỉ được thể hiện trên website www.icacert.com hoặc www.icacert.vn.

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PREFACE

We are the Filtration Company. We are the partner that truly understands that the success of our customers depends on responsiveness, quality of product and continuity of supply.

We have the experience, resources and scale to accommodate any filtration need with the most precise, advanced and efficient solution. We offer a level of acumen and accountability no other provider can match.

We are a manufacture, marketing and distributer for filtration system:
- Separator HEPA Filter
- Mini-pleat HEPA Filter
- High Heat-resistance HEPA Filter
- V-bank HEPA Filter
- Mini-pleat ULPA Filter
- Medium Filter
- V-type Medium Filter
- Pocket Filter
- Pre Filter
- Metal Net Filter
- Activate Carbon Filter
- Nylon Pre filter
- HEPA Box
- Fan Filter Unit-FFU
- Pre Filter Roll (G1 – G4)
- Carbon Filter Roll
- Ceiling Filter Media
- Paint Stop Filter/Floor Filter/Fiberglass Filter Media
- Paint Filter Paper
- Dust Filter Bag
- Cartridge Filter

We believe:
- Quality Comes First.
- Consistent Quality.
- Application know-how to improve your filtration process.

Every day we strive to achieve the highest level of quality, productivity and efficiency.

Contact Us for Quotation On Industrial Filtration Solutions.
2G Service - Trading - Production Co., Ltd.
Add:155 Ngo Quyen Street, Hiep Phu Ward,
District 9, Ho Chi Minh City, Viet Nam
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www.lochepa.net
www.thietbilockhi.vn
www.lockhi.net

Air Filter Introduction

Air Filter Class

HEPA Filter

Sub HEPA Filter

Sub HEPA Filter Clean Class — **H10~H12**

Mini-pleat type	High Humidity Resistance V-type
High Heat Resistance with clapboard	V-type with clapboard
High Humidity Resistance with clapboard	Normal Clapboard type

HEPA

HEPA Filter Class — **H13~H14**

Separator HEPA Filter	Gel type HEPA Filter
Mini-pleat HEPA filter	Turret-style HEPA Filter
The High Heat Resistant separator HEPA Filter	
Humidity Resistance separator HEPA Filter	
Galvanized Frame V-type	DOP HEPA and ULPA Filter with hood
HEPA and ULPA Filter with hood	V-type activate carbon type
The HEPA Filter box in knock-down type	

ULPA

ULPA Filter Class — **U15~U17**

Mini-pleat ULPA Filter

Medium Filter

Medium Efficiency Series

- Synthetic fiber pocket filter
- Glass fiber pocket filter
- V-type
- Pleat type
- Mini-pleat type
- V-bank type
- Separator type
- High Humidity Resistance type

Medium Filter Clean Class — **F5-F9**

Pre Filter

Pre Filter Series

- Pleat prefilter
- Carbon filter
- Composite Rack
- Nylon filter
- Metal net filter
- High Heat Resistance filter
- Bag filter
- Tiled filter

Pre Filter Clean Class — **G1-G4**

Filtration Efficiency And Categories

Sub HEPA Filter Efficiency

Sub HEPA Filter
H10 ≥ 85% @ **0.3**μm
H11 ≥ 95% @ **0.3**μm
H12 ≥ 99.5% @ **0.3**μm

HEPA Efficiency

HEPA Filter
H13 ≥ 99.99% @ **0.3**μm
H14 ≥ 99.995% @ **0.3**μm

ULPA Filter Efficiency

ULPA Filter
U15 ≥ 99.9995% @ **0.12**μm
U16 ≥ 99.99995% @ **0.12**μm
U17 ≥ 99.999995% @ **0.12**μm

Medium Filter Efficiency

Medium Filter
F5 ≥ 45% @ **0.5**μm
F6 ≥ 65% @ **0.5**μm
F7 ≥ 85% @ **0.5**μm
F8 ≥ 90% @ **0.5**μm
F9 ≥ 95% @ **0.5**μm

Pre Filter Efficiency

Pre Filter
G1 ≥ 40% @ **2.0**μm
G2 ≥ 65% @ **2.0**μm
G3 ≥ 85% @ **2.0**μm
G4 ≥ 90% @ **2.0**μm

Separator HEPA Filter

Material And Operation Conditions

Media	Glass fiber
Sealant	Pu polyurethane
Frame	Aluminium/galvanized/stainless steel/wood frame
Separator	120g/m3 paper or 0.035mm aluminium foil
Gasket	Endless gasket, EVA, neoprene
Efficiency	99.99%~99.995% @ 0.3µm
Max. Temperature	80ºC
Max. Humidity	80%
Optional aluminium thickness	120~292mm

Product Information

Product Features:
1. Adopting wave type partition to keep fold spacing; getting best use of filter material at lowest resistance;
2. The glass fiber media formed cassette wrinkled layer at end of the pleat and this cassette can prevent the filter media from damage;
3. In a corrosive environment, you can use plating ethylene separato and reach efficiency of 99.99% and capture air dust of 0.3micron.

Advantages:
   Compact structure, low resistance, high dust holding capacity, even wind speed, versatility and convenient installation.
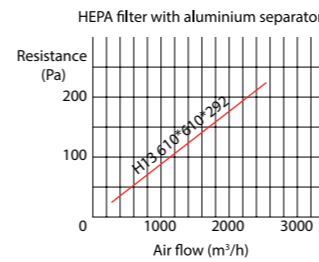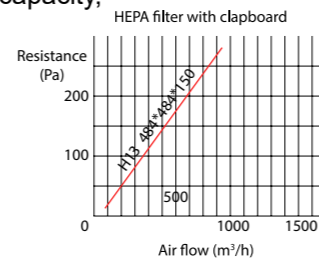
Application:
   Purifying air conditioning system, local purification equipment.

OEM:
   Customized design is available.

