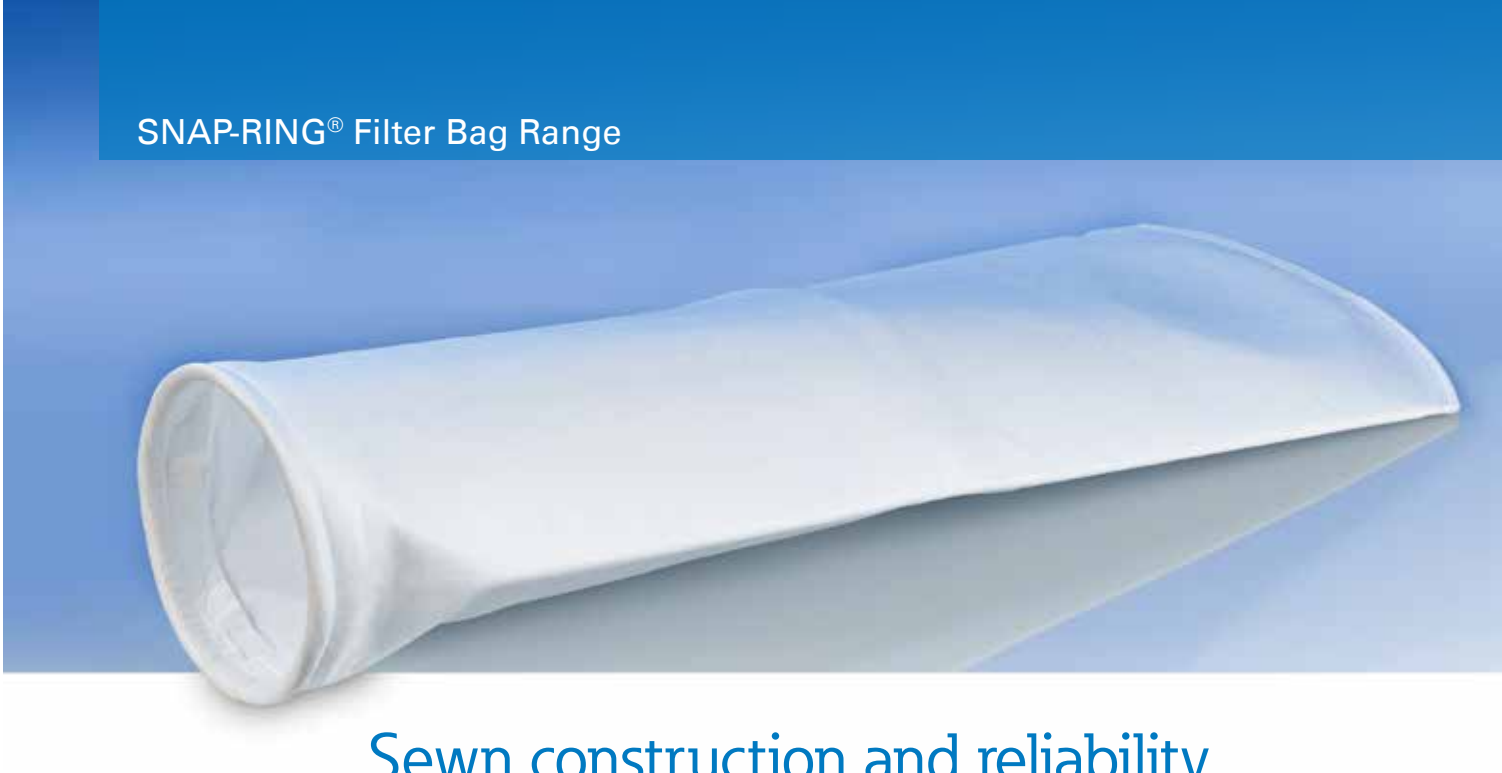
SNAP-RING® Filter Bag Range



Sewn construction and reliability at an affordable price

Eaton's SNAP-RING filter bags are suitable for a wide range of applications such as the filtration of paints and varnishes, inks, chemicals, solvents and many more.

SNAP-RING filter bags are manufactured to the highest standards. Materials must meet stringent specifications for filtration performance and media purity. Production under ISO 9001:2008 quality systems ensures reliability and repeatability from order to order, year after year.

