



FMC

FOR LARGE VOLUME FLOW RATES WITH A HIGH DUST CONCENTRATION

Automatic roll filter media for the separation of coarse emissions in supply and extract air

- Filter class G3 (coarse dust filter)
- In cassettes or on steel spools for automatic roll filter units
- Tested to EN 779

Application

Application

- Automatic roll filter media type FMC for the separation of coarse dust in ventilation systems

Description

Filter classes

- Coarse dust filters G3

Media type

- G02: Glass fibre medium (50 mm thick)
- C21: Chemical fibre medium (8 mm thick)

Construction

- CAS: Filter medium in a cassette
- CASN: Filter medium in a cassette, neutral
- RFMS: Filter medium on a cardboard tube (Schirp)
- RFMA: Filter medium on a steel spool (AAF)
- RFMD: Filter medium on a cardboard tube (Delbag)

Construction features

- Glass fibre filter media sprayed with dust binding agent, resulting in increased arrestance and preventing dust carry over
- For all TROX-o-mat automatic roll filter units: in a cassette
- For automatic roll filter units from other manufacturers: on cardboard tube or steel spool
- Dimensions correspond to the unit width, filter roll length: 20 m

Materials and surfaces

- Filter media made of glass fibres or chemical fibres

INFORMATION TECHNIQUE

Media type	G02	C21
Filter class according to EN 779	G3	
Average arrestance according to EN 779	86 %	86 %
Filter thickness	50 mm	8 mm
Nominal face velocity	3.1 m/s	2.5 m/s
Initial differential pressure at nominal volume flow rate	80 Pa	80 Pa
Maximum operating temperature	100 °C	100 °C

Automatic roll filter medium FMC for the separation of coarse dust in ventilation systems.

Filter medium available in cassettes for the TROX-o-mat automatic roll filter unit, or on cardboard tube or steel spool for the automatic roll filter units from other manufacturers.

The filter roll length is 20 m, filter class G3. Automatic roll filter media available in various sizes according to the width of the unit.

Glass fibre filter media are sprayed with dust binding agent, resulting in increased arrestance and preventing dust carry over.

Materials and surfaces

- Filter media made of glass fibres or chemical fibres

Construction

- CAS: Filter medium in a cassette
- CASN: Filter medium in a cassette, neutral
- RFMS: Filter medium on a cardboard tube (Schirp)
- RFMA: Filter medium on a steel spool (AAF)
- RFMD: Filter medium on a cardboard tube (Delbag)

Sizing data

- Filter class
- Volume flow rate [m³/h]
- Initial differential pressure [Pa]
- Nominal size [mm]

FMC

FMC – G3 – G02 – CAS / 1850				
1	2	3	4	5

1 Type

FMC Automatic roll filter media

2 Filter class

G3 Coarse dust filter according to EN 779

3 Media type

G02 Glass fibre medium, 50 mm thick
C21 Chemical fibre medium, 8 mm thick

4 Construction

CAS Filter medium in a cassette
CASN Filter medium in a cassette, neutral
RFMS Filter medium on cardboard tube (Schirp)
RFMA Filter medium on steel spool (AAF)
RFMD Filter medium on cardboard tube (Delbag)

5 Nominal size [mm]

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