Techonology Parameters

Model	Size (WxHxDmm)	Air flow (m³/h)	Initial Resistance (≤pa)	Final Resistance (≤pa)
2GHF331	305 x 305 x 150	270	250	450 - 600
2GHF631	610 x 305 x 150	540	250	450 - 600
2GHF661	610 x 610 x 150	1000	250	450 - 600
2GHF961	915 x 610 x 150	1600	250	450 - 600
2GHF1261	1220 x 610 x 150	2160	250	450 - 600
2GHF332	305 x 305 x 292	480	250	450 - 600
2GHF632	610 x 305 x 292	960	250	450 - 600
2GHF662	610 x 610 x 292	1920	250	450 - 600
2GHF962	915 x 610 x 292	2900	250	450 - 600
2GHF1262	1220 x 610 x 292	4000	250	450 - 600
2GHHF331	305 x 305 x 150	420	250	450 - 600
2GHHF631	610 x 305 x 150	840	250	450 - 600
2GHHF661	610 x 610 x 150	1600	250	450 - 600
2GHHF961	915 x 610 x 150	2500	250	450 - 600
2GHHF1261	1220 x 610 x 150	3300	250	450 - 600
2GHHF332	305 x 305 x 292	720	250	450 - 600
2GHHF632	610 x 305 x 292	1400	250	450 - 600
2GHHF662	610 x 610 x 292	3400	250	450 - 600
2GHHF962	915 x 610 x 292	4500	250	450 - 600
2GHHF1262	1220 x 610 x 292	5000	250	450- 600

HEPA filter class H13~H14

Mini-pleat HEPA Filter

Material And Operation Conditions

Media	Glass fiber
Sealant	Pu two-component polyurethane rubber
Frame	Aluminium/galvanized/stainless steel/plastic
Separator	Hot melt bead
Gasket	Endless gasket, EVA, neoprene
Efficiency	99.99%~99.9995% @ 0.3µm
Max. Temperature	70ºC
Max. Humidity	100%
Optional aluminium thickness	46~150mm
Single foam plastic frame optional thickness	43mm

Product Information

Product Features:
1. It is used patent technology to ensure the full use of v-type passage;
2. The frame is extruded and anodized aluminium;
3. Using the special seamless sealing technology; the effect keeps for a long time and the airflow is even.
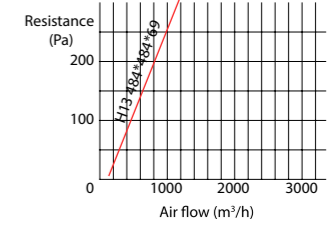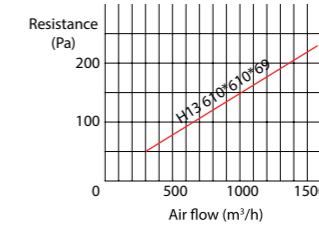
Advantages:
   Anti-aging technology, not chaneful form, a low resistance and long life-span.

Application:
   Often used for clean room.

OEM:
   Customized design is available.

Techonology Parameters

Model	Size (WxHxDmm)	Air flow (m³/h)	Initial Resistance (≤pa)	Final Resistance (≤pa)
2GHF336	305 x 305 x 69	180	150	450 - 600
2GHF636	610 x 305 x 69	500	150	450 - 600
2GHF666	610 x 610 x 69	1000	150	450 - 600
2GHF966	915 x 610 x 69	1600	150	450 - 600
2GHF1266	1220 x 610 x 69	2160	150	450- 600

HEPA filter class H13~H14

High Heat-resistance HEPA Filter

Material And Operation Conditions

Media	Micron glass fiber
Sealant	Red silica gel(250~280ºC) Ceramic glue(350~400ºC)
Frame	<250ºC aluminium/galvanized/stainless steel; >250ºC galvanized frame or stainless steel
Separator	0.035 thick aluminium foil
Gasket	Silicon gel plate (250~280ºC) Polyfluorteraenthyene (350~400ºC)
Efficiency	99.97%~99.995% @ 0.3μm
Max. Temperature	250~280ºC 350~400ºC
Max. Humidity	80%
Optional aluminium thickness	120~292mm

Product Information

Components:
　　It is used the glass fiber media, the aluminium foil separator, stainless steel frame and special high heat-resistance sealant.

Product Features:
1. It chooses the national famous brand filter media, and the efficiency can reach H13-H14;
2. The air flow can reach 99.99% @0.3μm;
3. It can be used at high temperature of 400oC;
4. The frame material and thickness are available.

Application:
1. Aviation, electronic, semiconductor, water, biological pharmaceutical, hospital, food processing, etc;
2. Air conditioning and ventilation system.

OEM:
　　Customized design is available.
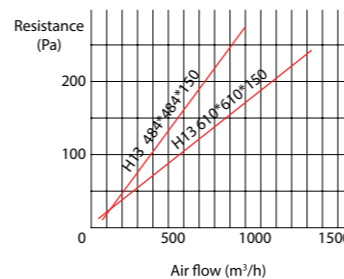
Resistance (Pa) vs Air flow (m³/h)

Techonology Parameters

Model	Size (WxHxDmm)	Air flow (m³/h)	Initial Resistance (≤pa)	Final Resistance (≤pa)
2GHHFT331	305 x 305 x 150	420	250	450 - 600
2GHHFT631	610 x 305 x 150	840	250	450 - 600
2GHHFT661	610 x 610 x 150	1600	250	450 - 600
2GHHFT961	915 x 610 x 150	2500	250	450 - 600
2GHHFT1261	1220 x 610 x 150	3300	250	450 - 600
2GHHFT332	305 x 305 x 292	720	250	450 - 600
2GHHFT632	610 x 305 x 292	1400	250	450 - 600
2GHHFT662	610 x 610 x 292	3400	250	450 - 600
2GHHFT962	915 x 610 x 292	4500	250	450 - 600
2GHHFT1262	1220 x 610 x 292	5000	250	450- 600

V-bank HEPA Filter

Material And Operation Conditions

Media	Glass fiber
Sealant	Pu polyrethane
Frame	Aluminium/galvanized/stainless steel/plastic frame
Separator	Hot melt bead
Gasket	Endless gasket, EVA, neoprene
Efficiency	99.99%~99.995% @ 0.3μm
Max. Temperature	70ºC
Max. Humidity	80%

Product Information
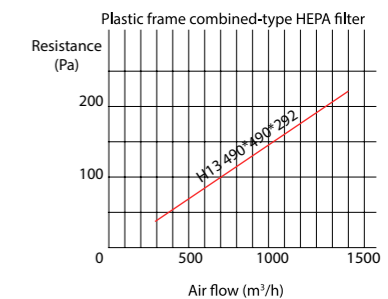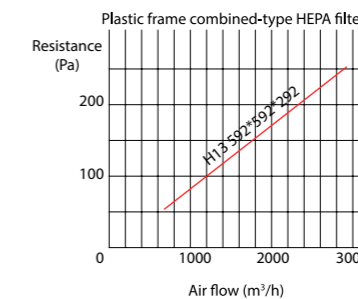
Product Features:
　　It can catches the dust of 0.3μm, the efficiency can reach 99.99%, the air flow can reach 4200m³/h.

