

ROCKET BAG TYPE FILTER CARTRIDGE

*Pleated filter
element*

**RPO / RPE
/ RPG series**



Rocket pleated bag type filter cartridge is a new innovative product, and a great alternative to standard filter bags. Using a unique pleating structure, Rocket provides up to four times the filter area compared to standard filter bag.

Applications

- Automotive degreasing and washing fluids
- Steel emulsions and bath filtration
- Process cooling water
- Membrane pre-filtration
- Granular cooling fluids
- Coal-water slurry
- Desalination processes
- Machinery cutting fluids and many more

Features and benefits

- Unique pleated structure provides up to four times the filter area than common
- Available as absolute (four-layer melt-blown filter material) with efficiencies up to 99.9% and nominal (two-layer needle felt filter material) rated filter bags
- Conical cap seal
- Fits into standard restrainer baskets

- Reduces maintenance costs due to longer lifetime
- Material is free from craterforming substances (such as silicones etc.)¹⁾*

Filter specifications

Materials

PO: Polypropylene
 PE: Polyester
 PG: Fiber glass

Seal ring

Beato welded polypropylene / polyester seal ring

O-rings (option)

NBR, Silicone, EPDM, Viton

Retention ratings

Absolute:

PO: 1,5,10 µm
 PE: 1,5,10,25 µm
 PG: 1,5,10,25 µm

Nominal :

PO: 1, 5, 10, 25, 50,100, 200 µm
 PE: 1, 5, 10, 25, 50,100, 200 µm

Dimensions / Parameters

Sizes

01: Ø 178 x 350 mm
 02: Ø 178 x 700 mm

Filter area

01: 1.1 m²
 02: 2.2 m²
 02: 3.2 m² (only for fiber glass)

Max. differential pressure²⁾

2.5 bar

Recommended change-out pressure drop for disposal³⁾

≈ 0.8 to 1.5 bar

Maximum operating temperatures

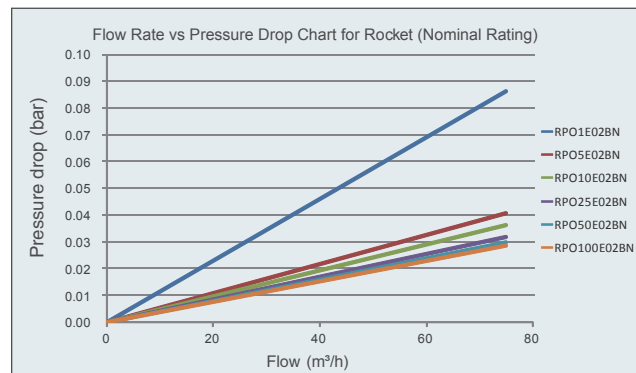
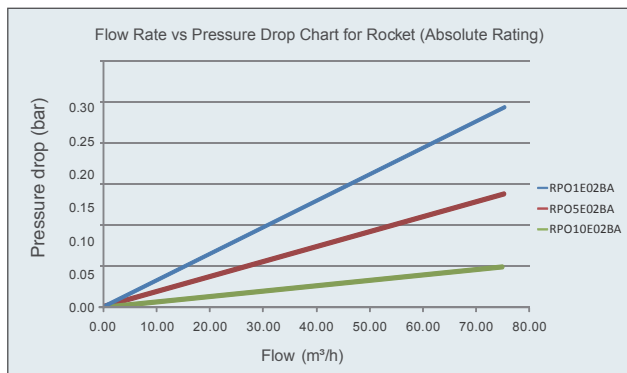
PO: < 90 °C
 PE: < 140 °C
 PG: < 90 °C

Maximum flow rates⁴⁾

Absolute:	Nominal:
01: 25 m ³ /h	01: 30 m ³ /h
02: 50 m ³ /h	02: 60 m ³ /h

Retention ratings

Rocket	Codes	Materials	Retention ratings (µm)							Sizes		Max. operating temperatures (°C)
			1	5	10	25	50	100	200	01	02	
Nominal	RPO	Polypropylene	■	■	■	■	■	■	■	■	■	< 90
	RPE	Polyester	■	■	■	■	■	■	■	■	■	< 140
Absolute	RPO	Polypropylene	■	■	■					■	■	< 90
	RPE	Polyester +Fiber glass	■	■	■	■				■	■	< 140
	RPG	Fiber glass+ Polypropylene	■	■	■	■				■	■	< 90



Note: Test components is RPO series

Ordering information

