

ROLL-MATIC FILTERS RULO-MATİK FİLTRELER

Glass Fiber Roll Filters
Cam Elyaf Rulo Filtreler



SPARE GLASS FIBER ROLL FILTERS FOR ROLL-MATIC

ROLL-MATİK İÇİN YEDEK
CAM ELYAF RULO FİLTRELER

DESCRIPTION

Automatic roll filters are made of elastic glass fiber material of progressive construction. This means that the fibers are increasing in density in direction to the clean on side "when the roller reaches the pollution pressure, used by opening clean side used by opening clean side"

APPLICATIONS

Used as prefilter in industrial production areas. It reduces operating costs and provides high efficiency.

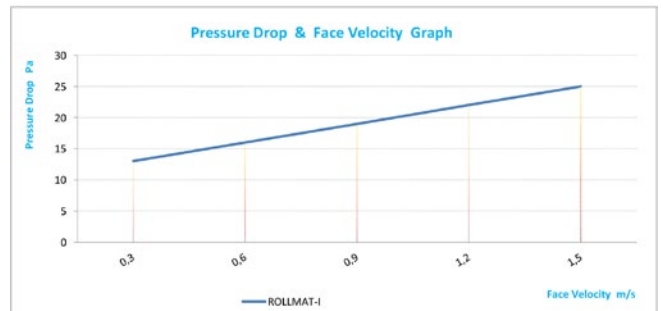
AÇIKLAMALAR

Otomatik rulo filtreler esnek yapıda cam elyaf liflerden oluşan malzemeden yapılmıştır. Elyaflar temiz yönde yoğunluğu artan yapıdadır. Rulo kirlilik basıncına ulaştığında temiz tarafı açılarak kullanılır.

UYGULAMALAR

Endüstriyel üretim alanlarında ön filtre olarak kullanılır. İşletme maliyetlerini düşürür ve yüksek verimlilik sağlar.

Filter Class	EN 779-2012	G3
Filtre Sınıfı	ISO 16890-COARSE	>40%
Average Efficiency	EN 779-2012	80 %
Ortalama Verimlilik	ISO 16890-COARSE	>40%
Max. Temperature	120 °C	
Maks. Sıcaklık		
Relative Humidity	100%	
Bağıl Nem		
Advisable Cross Speed	1,5 m/sn	
Tavsiye Edilen Hava Hızı		
Rec. Final Pres. Drop Acc.	EN 779-2012	250 Pa.
Tav. Edilen Son Basınç Düşümü	ISO 16890	200 Pa.
Filter Stage	I	
Filtre Kademesi		
Roll Size	536-836-1141-1446-1751-1950-	
Rulo Ölçüleri	2010-2056 mm	



Filter Code	Filter Class EN 779-2012	Average Efficiency EN 779-2012	Filter Class ISO 16890	Filter Weight gr / m ²	thickness mm	Initial P.D. Pa.	Final P.D. Pa.	Dust Holding Capacity gr/m ²
ROLLFILTER-4INC1160	G3	85%	ISO COARSE 40%	290	60	48	200-250	350

ROLL-MATIC FILTERS

RULO-MATİK FİLTRELER

Synthetic Fiber Roll Filters
 Sentetik Elyaf Rulo Filtreler



DESCRIPTION

Automatic roll filters are made of elastic synthetic filter media reinforced a mesh support. This filter medium has a progressive structure, which means that the density of fibers is increasing towards the clean air side. This progressive structure ensures a high dust holding capacity and guaranteed efficiency.

APPLICATIONS

Used as prefilter in industrial production areas. It reduces operating costs and provides high efficiency.

ADVANTAGES

High dust holding capacity. High performance with low pressure drop. Strong against high bursting pressure.

AÇIKLAMALAR

Otomatik rulo filtreler esnek yapıda sentetik elyaf malzemeden yapılmış hava çıkış yönü örgü desteği ile güçlendirilmiştir. Filtre malzemesi lif yoğunluğu anlamında ilerleyen bir yapıya sahiptir. Bu kademeli yapı yüksek toz tutma kapasitesi ve verimliliği garantiler.

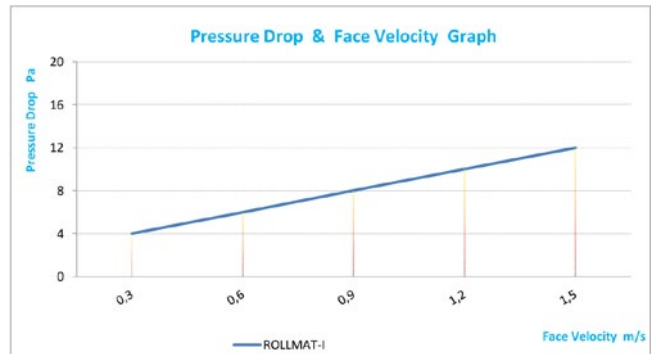
UYGULAMALAR

Endüstriyel üretim alanlarında ön filtre olarak kullanılır. İşletme maliyetlerini düşürür ve yüksek verimi sağlar.

AVANTAJLARI

Yüksek toz tutma kapasitesi.
 Düşük basınç kaybı ile yüksek performans.
 Yüksek patlama basıncına karşı güçlü.