Application:
　　Aviation, electronic, semiconductor, water, biological pharmaceutical, hospital, food processing, etc;

OEM:
　　Customized design is available.

Plastic frame combined-type HEPA filter — Resistance (Pa) vs Air flow (m³/h)

Plastic frame combined-type HEPA filter — Resistance (Pa) vs Air flow (m³/h)

Techonology Parameters

Model	Size (WxHxDmm)	Bank	Air flow (m³/h)	Initial Resistance (≤pa)	Final Resistance (≤pa)
2GVHF2522V	289 x 592 x 292	2	1200	350	450 - 600
2GVHF5523V	592 x 592 x 292	3	1770	350	450 - 600
2GVHF5524V	592 x 592 x 292	4	2400	350	450 - 600
2GVHF5525V	592 x 592 x 292	5	3200	350	450 - 600

Mini-pleat ULPA Filter

Media	American H&V micron glass fiber
Sealant	Pu Polyurethane
Frame	Aluminium/galvanized frame/stainless steel/plastic
Separator	Hot melt bead
Gasket	Endless gasket, EVA, Neoprene
Efficiency	99.9995%~99.999995% @ 0.12µm
Max. Temperature	70°C
Max. Humidity	100%
Optional aluminium depth	46~150mm
Optional plastic frame (endless gasket at one side)	43mm

Product Information

Product Features:
1. Adopts imported American H&V filter which has high humidity, good efficiency, low resistance and large dust holding capacity;
2. The frame is anodized aluminium, and with a face guard at inlet to protect the filter media from damage;
3. Special endless sealing gasket technology; good elasticity, no defoermation and no leakage.

Advantages:
Good appearance, strong structure, endless sealing gasket and convenient installation.

Application:
It's widely used in the high clean class of demanding work environment, such as: hospital operating rooms, laboratories, pharmaceutical rooms, microelectronics, film and fiber optic equipment, food prosessing plants, etc.

OEM:
Customized design is available.
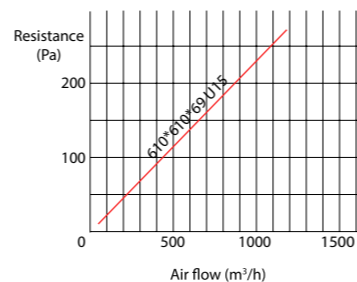
Resistance (Pa)

2GUF(69-0.19)

Air flow (m³/h)

Techonology Parameters

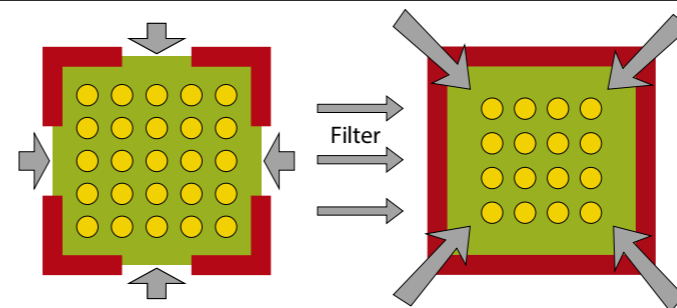| Model	Size (WxHxDmm)	Air flow (m³/h)	Initial Resistance (≤pa)	Final Resistance (≤pa)
2GUF336	305 x 305 x 69	180	150	450 - 600
2GUF636	610 x 305 x 69	500	150	450 - 600
2GUF666	610 x 610 x 69	1000	150	450 - 600
2GUF966	915 x 610 x 69	1600	150	450 - 600
2GUF1266	1220 x 610 x 69	2160	150	450- 600

Medium Filter Series

Medium Filter efficiency and level icon

The level of medium filter class from F7 to F9 correspond to different filtration efficiency. From the filtration efficiency and maximum dust particle diameter, medium filter has bigger advantages than pre-filter. It can improve filtration efficiency and reduce air pollution.

Class: F9, F8, F7, F6, F5

Efficiency: 40-50%, 60-70%, 80-85%, 90-95%, > 95%

Efficiency (%): 100%, 90%, 80%, 70%, 60%, 50%, 40%, 30%, 20%

Class: F5, F6, F7, F8, F9
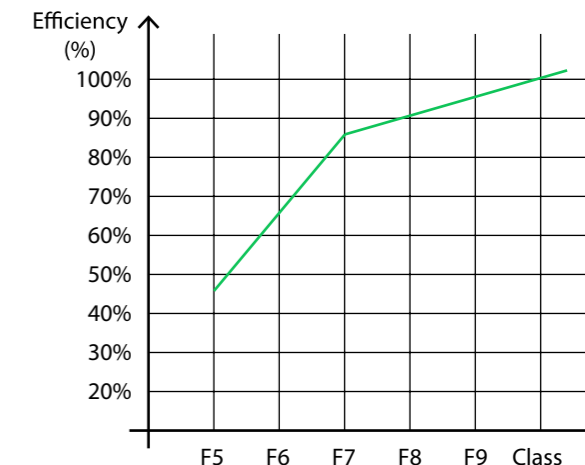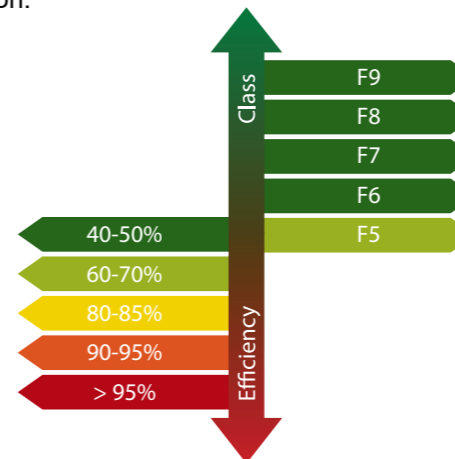
## Medium filter dust filter effect diagram

Filter

Before filter, gathered different direction and has a big number of dust, medium pocket filter is easy to gather large amounts of dust, due to the bag design. It has large dust holding capacity and can hold more dust particles and lock them without overflow.

After filtration, most of the dust has been filtrated. Due to the pocket design, dust is not easy to overflow, so it's more effective to achieve filtration purpose.

Medium filter applications

Medium pocket filter is widely used in the purification of the central air conditioning and ventilation systems, pharmaceuticals, hospitals, electronic and food industries. Medium pocket filter can also serve as the fisrt level for HEPA filters to reduce loading and extend life of HEPA filter. Because it has big surface wind speed, it has large dust holding capacity, high wind speed and is considered to be the best one in medium filter structure.

