



SYNTHETIC FILTER MEDIA  
2" POLY



DESCRIPTION

Progressively built up resin bonded polyester fibre – non toxic with a high mechanical structure. A medium performance filter media with a high dust holding capacity and a high average gravimetric assistance.

SUGGESTED APPLICATION

For medium grade filtration in air conditioning systems and as pre filtration to high efficiency filters in critical air conditioning and process plants.

TECHNICAL DATA

Dry Weight	400	g/m <sup>2</sup>
Arrestance (DIN 24185/BS6540)	87	%
Nominal Air Volume	3400	m <sup>3</sup> /h per m <sup>2</sup>
Air Velocity	2.85	M/s
Initial Pressure Drop	135	Pa
Final Pressure Drop	250	Pa
Filter Classification	G3	Grade
Maximum Temperature	80	oC
Maximum Humidity	100	oC
Dust Holding Capacity	673	g/m <sup>2</sup>
Colour	White	
Washability	Not recommended	
Flammability (DIN 53438)	Class F1 (Self Extinguishing)	

<u>PRODUCT</u>	<u>THICKNESS (mm)</u>	<u>WIDTH(m)</u>	<u>LENGTH(m)</u>
2" POLY	50	2.05	10



SYNTHETIC FILTER MEDIA  
PST 290si



DESCRIPTION

Progressively built up thermal bonded 100% polyester fibre – non toxic with a high mechanical structure.

SUGGESTED APPLICATION

For use in air conditioning devices and installations, particularly Spraybooths and drying cabinets

TECHNICAL DATA

Dry Weight	250 g/m <sup>2</sup>
Arrestance (DIN 24185/BS6540)	92.1% @ 5µm
Nominal Air Volume	3985 m <sup>3</sup> /h m <sup>2</sup>
Air Velocity	1.10 M/s
Initial Pressure Drop	40 Pa
Final Pressure Drop	250 Pa
Filter Classification	G4 Grade
Maximum Temperature	80C
Maximum Humidity	100%
Dust Holding Capacity	476g/m <sup>2</sup>
Colour	Blue/White
Washability	Limited
Flammability (DIN 53438/3)	Class F1 Self Extinguishing

<u>PRODUCT</u>	<u>THICKNESS (mm)</u>	<u>WIDTH(m)</u>	<u>LENGTH(m)</u>
PST 290si	20	2.05	20
PST 290si	20	1.00	20



## SYNTHETIC FILTER MEDIA SPEU 480



### DESCRIPTION

Progressively built up thermal bonded 100% polyester fibre – non toxic with a high mechanical structure. A high performance filter with a high average dust holding capacity and high dust weight arrestance. This fine filter is additionally treated with a special adhesive fluid to prevent dust loss due to vibration. This media is reinforced with a supporting scrim on the clean air side to increase stability and to ensure correct installation, and is ideally suited to applications where the media needs to be stretched to be retained within some booth holding frames.

### SUGGESTED APPLICATION

For fine filtration in air conditioning devices and installations, particularly final filtration in Automotive Spraybooths and drying cabinets

### TECHNICAL DATA

Dry Weight	510 g/m <sup>2</sup>
Arrestance (DIN 24185/BS6540)	96.3%
Air Velocity	0.25 M/s
Initial Pressure Drop	23 Pa
Final Pressure Drop	400 Pa
Filter Classification	F5 Grade
Maximum Temperature	80C
Maximum Humidity	80%
Dust Holding Capacity	399 g/m <sup>2</sup>
Colour	White
Washability	No
Flammability (DIN 53438)	Class 1 Self Extinguishing

<u>PRODUCT</u>	<u>THICKNESS (mm)</u>	<u>WIDTH(m)</u>	<u>LENGTH(m)</u>
SPEU 480	20	2.05	20
SPEU 480	20	1.00	20



SYNTHETIC FILTER MEDIA  
T15-150 Si



DESCRIPTION

Progressively built up thermal bonded 100% polyester fibre – non toxic with a high mechanical structure.

SUGGESTED APPLICATION

For use in air conditioning devices. Especially suited for use in high velocity units.