Filter Class	EN 779-2012	G3
Filtre Sınıfı	ISO 16890-COARSE	>40%
Average Efficiency	EN 779-2012	80%
Ortalama Verimlilik	ISO 16890-COARSE	>40%
Max. Temperature	90 °C	
Maks. Sıcaklık		
Relative Humidity	100%	
Bağıl Nem		
Advisable Cross Speed	1,5 m/sn	
Tavsiye Edilen Hava Hızı		
Rec. Final Pres. Drop Acc.	EN 779-2012	250 Pa.
Tav. Edilen Son Basınç Düşümü	ISO 16890	200 Pa.
Flame Resistance	F1 DIN 53438	
Alev Direnci		
Filter Stage	I	
Filtre Kademesi		
Roll Size	536-836-1141-1446-	
Rulo Ölçüleri	1751-1950-2010-2056 mm	



Filter Code	Filter Class EN 779-2012	Average Efficiency EN 779-2012	Filter Class ISO 16890	Filter Weight gr / m ²	thickness mm	Initial P.D. Pa.	Final P.D. Pa.	Dust Holding Capacity gr/m ²
ROLLFILTER-4INC1160	G3	85%	ISO COARSE>40%	210	10	12	200-250	350

ROLL-MATIC RULO-MATİK



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.

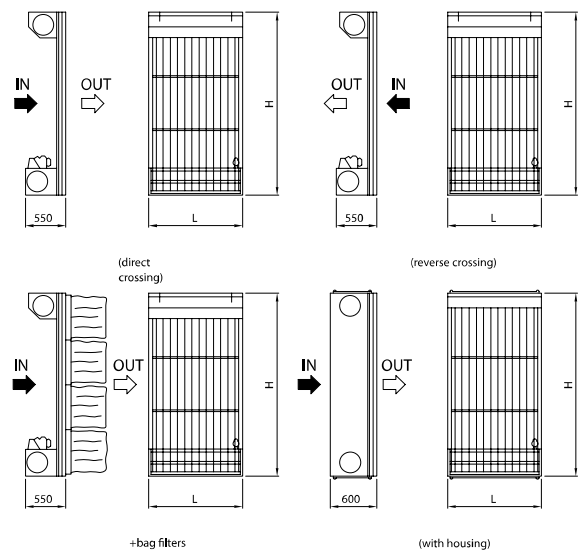
AÇIKLAMALAR

Filtre ortamının otomatik olarak çözülmüş bir rulo filtrenin avantajı, çalışma özerkliğine kıyasla kompakt boyutlarıdır. Aslında, filtre rulolarını yerleştirmek için gereken boşluklar küçük filtreler için %20 büyük filtreleri için %10 arasında değişmektedir. Bu teknik anlayış, rasyonel mekanik yapısından ve düşük çaplı rulolarla gerçekleştirilmesine izin veren, aynı zamanda zorlu çalışma koşullarında bile uzun bir çalışma özerkliği sağlamak için maksimum tek sargılarla aynı anda maksimum sargılarla gerçekleştirilebilen kullanılan filtre ortamının sıkıştırılabilirlik özelliklerinden kaynaklanmaktadır.

Filter Code	Filter Class EN 779-2012	Average Arrastance	Filter Weight gr / m ²
RMROLL-SYT	G3	86%	210

thickness mm	Initial P.D. Pa.	Final P.D. Pa.	Dust Holding Capacity gr/m ²
15	12	250	350

Filter Class	EN 779-2012	G3
Filtre Sınıfı	ISO 16890-COARSE	>40%
Average Efficiency	EN 779-2012	80%
Ortalama Verimlilik	ISO 16890-COARSE	>40%
Max. Temperature	80 - 120 °C	
Maks. Sıcaklık		
Relative Humidity	100%	
Bağıl Nem		
Advisable Cross Speed	1,5 m/sn	
Tavsiye Edilen Hava Hızı		
Rec. Final Pres. Drop Acc.	EN 779-2012	250 Pa.
Tav. Edilen Son Basınç Düşümü	ISO 16890	200 Pa.
Flame Resistance	F1 DIN 53438	
Alev Direnci		
Filter Stage	I - II	
Filtre Kademesi		





**High Temperature Filters/
Glassfibre Filter Media HT300**

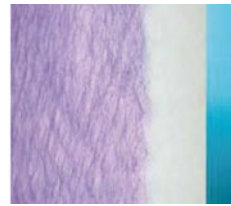
Progressively structured filtermedia composed of finest glass fibers, bonded with a high temperature resistant resing for the filtration dust particles.

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

Thickness : 50mm

Filterclass : G4

Resetant up to 300°C



Hydropaint Collector

Progressively structured glassfibre filtermedia impregnated throughout with 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: 75mm

Efficiency: 98,5 %



**Synthetic Filter Media
ASIHT200**

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

Application: Filtration of the in take and circulating air in spray and drying booths. Thickness: 15mm

Filterclass: F5

Resetant up to 200°C



Hydropaint Collector

Progressively structured glass fibre filter media impreg nated 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 / 100mm

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 / 100mm

Efficiency: 90 - 98 %

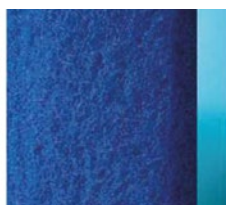


Dust Collector 5"

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 preliminariy filter of gas-turbines, on vessels and further industrial installations.

Thickness: 100mm

Efficiency: G4



Blue-Pol

100% Polyester construction cleans easily with water available in rolls and pre-cuts (12mm and 25mm) 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 mositure

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 desgred for the filtration of mist particles in environments with an extremely high atmospheric humidity. Fibres barded 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: 75mm

Efficiency: 99,8 %