Application of medium filter

Air conditioning ventilation system

Medicine

Hospital

Electron

Food

Front filtration of HEPA filter
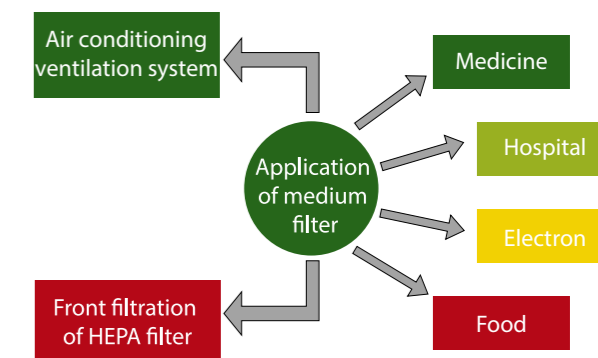
Medium Filter

Medium filters are mainly used to capture the dust particles of 0.5μm and over type. It's widely used for a variety of air-conditioning equipment, air-conditioning system, and also used for secondary level of filtration system. It can be used as primary filter for the air conditioning system to protect the next higher level filter and the system itself. At lowest requirement of clean room, the air can be sent to the work area directly after secondary filtration. The grade of medium filter: F7-F9.

Medium Filter Feature

- Large dust holding capacity and high wind speed.
- Adopt special synthetic or glass fiber to produce filter.
- The filter particle size above 0.5μm.
- Filter efficiency 40%-95% (colorimetry).
- Filter grade: F7-F9.
- To extend the replacement cycle, reduce costs.

Medium Filter Technology Parameters

Model	Size (WxHxDmm)	Air flow (m³/h)	Initial Resistance (≤pa)	Final Resistance (≤pa)	Efficiency
2GMF7367	305 x 610 x 75	1200	100	250 - 400	F7
2GMF7667	610 x 610 x 75	2300	100	250 - 400	F7
2GMF7362	305 x 610 x 292	1700	100	250 - 400	F7
2GMF7662	610 x 610 x 292	3400	100	250 - 400	F7
2GMF8367	305 x 610 x 75	1200	110	250 - 400	F8
2GMF8667	610 x 610 x 75	2300	110	250 - 400	F8
2GMF8362	305 x 610 x 292	1700	110	250 - 400	F8
2GMF8662	610 x 610 x 292	3400	110	250 - 400	F8
2GMF8367	305 x 610 x 75	1200	120	250 - 400	F9
2GMF9667	610 x 610 x 75	2300	120	250 - 400	F9
2GMF9362	305 x 610 x 292	1700	120	250 - 400	F9
2GMF9662	610 x 610 x 292	3400	120	250 - 400	F9

V-type Medium filter

Material And Operation Conditions

Media	Domestic/import high-humidity resistance glass fiber
Sealant	Polyurethane
Frame	Galvanized frame/aluminium/plastic
Separator	Hot melt bead
Gasket	EVA, Neoprene
Efficiency	65%~95% @ 0.5μm
Max. Temperature	70°C
Max. Humidity	80%~100%

Product Information

Product Features:
1. Big filtration area, low resistance, long lifespan.
2. It's a kind of environmental and ventilation V type filter.
3. Flange design, you can replace it with pocket filter.
4. Adopts water resistant ultra-fine fiber media and ABS plastic frame.

Application:
1. It can be used as the front filtration level for HEPA filter.
2. Widely used in pharmaceutical, electronics, food, hospitals and other industrial clean air conditioning.

OEM:
Customized design is available.
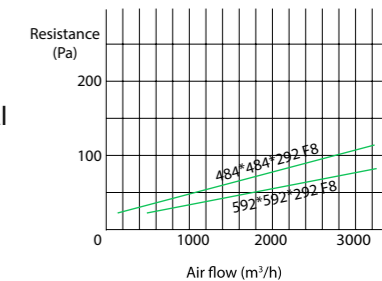
Medium filter class
F5-F9

Techonology Parameters

Model	Size (WxHxDmm)	Packs	Air flow (m³/h)	Initial Resistance (≤pa)	Final Resistance (≤pa)	Efficiency
2GMF75523V	592 x 592 x 292	3	2600	120	300 - 400	F7
2GMF75524V	592 x 592 x 292	4	3500	120	300 - 400	F7
2GMF75525V	592 x 592 x 292	5	4500	120	300 - 400	F7
2GMF85523V	592 x 592 x 292	3	2600	150	300 - 400	F8
2GMF85524V	592 x 592 x 292	4	3500	150	300 - 400	F8
2GMF85525V	592 x 592 x 292	5	4500	150	300 - 400	F8
2GMF95523V	592 x 592 x 292	3	2600	180	300 - 400	F9
2GMF95524V	592 x 592 x 292	4	3500	180	300 - 400	F9
2GMF95525V	592 x 592 x 292	5	4500	180	300- 400	F9

Pocket Filter

Material And Operation Conditions

Media	Synthetic fiber
Pocket-type	Sewing bag, Ultrasonic bag
Frame	Aluminium/galvanized frame/ stainless steel/plastic
Efficiency	45%~95% @ 0.5μm
Max. Temperature	80°C
Max. Humidity	100%
Optional aluminium depth	17~50mm
Optional plastic frame	21mm

Product Information

Product Features:
1. Big filtration area, low resistance, long lifespan.
2. It's a kind of environmental and ventilation V type filter.
3. Flange design, you can replace it with pocket filter.
4. Adopts water resistant ultra-fine fiber media and ABS plastic frame.

Application:
1. It can be used as the front filtration level for HEPA filter.
2. Widely used in pharmaceutical, electronics, food, hospitals and other industrial clean air conditioning.

OEM:
Customized design is available.