TECHNICAL DATA

Dry Weight	130g/m <sup>2</sup>
Arrestance (DIN 24185/BS6540)	76.7%
Nominal Air Volume	5400 m <sup>3</sup> /h
Air Velocity	1.5 M/s
Initial Pressure Drop	15 Pa
Final Pressure Drop	160 Pa
Filter Classification	G2 Grade
Maximum Temperature	120C
Maximum Humidity	100%
Dust Holding Capacity	410g/m <sup>2</sup>
Colour	White
Washability	Limited
Flammability (DIN 53438)	Class 1 Self Extinguishing

<u>PRODUCT</u>	<u>THICKNESS (mm)</u>	<u>WIDTH(m)</u>	<u>LENGTH(m)</u>
T15-150Si	13	2.05	20



SYNTHETIC FILTER MEDIA  
T15-350 Si



DESCRIPTION

Progressively built up thermal bonded 100% polyester fibre – non toxic with a high mechanical structure.

SUGGESTED APPLICATION

For use in air conditioning devices and installations such as spraybooths and drying cabinets.

TECHNICAL DATA

Dry Weight	275g/m <sup>2</sup>
Arrestance (DIN 24185/BS6540)	91.2%
Nominal Air Volume	5400 m <sup>3</sup> /h
Air Velocity	1.5 M/s
Initial Pressure Drop	25 Pa
Final Pressure Drop	210 Pa
Filter Classification	G4 Grade
Maximum Temperature	120C
Maximum Humidity	100%
Dust Holding Capacity	678g/m <sup>2</sup>
Colour	White
Washability	Yes
Flammability (DIN 53438)	Class 1 Self Extinguishing

<u>PRODUCT</u>	<u>THICKNESS (mm)</u>	<u>WIDTH(m)</u>	<u>LENGTH(m)</u>
T15-350Si	15	2.05	20



SYNTHETIC FILTER MEDIA  
T15-500 Si



DESCRIPTION

Progressively built up thermal bonded 100% polyester fibre – non toxic with a high mechanical structure.

SUGGESTED APPLICATION

For use in air conditioning devices and installations such as spraybooths and drying cabinets.

TECHNICAL DATA

Dry Weight	425g/m <sup>2</sup>
Arrestance (DIN 24185/BS6540)	93%
Nominal Air Volume	5400 m <sup>3</sup> /h
Air Velocity	1.5 M/s
Initial Pressure Drop	35 Pa
Final Pressure Drop	250 Pa
Filter Classification	G4 Grade
Maximum Temperature	80C
Maximum Humidity	100%
Dust Holding Capacity	540g/m <sup>2</sup>
Colour	White
Washability	Yes
Flammability (DIN 53438)	Class 1 Self Extinguishing

<u>PRODUCT</u>	<u>THICKNESS (mm)</u>	<u>WIDTH(m)</u>	<u>LENGTH(m)</u>
T15-500Si	20	2.05	20



SYNTHETIC FILTER MEDIA  
TA 500



DESCRIPTION

Progressively built up thermal bonded 100% polyester fibre – non toxic with a high mechanical structure. A high performance filter with a high average dust holding capacity and high dust weight arrestance. This fine filter is additionally treated with a special adhesive fluid to prevent dust loss due to vibration.

SUGGESTED APPLICATION

For fine filtration in air conditioning devices and installations, particularly final filtration in Automotive Spraybooths and drying cabinets

TECHNICAL DATA

Dry Weight	500g/m <sup>2</sup>
Arrestance (DIN 24185/BS6540)	98%
Nominal Air Volume	900m <sup>3</sup> /h m <sup>2</sup>
Air Velocity	0.25 M/s
Initial Pressure Drop	54 Pa
Final Pressure Drop	450 Pa
Filter Classification	F5 Grade
Maximum Temperature	100C
Maximum Humidity	100%
Dust Holding Capacity	223 g/m <sup>2</sup>
Colour	White
Washability	No
Flammability (DIN 53438)	Class 1 Self Extinguishing

<u>PRODUCT</u>	<u>THICKNESS (mm)</u>	<u>WIDTH(m)</u>	<u>LENGTH(m)</u>
TA 500	20	2.05	20
TA 500	20	1.00	20