



GENERAL FILTER
GROUP | Air quality experts



TECHNICAL FOLDER

POLITEX V70C

PAINT FILTER

Specifications

Code	SF70CV
Name	V70C
Description	

Applications

Coalescent pre-filter in turbo-gas plants. Pre-filtration in civil and industrial air treatment plants.

Sizes

dimensions	roll 0,635x20	m
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Technical data

composition	glass fiber	
regeneration	no	
nominal thickness	60	mm
max. working temperature	120	°C
max. working R.H.	100	%
nominal weight	280	g/m ²
advisable cross speed	1,5 - 2,5	m/s
initial pressure drop	28 - 48	Pa
final pressure drop	200	Pa
average gravimetric efficiency	89	%
dust holding capacity	422	g/m ²
classification (EN 779:2012)	G3	
classification (ISO 16890)	coarse 50	%
flame resistance	F1 - DIN.53438	

Rev. 01_12

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TECHNICAL FOLDER

POLITEX V100

PAINT FILTER

Specifications

Code	SF100VR4
Name	V100
Description	

Applications

Spray booths as "paint stop". Pre-filtration in civil and industrial air treatment plants.

Sizes

dimensions	roll 2x20	m
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Technical data

composition	glass fiber	
regeneration	no	
nominal thickness	110	mm
max. working temperature	120	°C
max. working R.H.	100	%
nominal weight	360	g/m ²
advisable cross speed	A=0,5-1,5 B=1,5-2,5	m/s
initial pressure drop	A=10-30 B=30-45	Pa
final pressure drop	200	Pa
average gravimetric efficiency	94	%
dust holding capacity (paint-stop)	10000-15000	g/m ²
classification (EN 779:2012)	G4	
classification (ISO 16890)	coarse 60	%
flame resistance	F1 - DIN.53438 ; non combustible BS476: PART 4: 1970	

Notes

A=painted separation B=air treatment plants

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TECHNICAL FOLDER

POLITEX V30PS

PAINT FILTER

Specifications

Code	SF300PR1
Name	V30PS
Description	

Applications

Spray booths as "paint stop". Pre-filtration in civil and industrial air treatment plants.

Sizes

dimensions	roll 1x20	m
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Technical data

composition	glass fiber	
regeneration	no	
nominal thickness	60	mm
max. working temperature	120	°C
max. working R.H.	100	%
nominal weight	200	g/m ²
advisable cross speed	A=0,5 B=1,5	m/s
initial pressure drop	A=8 B=16	Pa
final pressure drop	200	Pa
average gravimetric efficiency	82	%
dust holding capacity	4000 paint	g/m ²
classification (EN 779:2012)	G3	
classification (ISO 16890)	coarse 50	%
flame resistance	F1 - DIN.53438	

Notes

A=painted separation B=air treatment plants

Rev. 00_19

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TECHNICAL FOLDER

POLITEX V50

PAINT FILTER

Specifications

Code	SF500VR1
Name	V50
Description	

Applications

Spray booths as "paint stop". Pre-filtration in civil and industrial air treatment plants.

Sizes

dimensions	roll 1x20	m
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Technical data

composition	glass fiber	
regeneration	no	
nominal thickness	60	mm
max. working temperature	120	°C
max. working R.H.	100	%
nominal weight	250	g/m ²
advisable cross speed	A=0,5-1 B=1,5-2,5	m/s
initial pressure drop	A=30 B=40	Pa
final pressure drop	200	Pa
average gravimetric efficiency	87	%
dust holding capacity (paint-stop)	5500	g/m ²
classification (EN 779:2012)	G3	
classification (ISO 16890)	coarse 50	%
flame resistance	F1 - DIN.53438	

Notes

A=painted separation B=air treatment plants C=filter rolls

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