Medium filter class
F5~F9

Techonology Parameters

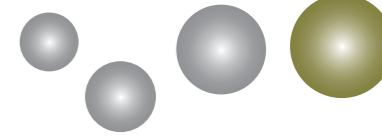| Model	Size (WxHxDmm)	Pockets	Air flow (m³/h)	Initial Resistance (≤pa)	Final Resistance (≤pa)	Efficiency
2GPF52533P	287 x 592 x 381	3	1700	50	250 - 300	F5
2GPF52534P	287 x 592 x 381	4	1700	50	250 - 300	F5
2GPF55536P	592 x 592 x 381	6	3400	50	250 - 300	F5
2GPF55536P	592 x 592 x 381	8	3400	50	250 - 300	F5
2GPF62533P	287 x 592 x 381	3	1700	65	250 - 300	F6
2GPF62534P	287 x 592 x 381	4	1700	65	250 - 300	F6
2GPF65536P	592 x 592 x 381	6	3400	65	250 - 300	F6
2GPF65536P	592 x 592 x 381	8	3400	65	250 - 300	F6
2GPF72533P	287 x 592 x 381	3	1700	80	300 - 400	F7
2GPF72534P	287 x 592 x 381	4	1700	80	300 - 400	F7
2GPF75536P	592 x 592 x 381	6	3400	80	300 - 400	F7
2GPF75536P	592 x 592 x 381	8	3400	80	300 - 400	F7
2GPF82533P	287 x 592 x 381	3	1700	105	300 - 400	F8
2GPF82534P	287 x 592 x 381	4	1700	105	300 - 400	F8
2GPF85536P	592 x 592 x 381	6	3400	105	300 - 400	F8
2GPF85536P	592 x 592 x 381	8	3400	105	300 - 400	F8
2GPF92533P	287 x 592 x 381	3	1700	120	400 - 450	F9
2GPF92534P	287 x 592 x 381	4	1700	120	400 - 450	F9
2GPF95536P	592 x 592 x 381	6	3400	120	400 - 450	F9
2GPF95536P	592 x 592 x 381	8	3400	120	400 - 450	F9
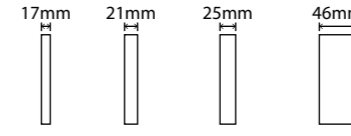
Pre Filter
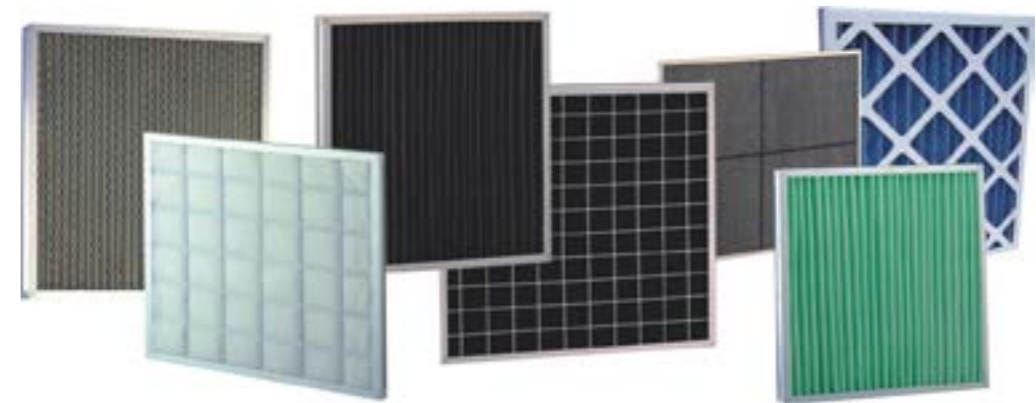
Pre filter is mainly used for filterating dust on big particle size. With domestic fiber and imported glass fiber and strong structure frame, box design can enlarge the filtration area and makes the filter in panel type.

Product features: cheap, low resistance, large air flow, large dust capacity, convenient replacement.

Pre Filter features

Air conditioning system standard primary production. High quality sythetic fiber material and large dust holding capacity.	The thickness of metal frame: Optional size 17mm, 21mm, 25mm, 46mm...	Dust weighing method to make sure the filter effeciency: 90%-95% (ASHARE 52.1-1992)
Welding wire type face guard can fix pleat pre-filter in strong structure. So that the filter is not easy to out of shape.	The sealant between media and cardboard frame can make sure there is no leakage after filtration.	Pleat type for pre-filter media can give large dust holding capacity and enlarge its working capacity.

Pre Filter Technology Parameter

Model	Size (WxHxDmm)	Air flow (m³/h)	Initial Resistance (≤pa)	Final Resistance (≤pa)	Efficiency
2GG2252	287 x 592 x 21	1700	25	100 - 250	G2
2GG2554	287 x 592 x 46	1700	25	100 - 250	G2
2GG2252	592 x 592 x 21	3400	25	100 - 250	G2
2GG2554	592 x 592 x 46	3400	25	100 - 250	G2
2GG3252	287 x 592 x 21	1700	35	100 - 250	G3
2GG3554	287 x 592 x 46	1700	35	100 - 250	G3
2GG3252	592 x 592 x 21	3400	35	100 - 250	G3
2GG3554	592 x 592 x 46	3400	35	100 - 250	G3
2GG4252	287 x 592 x 21	1700	40	100 - 250	G4
2GG4554	287 x 592 x 46	1700	40	100 - 250	G4
2GG4252	592 x 592 x 21	3400	40	100 - 250	G4
2GG4554	592 x 592 x 46	3400	40	100 - 250	G4

Metal net Filter

Material And Operation Conditions

| Media	Aluminium wave nets/stainless steel wave nets
Frame	Aluminium/galvanized steel/stainless steel
Protective net	Galvanized grid/stainless steel/brace
Max. Temperature	300°C
Max. Humidity	100%
Optional aluminium depth	10~50mm

Product Information

Product Features:
1. Standard pleat metal net is put into the frame. This design can decrease the space inside and reach good filtration purpose.
2. For environment of high temperature resistant to acid and alkali, we can choose stainless steel frame and stainless steel net;
3. Products high air volume, small resistance, repeat using, long life span characteristics

Application:
Application to central air conditioning except lampblack machine and primary filtration, special acid and alkali resistant or high temperature resistant ventilation filtering.

OEM:
Customized design is available.
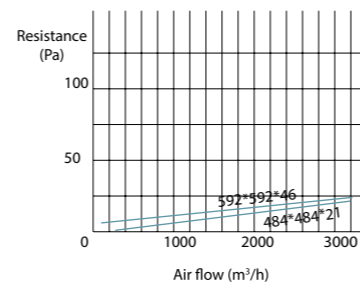
Techonology Parameters

Model	Size (WxHxDmm)	Air flow (m³/h)	Initial Resistance (≤pa)	Layer
2GMNF252	287 x 592 x 21	1700	20	3
2GMNF552	592 x 592 x 21	3400	20	3
2GMNF452	490 x 592 x 21	2600	20	3
2GMNF254	287 x 592 x 46	1700	20	3
2GMNF554	592 x 592 x 46	3400	20	3
2GMNF454	490 x 592 x 46	2600	20	3

Activate Carbon Filter

Material And Operation Conditions

Media	Activated carbon fiber
Sealant	Universal glue
Frame	Aluminium/galvanized steel/stainless steel/cardboard
Odor removal rate	>70%
Max. Temperature	80°C
Max. Humidity	Paper frame: 80% Other frame: 100%
Optional aluminium depth	17~96mm

Product Information

Product Features:
1. Standard panel pleat filter;
2. It can choose humidity-resistance cardboard frame or aluminium frame; cardboard frame can save cost;
3. Pleat type for media can give large dust holding capacity;
4. Sealant between media and frame can make filter without filtration;

Application:
The office, shopping mall, stadium, the airport, general industrial workshop, clean room of air ldistribution system on the filter.

