

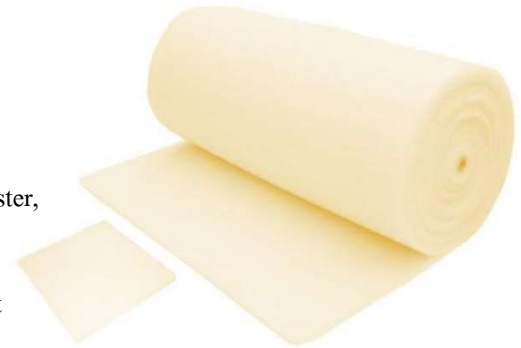
# High temp Acrylic polyester prefilter

## BPS SERIES

แผ่นกรองอากาศขั้นต้นแบบม้วน ผลิตจากเส้นใยอะคริลิก (Acrylic) ทนอุณหภูมิได้สูงถึง 150 องศา สามารถดักฝุ่นละอองที่มีขนาด 1-10 ไมครอน ได้มากถึง 99% ใช้สำหรับกรองอากาศขั้นต้น ก่อนที่จะเข้าไปถึงชั้น Medium Filter และ Hepa Filter

### PRODUCT DESIGN :

High quality polyester media combine with flame retardant acrylic binder impregnation resisting to 150°C temperature. filter media are generally made of extremely fine, very elastic and regular polyester, whose density increases from the air-intake to the clean-air side. As a result of this progressive structure, which is the most important characteristic for a high-performance dust holding capacity.



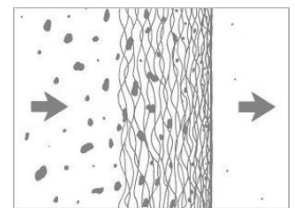
FILTER GLASS :



### PRODUCT DESCRIPTION :

- ☒ High efficiency protection of the motors as well as the exhaust duct
- ☒ Low pressure drop for saving of energy-cost due to a solid stability of the filter media
- ☒ Progressive density structure of the media for extremely long service life

FEARURES :



### APPLICATIONS :

Using for oven production line exhaust air arrestor filter or exhaust filter in paint spray booth, paint production line or other. And high temperature using condition as ventilation.

### PERFORMANCE :



MODEL	EU Class EN 779	Average efficiency % Removal	Standard size Width x Length (m.)	Thickness approx mm.	Weight per unit area g/m2	Pressure Drop mmAq
BPS - 600	G4	>95%	2.0 x 20.0 m.	20 ± 2	560 ± 10%	10

### SPECIFICATION :

**Material :** Polyester acrylic binder impregnation

**Recommended final pressure :** 38 mmAq

**Using temperature :** 150°C (KSK 1550 Testing method)

**Dust collection efficiency :** 95% (ASHRAE STANDARD 52.1)

**Dust holding efficiency :** 316.8 g/m2 (ASHRAE STANDARD 52.1)

**Air velocity :** 2.5 m/s

**Flame retardant :** F1 - DIN 53438

**Eco – friendly :** Y

**Eurovent :** 4/5

**Regenerable :** Washable