

RollSys



DESCRIPTION

The advantage of a roll filter with automatic unwound of the filter media is its compact dimensions in comparison with its working autonomy. In fact, the spaces required for lodging the filter media rolls can vary from 20% for small filters to 10% for big filters of the total filter surface. This technical conception is due to its rational mechanical construction and to the compressibility characteristics of the employed

filter media that allows to realize rolls with reduced diameters but in the same time with maximum unwindings to ensure a long autonomy of operation even at hard working conditions.

Roll Matic System

Class EN 779-2012: G3

Av.Arrastance EN779-2012: 80%

Class ISO 16890: ISO Coarse > 40%

Max. Temperature: 80-120°C

Relative Humidity: 100%

Advisable Cross Speed: 1.5 m/s

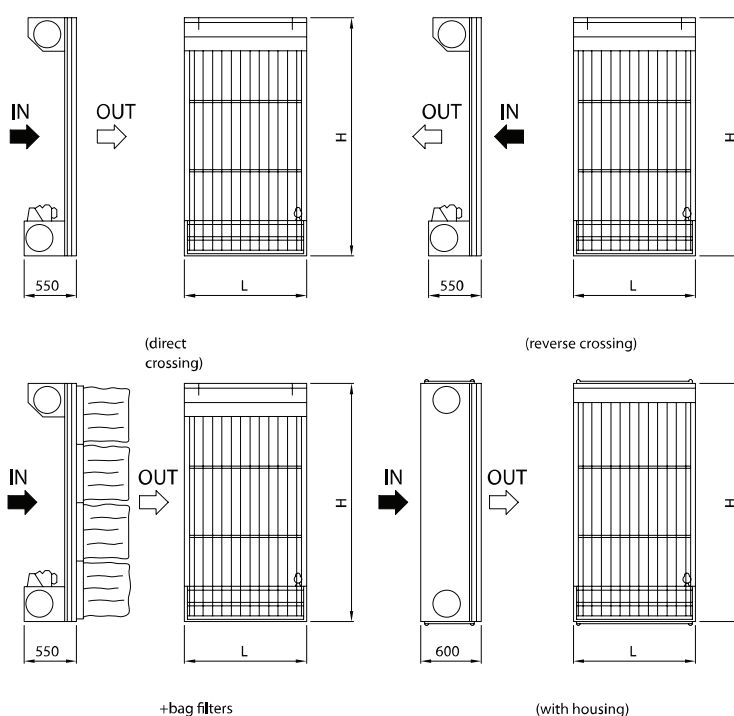
Flame Resistance: F1 DIN 53438

Filter Stage: I-II

Rec. Final Pres. Drop Acc.

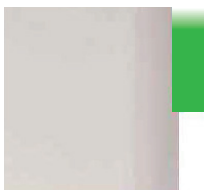
- EN 779-2012: 250 Pa.
- ISO 16890: 200 Pa.

Model	P/N	MGT's Reference	Filter Class EN779-2012	Filter Class ISO 16890	Weight gr / m ²	Thickness mm	Pressure Drop Pa	Dust Holding Capacity gr/m ²
R210-G3-Autoroll	520014M	RMROLL-SYT	G3	ISO COARSE >40%	210	15	12	350



MADE IN TURKEY

Manufacturer: MGT



High Temperature Filters / Glassfibre FilterMedia HT300

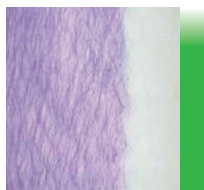
Progressively structured filtermedia, dual composed of finest glass fibers, bonded with a high temperature resistant resin for the filtration dust particles.

Application: Filtration of intake and circulating air in spray and drying booths.

Thickness: 50 mm

Filterclass: G4

Resistant up to 300°C



Hydropaint Collector

Progressively structured glassfibre filtermedia impregnated throughout a harmless gel especially designed for the filtration of fine and dry water based overspray particles.

Application: Filtration of water based overspray particles in spray booths of the surface treatment.

Thickness: 75 mm

Efficiency: 98,5 %



Synthetic Filter Media ASI HT200

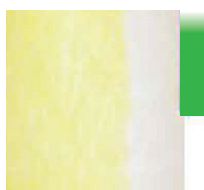
Progressively structured filtermedia composed of synthetic fibers, bonded with a high temperature binder for the filtration of fine dust particles.

Application: Filtration of the intake and circulating air in spray and drying booths.

Thickness: 15 mm

Filterclass: M5

Resistant up to 200°C



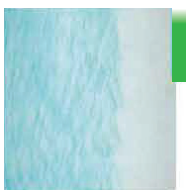
Hydropaint Collector

Progressively structured glass fibre filter media impregnated throughout with a harmless gel for the filtration of coarse dust particles

Application: As a preliminary filter for the filtration of coarse dust particles in general ventilation and air conditioning equipment.

Thickness: 25 / 50 / 100 mm

Efficiency: G2 – G4



Paint Collector

Progressively structured glassfibre filter media especially designed for the filtration of solvent based paint and lacquer particles.

Application: Filtration of solvent based paint and lacquer particles in spray booths of the surface-treatment.

Thickness: 25 / 50 / 75 / 100 mm

Efficiency: 90 – 98 %



Dust Collector 5"

Progressively structured glass fibre filtermedia impregnated throughout with a harmless gel for the filtration of large quantities of coarse dust particles.

Application: As a machine protection particularly installed as a preliminary filter of gas-turbines, on vessels and further industrial installations.

Thickness: 100 mm

Efficiency: G4



Blue-Pol

100% Polyester construction cleans easily with water available in rolls and pre-cuts (12–25 mm) cuts to full size of opening with scissors eliminating air by-pass

Rigid construction – needs no frame
Low resistance to air flow Fibers are unaffected by moisture Safe to handle – no fiberglass or sharp edges

Bi-directional air flow 80–90 % dust retention

Flame Retardent – self extinguishing



Dust Collector 5"

Progressively structured glass fibre filter media especially designed for the filtration of mist particles in environments with an extremely high atmospheric humidity. Fibres bonded with a particularly humidity resistant binder.

Application: Mist filtration in gas turbine power stations, on offshore platforms, sea coast areas and behind air washers.

Thickness: 75 mm

Efficiency: 99.8 %