OEM:
Customized design is available.
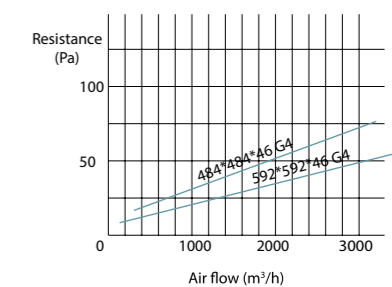
Techonology Parameters

Model	Size (WxHxDmm)	Air flow (m³/h)	Initial Resistance (≤pa)	Final Resistance (≤pa)	Odor removal rate (>)
2GCF252	287 x 592 x 21	1700	40	100 - 200	70%
2GCF552	592 x 592 x 21	3400	40	100 - 200	70%
2GCF452	490 x 592 x 21	2600	40	100 - 200	70%
2GCF254	287 x 592 x 46	1700	40	100 - 200	70%
2GCF554	592 x 592 x 46	3400	40	100 - 200	70%
2GCF454	490 x 592 x 46	2600	40	100 - 200	70%

Nylon Prefilter

Material And Operation Conditions

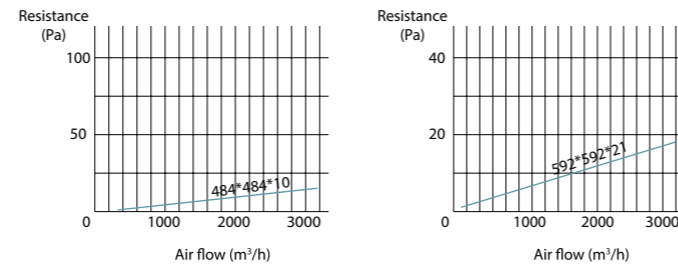| Media	Black nylon nets
Frame	Aluminium/Galvanized steel/Stainless steel
Max. Temperature	80ºC
Max. Humidity	100%
Optional aluminium	10~46mm

Product Information

Product Features:
1. Can choose the aluminium frame, galvanized steel, stainless steel frame materials, with nylon net media, good abrasion resistance and long lifespan.
2. Nylon nets filter air has less resistance, can repeat cleaning, long lifespan, the characteristics of high performance with cheap cost;

Application:
    Widely applied to central air conditioning, family expenses air conditioning special acid, alkali ventilation filters and clean room air return air conditioning filter mouth.

OEM:
    Customized design is available.

Resistance (Pa) / Air flow (m³/h) — 484*484*10

Resistance (Pa) / Air flow (m³/h) — 592*592*21

Techonology Parameters

Model	Size (WxHxDmm)	Air flow (m³/h)	Initial Resistance (≤pa)	Layer
2GNP2506	287 x 592 x 6	1700	15	1 - 2
2GNP5506	592 x 592 x 6	3400	15	1 - 2
2GNP251	287 x 592 x 10	1700	20	2 - 3
2GNP551	592 x 592 x 10	3400	20	2 - 3
2GNP552	287 x 592 x 21	1700	20	3 - 4
2GNP552	592 x 592 x 21	3400	20	3 - 4

Pre filter class G1~G4

HEPA Box

Material And Operation Conditions

Material contruction	SUS304 Powder Coating
Color	Off white/ option
Blow out surface	Perforated Steel Sheet c/w epoxy powder baked
Size of collar (mm)	Φ250-Φ300 / option
HEPA filter	Mini pleat hepa or Separator HEPA Filter
HEPA Frame	Aluminum/galvanized board
Efficiency	99,99% - 99,9995%@0,3micron
Max.Temperature	90oC, 250oC for High Heat-resistance Hepa filter
Max.Humidity	H&V glass fiber 100%

Product Information

Applications:
    End air blowing for clean workshops like: pharmacy, medical, food, electronic, semi-conductor etc.
Designed with gel sealant, the cabinet is made of quality cold-reduced sheet (stainless steel also for option).
Different PAO fog pipe, PAO sampling pipe and pressure difference pipe for options.

Techonology Parameters

Model	Box size (WxHxDmm)	Hepa Size (WxHxDmm)	Air flow (m³/h)	Initial Resistance (≤pa)	Final Resistance (≤pa)
2GHB676727	670 x 670 x 270	610 x 610 x 69	1000	150	450 - 600
2GHB976727	970 x 670 x 270	910 x 610 x 69	1600	150	450 - 600
2GHB1286727	1280 x 670 x 270	1220 x 610 x 69	2160	150	450- 600
2GHB676735	670 x 670 x 350	610 x 610 x 150	1600	250	450 - 600
2GHB976735	970 x 670 x 350	910 x 610 x 150	2500	250	450 - 600
2GHB1286735	1280 x 670 x 350	1220 x 610 x 150	3300	250	450- 600

HEPA Box

Fan Filter Unit-FFU

Item	Specification	Remarks
Module Size	600 * 1200 mm	Module size can be designed according to customers requirements besides standard module.
	900 * 1200 mm	
	750 * 1500 mm	
	1200 * 1200 mm	
Air Flow Velocity	1Φ	0.4/0.35/0.3 /m/s
	3Φ	0,35 m/s
Main Filter	HEPA	0.3µm Over 99.99%	HEPA: High Efficiency Particulate Air
	ULPA	0.1µm Over 99.9995%	ULPA: Ultra Penetration Air
		0.1µm Over 99.99995%	
		0.1µm Over 99.999995%	
	PTFE	0.1µm Over 99.9995%	PTFE: Poly Tetra Fluoro Ethylene
Main Body	Standard	Stainless Steel (SUS430)
	Option	Galvanized Sheet Iron
		AL-ZN Alloy Sheet
		Coating Sheet Iron
Power Supply	Standard	3Φ 220V 60Hz, 1Φ 220V 50Hz, 1Φ 220V 60Hz
	Option	3Φ 380V 50Hz, 3Φ 380V 60Hz, 3Φ 208V 50Hz, 3Φ 208V 60Hz
Option	• Pre-filter • Power plug and cable • Duct flange for suction air	As each FFU has over current relay unit, the capacity of switchboard can be applied up on request.