Features and benefits

- Heavy-duty sewing thread and the metal seal ring are produced to Eaton specification
- The SNAP-RING seal ring adapts to any bag filter housing
- Material is free from silicone and crater-forming substances[1] (excluding HT material)
- Eaton strongly recommends the use of an insertion tool that facilitates the insertion of the filter bag into the bag filter housing and ensures the correct alignment of the filter bag inside the restrainer basket

Filter specifications

Materials
Needle felt polypropylene, polyester, nylon, wool, polytetrafluorethylene (PTFE) or meta-Aramid (HT)

Seal rings
Sewn stainless steel or zinc-plated steel SNAP-RING seal ring

Retention ratings
1, 5, 10, 25, 50, 100, 200 µm

Dimensions/Parameters

Sizes
01: Ø 7 x 17" L (180 x 430 mm)
02: Ø 7 x 32" L (180 x 810 mm)
03: Ø 4 x 9" L (100 x 230 mm)
04: Ø 4 x 15" L (100 x 380 mm)

Filter area
01: 2.6 ft² (0.24 m²)
02: 5.2 ft² (0.48 m²)
03: 0.9 ft² (0.08 m²)
04: 1.7 ft² (0.16 m²)

Max. operating temperatures
Polypropylene: 230 °F (110 °C)
Polyester: 374 °F (190 °C)
Nylon: 374 °F (190 °C)
PTFE: 500 °F (260 °C)
HT: 401 °F (205 °C)

Max. differential pressure
36.2 psi (2.5 bar)

Recommended change-out pressure for disposal[2]
11.6 – 21.7 psi (0.8 – 1.5 bar)

Max. flow rates[3]
01: 88 GPM (20 m³/h)
02: 176 GPM (40 m³/h)
03: 26 GPM (6 m³/h)
04: 53 GPM (12 m³/h)

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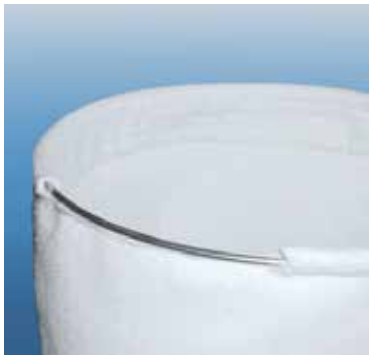
Retention ratings

		Retention ratings (µm)									Sizes			
Materials	Codes	1	5	10	25	50	100	200	Sewn SNAP-RING seal ring	Max. operating temperatures °F (°C)	01	02	03	04
Polypropylene	PO	■	■	■	■	■	■	■	S	230 (110)	■	■	■	■
Polyester	PE	■	■	■	■	■	■	■	S	374 (190)	■	■	■	■
Nylon	NY		■	■	■	■	■		S	374 (190)	■	■	■	■
PTFE	PT	■	■	■					A	500 (260)	■	■		
Meta-Aramid	HT		■		■		■		A	401 (205)	■	■		



SNAP-RING seal ring

Ordering information

Ranges/Materials
PO: Needle felt polypropylene
PE: Needle felt polyester
NY: Needle felt nylon
PT: Needle felt PTFE
HT: Needle felt meta-Aramid

Cover layer
P: Plain

Options[4]
A: Individually packed
L: Standard bags with increased length

Packaging
40: Filter bags/bon
S, M, L: Bon sizes

PO	-25	-P	02	S	-Option	-40L

Retention ratings
1, 5, 10, 25, 50, 100, 200 µm

Sizes
01: Ø 7 x 17" L (180 x 430 mm)
02: Ø 7 x 32" L (180 x 810 mm)
03: Ø 4 x 9" L (100 x 230 mm)
04: Ø 4 x 15" L (100 x 380 mm)

Seal rings
A: Sewn stainless steel SNAP-RING seal ring
S: Sewn zinc-plated steel SNAP-RING seal ring

[1] Based on an accepted paint compatibility test (see document QUC-STA-10).
[2] Depending on the respective application requirements.
[3] For liquids with a dynamic viscosity of 1 mPa·s @ 68 °F (20 °C)
[4] Further options upon request (see document SAL-L-12)..

North America
44 Apple Street
Tinton Falls, NJ 07724
Toll Free: 800 656-3344
(North America only)
Tel: +1 732 212-4700

Europe/Africa/Middle East
Auf der Heide 2
53947 Nettersheim, Germany
Tel: +49 2486 809-0

Friedensstraße 41
68804 Altlußheim, Germany
Tel: +49 6205 2094-0

An den Nahewiesen 24
55450 Langenlonsheim, Germany
Tel: +49 6704 204-0

China
No. 3, Lane 280,
Linhong Road
Changning District, 200335
Shanghai, P.R. China
Tel: +86 21 5200-0099

Singapore
4 Loyang Lane #04-01/02
Singapore 508914
Tel: +65 6825-1668

Brazil
Av. Julia Gaioli, 474 – Bonsucesso
07251-500 – Guarulhos, Brazil
Tel: +55 11 2465-8822

For more information, please email us at *filtration@eaton.com* **or visit** *www.eaton.com/filtration*

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QUALITY SYSTEM CERTIFICATION DNV·GL ISO 9001