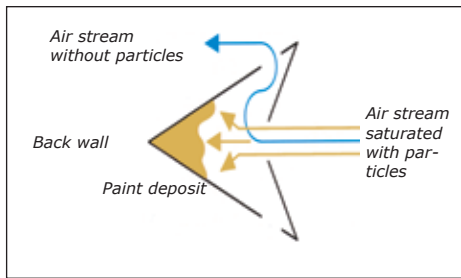




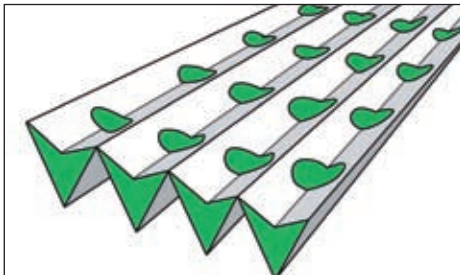
Filter systems For our environment



Function of Paper volume filter



GESCHA Paper volume filter



Structure of paper volume filter Type ECO.
Double layer folded cardboard with offset holes for longer use.

GESCHA Paper volume filters

For longer filter use and less maintenance cost

The advantages:

- **Extremely high filter capacity through collection pockets**
- Flame retardant
- Protects the environment and exhaust air
- High paint collection capacity and even air flow resistance during over spray collection
- Paint collection up to app. 18 kg/m²
- Packaged small to save storage space
- Available cut to size
- Efficient: Separation degree up to app. 98.1 %

Function:

Separation according to centrifugal force in the pocket systems. The holes on the suction side are arranged in order for the air stream to change direction and the spray mist is collected in the pockets. The air stream passage is free.

The accordion structure supplies more collection area and additional stability. Due to this principle, this filter is **especially applicable for spray mist** existing when using paint, oil, grease, glue and more.

The GESCHA Paint arrestor achieves a 3-5 times use increase based on its structure compared to regular filters.



Filter full

Paper volume filter							
Art.-No.	Description	Filter height	Filter length	Separation degree	Paint collection	Pressure difference	Velocity of advance
60120-075	P-ECO 750	750 mm	13500 mm	up 98,1 %	up 18 kg/qm	30-250 PA	0,5 - 1,0 m/s
60120-085	P-ECO 850	850 mm	11110 mm	up 98,1 %	up 18 kg/qm	30-250 PA	0,5 - 1,0 m/s
60120-090	P-ECO 900	900 mm	11110 mm	up 98,1 %	up 18 kg/qm	30-250 PA	0,5 - 1,0 m/s
60120-100	P-ECO 1000	1000 mm	10350 mm	up 98,1 %	up 18 kg/qm	30-250 PA	0,5 - 1,0 m/s

Paper volume filters are available in different variations, non flame retardant, with extension stop in front and combination with secondary filter matt

GESCHA Pocket filter



GESCHA Pocket filter

- Made of finest synthetic fibres
- Useable as pre filter for spray booths, fine dust filtration and air conditioning
- Complete depth of the filter collects dust
- Each size is delivered in a metal frame
- Special sizes available
- Self extinguishing (F1)
- Even air flow
- Humidity durable
- Temperature durable
- Measurements: Standard filter sizes available or customized. Supply width, height, pocket depth, number of pockets, filter quality, frame thickness desired.



GESCHA Pre Filters

- Save money due to longer filter usage
- **Paint- and lacquer collection**
- Non flammable acc. To DIN 4102
- Progressive filter construction (different size fibre diameters)
- Optimum on definable filter capacity and dust collection ability
- Measurements: in different widths on rolls 6 m, 20 m, 91 m or cut to size, please submit length and width desired.



GESCHA Pre Filters

GESCHA Fine dust filters / Ceiling filters

- Used for **end filtration on fresh air supply and spray booths** as well as spray walls incl. industrial spray cabins
- **High performance filter: Matt is made of none breakable, bound synthetic fibres**
- Progressive depth construction: the full depth of the matt can be used due to the densifying of fibres towards the clean air side.
- Optimal separation during painting: surface paint damaging particles can be separated because of the optimal fibre combination and adhesive set up.
- Measurements: in different widths on rolls 6 m, 20 m, 91 m or cut to size, please submit length and width desired.

material features for Fine dust filters

- EN779 tested
- paint compatible according to IPA-Standard
- humidity resistant up to 100 %
- temperature resistant up to 80°C
- silicone-free



GESCHA Fine dust filters

GESCHA Activated Carbon filter

- For **cleaning fresh air and exhaust air** from dangerous gas and smells
- Made from untreated i.e. impregnated strip coal
- Bayonet clip, easy to change filter unit
- Set up frame available for retrofit
- Measurements: Unit length 600 mm, diameter 145 mm



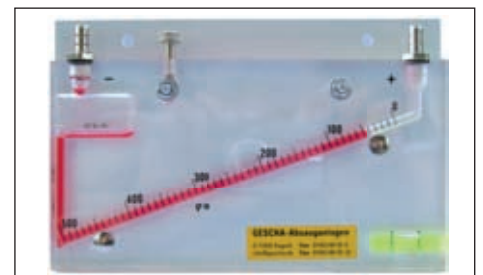
GESCHA Activated Carbon filter

GESCHA Filter control FI 1 SET

Made of heavy duty acrylic glass

To check filter saturation on spray booths, fresh air supply. On the liquid scale you can read the saturation degree. Easy to read scale 0-500 Pascal with zero setting with thumbscrew, Connection hose include in the set.

Filter control unit	
Art.-No.	Description
803-DW-SET-01	Filter Control - SET



GESCHA Filter control FI 1 SET

GESCHA Room Pressure Control

For measuring the room pressure inside the cabin (all openings closed). This allows to precisely check whether there is under pressure, **even pressure or over pressure**. For high quality paint jobs an absolute must! The measurement unit is available as integration unit RD E or casing unit RD G (picture). Calibrated optical pressure measuring unit Display -30/0/+30 Pascal, over pressure resistance 100 Pascal. Set with connection hose.

Room Pressure Control	
Art.-No.	Description
803-DW0060-01	Room Pressure Control-SET Integration version
803-DW0060-02	Room Pressure Control -SET Casing version



GESCHA Room Pressure Control