Standard Type

Module Size	Model	L1	L2	L3	L4	L5	L6
C	2GFU60120195	600	1200	574	1174	195	348
E	2GFU75150300	750	1500	724	1474	300	383
F	2GFU120120300	1200	1200	1174	1174	300	383
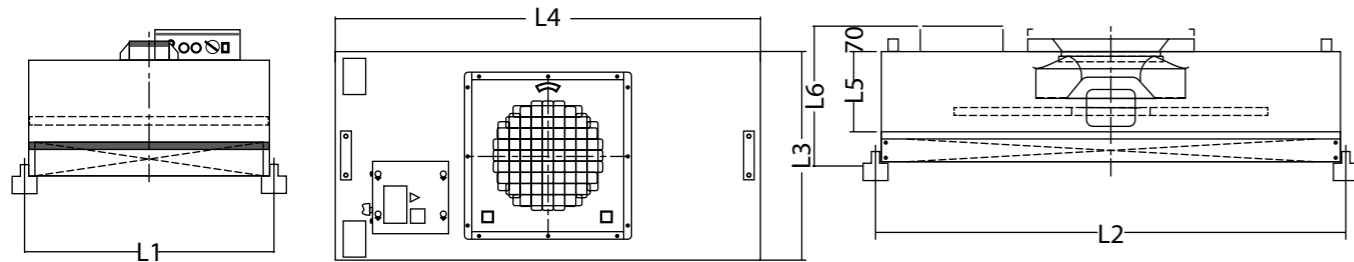
Pre Filter Roll

Product Information

Feature:
1. High-performance.
2. Large dust holding capacity.
3. Low initial reistance.

Application:
For use as a pre filter in air conditioning,Available in pre-cut pad sizes,-standard grade media From medium to heavy dirt loading conditions.

Techonology Parameters

Model	2GPRG1	2GPRG2	2GPRG3	2GPRG4
Material	Synthetic Fiber			
Thickness	5mm	10mm	15mm	20mm
Air velocity	2.0m/s	2.0m/s	1.5m/s	1.5m/s
Initial resistance	20Pa	20Pa	20Pa	25Pa
Final resistance	125Pa	200Pa	200Pa	250Pa
Average arrestance	65%	75%	85%	90%
Temperature Resistance	90°C	90°C	90°C	90°C
Temperature short peaks	100°C	100°C	100°C	100°C
Filtration class	G1	G2	G3	G4
Normal size	1m*20m/roll, 2m*20m/roll			
Color	White, Green white			

Activated Carbon Filter Material

Techonology Parameters

General Description	Activated Carbon Filter Media
Weight	200g/300g/m^2
Thickness	5mm/10mm
Size	1m x 20m/roll, 2m x 20m/roll
Gas Removal Rate	>85%
Dust Trapping Rate	>85%
Air Velocity	0.20m/s
Air Flow Rate	720m^3/h
Initial Resistance	10pa
Final Resistance	150pa
Carbon Percentage	≥50%
Benzene Absorption	≥25wt%

Product Information

Specifications:
1. Active Carbon Filter
2. Good Absorbtion of smoke, acid, odor.
3. ISO9001 certificate
4. Available in roll, pad, filter media, activated carbon air filter, carbon filter cloth, carbon filter pad.

Speciality:
1. Effectively removes odorous smell and irritant & contaminative gases.
2. Having both filtration and removing gas-phase pollution functions.
3. Excellent gas-phase filtration performance, suitable for ventilation circulation system.

Ceiling Filter Media

Techonology Parameters

Model	BCJKA-600G
Material	Polyester
Rated air flow	900m^3/h
Air velocity	0.25m/s
Humidity resistance	100%
initial resistance	30Pa
Final resistance	400Pa
Average arrestance	98%
Temperature resistance	120°C
Thickness	22mm
Dust holding	650g/m^2
Filtration class	F5
Size	1m x 20m, 1.6m x 20m, 2m x 20m

Product Information

Speciality:
1. It is made of the anti-break organic synthesis fiber in highpowered high melt way ,gradual structure... Using the technology which encrypts gradually the multi layered. The fiber density increases gradually toward pure air, high filter efficiency . According to the size of dust ,it can be prevent in the different density co accommodate more dust effectively.
2. Coherent processing, filter material to pass through soak the rubber fully. Fully imgrenated media with adhesive treatment makes dust particles unable to pass, uniform diffusion forms laminar flow to have perfect paint spray finish.
3. The wind surface of the mesh is specially compact, and also put a fishing net to strengthen it. This structure makes the filtering material keep the high filtering efficiency and large dust holding capacity. Even more, it can extend the working life. When using C-600G and C-560G on one hand, it can improve the good air quality, on the other hand, due to low resistance of the materials. It also can save the cost of system operation.
4. Concerning the entire coherency, the surface viscosity and dry processing, we have the ability to meet custom-ers' requests.
5. Conforming with European and American classifications standard in non-flammability (e.g.DIN53438-F1.UL900-class 2 with flame-out).

Using:
1. Applied to the air filtration for the painting factory, the spray workshop, baking varnish room and so on.
2. Applied to automotive factory, the automobile repair shop, the motorcycle factory, the bicycle factory, the oper-ating system of the household appliances painting.

Paint Stop Filter/ Floor Filter/ Fiberglass Filter Media

Product Information

Specifications:
1. High-arrestance filter.
2. Low compressibility.
3. Large dust holding capacity.
4. Low initial resistance.
5. EUROPE standard.

Standard: ISO 2001   ASHRAE   CEN   EUROVENT

Short introduction:
1. The fiber glass paint arrestor is an environmental filter with green and white color, the density is increased orderly and the bottom density is the largest. It is able to prevent the short fiber spread, to collect the dissociative particles and to protect the air circulation system and the ceiling filtration systems.
2. It is mainly used to absorb the over dissociative particles and decrease the pollution.

Purpose :
Specially for sprayed to catch to spray in the paint system of paint fog and stem the dust but design be applicable to an automobile, furniture, machine zero parts the dry type of etc. spray the paint system and car.

