

ABP Absolute Filter Bag

Introduction

Cooperated with Taiwan Academia Science, Microteck has successfully developed polypropylene microfiber for ABP filter bag. ABP filter bag provides is featured by it's high cleanliness with stable filtration efficiency.



Features and Benefits

- ⊙ Polypropylene microfiber provides high performance of removing particles
- ⊙ Multilayered construction, excellent performance of filtering soft particles
- ⊙ >99% filtration efficiency, broadly applied in chemical industry
- ⊙ Customized service available
- ⊙ Free of adhesive, resins and binders

Specification

Micron Rating (μm) : 0.2 · 1 · 5 · 10 · 25 · 50

Recommended Operating Differential Pressure : $\leq 1.5 \text{ kg/cm}^2$

Max. Operating Differential Pressure : $\leq 2 \text{ kg/cm}^2$

Max. Operating Temperature : 80°C

Filtration Efficiency

Material	Model	Filtration Efficiency(μm)					$\Delta\text{P}(\text{bar})$ SIZE 2 @10m ³ /h
		>60%	>90%	>95%	>99%	>99.9%	
Polypropylene	ABP0.2	-	-	0.2	0.45	1	0.09
	ABP1	0.2	0.5	0.8	1	3	0.22
	ABP5	1	2	3	5	15	0.05
	ABP10	2	4	5	10	25	0.04
	ABP25	5	10	15	25	35	0.03
	ABP50	15	25	35	50	75	0.03

Initial Pressure Drop