Product characteristic
1. Strong flexibility, the antisplit of the glass fiber filter the material fiber to present to pass to increase structure graduall, catching a rate high.
2. Can keep shape constant its filtering a fiber have to store paint fog dust. Wear to attach to fix on the material of defend a germ layer.
3. There is the color noodles to enter spirit noodles for the air. Don't contain silicon ketone.
4. Prevent fire the Class matches industrial standard DIN4102F1.

Performance parameters

Model	LH/PA-60/70	LH/PA-100
Weight	250g/m²	350g/m²
Average arrestance	92%-96%	97%-99%
Initial pressure drop	15Pa	20Pa
Final pressure drop	250Pa	280Pa
Air velocity	0.7-1.5m/s	0.7-1.75m/s
Dust holding at final	3200-3600g/m²	3600-4900g/m²
Temperature resistance	170°C	170°C
Temperature short peaks	190°C	190°C
Normal thickness	60/70mm	100mm
Normal size	0.8m*21m, 1m*20m , 2m*20m	

Note: Other specifications are available on request.

Paint Filter Paper

Product Information

Specifications:
1. Spray of wood and furniture.
2. Auto coating.
3. Paint spray booth.
4. Low price.
5. High quality.

Speciality:
1. This kind of paint filter paper is the most popular spray booth filter in the world.
2. The holding capacity is up to 5 times higher than other spray booth filter in the market.
3. It is made of two layers of kraft paper that is cong lutinant, poriferous, tensile, and it has more pleats to increase desilting area of paint particle, andincrease holding capacity.
4. Holding capacity is up to 20kg/m², and filter efficiency is up to 99.21%.

Advantages:
1. High Holding Capacity.
2. High Filtration Efficiency.
3. No Migration.
4. Optimum inertia separation.
5. Constant air flow in the paint booth.
6. Stability of static pressure.
7. It will only clog when totally loaded.
8. Less waste disposal for a given paint volume.
9. Lower frequency of filter change.
10. Fewer filters in inventory.
11. Less Maintenance.
12. Made of high strength water repellant recycled Kraft fiber paper.

Performance parameters

Model	Size	Depth	Air speed	Service	Efficiency	Holding capacity
AF-161	0.75*10m	60mm	0.5-1m/s	500-860h	98.30%	20kg/m²
	0.9*10m					
	1m*10m					
	1.2m*10m					

Dust Filter Bag

Product Information

Application:

It can filter normal atmospheric temperature or high-temperature gas including corroding gas mixed with acid and alkali, water, oil. Widely used in metallurgy, chemical industry, building materials, smelting, generating electricity, pottery, machinery, mine, petroleum, dyestuffs, food, grain processing, etc. It is an ideal medium to separate liquid from solid and ideal material to purify and filter gas.

Size: Up to the customer's requirements.

Technical Specifications:

All of our filter bags are available in many different weights, treatments and coatings to suit the industry application.

Standard and specific media materials are:

Name	Material	Weight (g/m²)	Thickness (mm)	Air permeabiltity (L/m2/S)	Tensile strength (N/5x20cm)		Tensile elongation (%)		Working temp (°C)		Finishing treatment
					Warp	Weft	Warp	Weft	Continuous	Short time	
100% Polyester fiber	Polyester fiber	500	1.8	200-350	≥1150	≥1500	<35	<40	130	150	Glazed one side
Polyester/e-PTFE membrance	Polyester fiber	500	1.8	30-60	≥1200	≥1500	<37	<35	130	160	Heat set, singed one side, PTFE
Polyester anti-static line needle felt	Polyester/anti-static line scrim	500	1.8	200-350	≥1100	≥1350	<35	<50	130	150	Heat set, singed one side
Polyester anti-static needle felt (blended)	PET + electric fiber	500	1.8	200-350	≥1160	≥1500	<35	<45	130	150	Heat set, singed one side
Oil-water repellent polyester needle felt	Polyester fiber	500	1.8	150-300	≥1200	≥1500	<30	<45	130	150	Heat set, singed one side, water-oil repellent
Acrylic needle felt	100% Homo-polymer Acrylic fiber	500	2	150-300	≥2100	≥1300	<20	<40	140	160	Heat set, glazedone side
PPS needle feil	Ryton staple fiber	500	2	150-300	≥2100	≥1300	<20	<40	140	160	Heat set, singed one side, water-oil repellent
Nomex needle felt	100% Aramid fiber	500	2	200-400	≥800	≥1000	<35	<45	204	240	Heat set, singed, calendered
Nomea e-PTFE membrane	100% Aramid fiber	500	2	30-60	≥800	≥1000	<35	<45	204	240	Heat set, singed, calendered
Glass fiber nonwoven needle felt	Glass fiber/glass fiber cloth scrim	900	2.1	200-300	≥2200	≥2100	<5	<5	240	280	Heat-set

2G

Cartridge Filter

Product Information

Filter Material:
1. Media: polyester, good paper
2. Operating efficiency: 99.9% on 1 micron
3. Washable: Several times
4. Maximum operating temperature: 200°F/93°C
5. Abrasion resistance: Excellent
6. Chemical tolerance: Excellent
7. Optional flame retardant media(FR): To order

Features:
1. Suitable for the filtration of very fine dust type in welding fumes Mechanical processing, pharmaceutical and construction industries And sticky dust collection.
2. Spun bonded polyester with PTFE membrane, microspore Offers 99.99% filter efficiency.
3. Wide pleat spacing and smooth, hydrophobic PTFE provides excellent particle release.
4. Excellent resistance to chemical erosion.
5. Electrochemical plate/stainless steel top and bottom, no rust Perforated zinc galvanized metal inner core allows good airflow.

Technical Specifications:

Model	O.D	I.D	Length
2GCT32216	Φ320mm	Φ215mm	600mm
2GCT 32236	Φ320mm	Φ230mm	600mm
2GCT 33226	Φ335mm	Φ220mm	600mm
2GCT322166	Φ320mm	Φ215mm	660mm
2GCT 322366	Φ320mm	Φ230mm	660mm
2GCT 332266	Φ335mm	Φ220mm	660mm
2GCT32219	Φ320mm	Φ215mm	900mm
2GCT 32239	Φ320mm	Φ230mm	900mm
2GCT 33229	Φ335mm	Φ220mm	900mm
2GCT 14585	Φ145mm	Φ80mm	500mm
2GCT 155875	Φ155mm	Φ87mm	500mm
2GCT 23136	Φ230mm	Φ130mm	600mm
2GCT 281686	Φ280mm	Φ168mm	600mm

Notes:
1. Optional construction and dimensions are available on all cartridges.
2. Please contact us to make optimal filtration solutions of your applications.

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