

PLASTY-GUARD BAG SEAL RING SPECIFICATIONS

- Heat-sealed filter bags
- Pressure-reactive PLASTY-GUARD ring
- Special surface treatment eliminates fibre release
- Super strong heat sealing
- FOOD GRADE filter bags available



SNAP-RING BAG SEAL RING SPECIFICATIONS

- Stitched filter bags with metal ring
- Superior quality and durable
- Adaptable to any housing



Depth filtration

- Filter media: PP, PES
- Degrees of filtration: 1, 5, 10, 25, 100, 200
- Seal ring: Plasty-guard, Snap-ring

Surface filtration

- Filter media: PPM, PESM, NYM, PK
- Degrees of filtration: 5, 10, 25, 50, 80, 100, 150, 250, 300, 400, 600, 800, 1000, 1250
- Seal ring: Plasty-guard, Snap-ring

Technical Data

Filter media	Max. operating temperature	Bag size	Filtering surface area (m ²)	* Max. flow rate (m ³ /h)	Max. differential pressure	** Replacement differential pressure
PP	90°C	01	0.24	20	2.5 bar	0.8 – 1.5 bar
PES	150°C	02	0.48	40		
PPM	110°C	03	0.08	6		
PESM	190°C	04	0.16	12		
NYM	125°C					
PK	240°C					

* For liquids with a dynamic viscosity of 1 mPas 20°C - nominal filtration 10 µm - Δp < 0.1 bar (for other viscosities, multiply flow rate by the correction factor shown in the table below)
 ** Depending on corresponding applications and specifications

Viscosity cP	10000	8000	6000	4000	2000	1800	1500	800	600	400	200	100	50
Correction factor	0.021	0.026	0.035	0.05	0.08	0.11	0.16	0.17	0.25	0.35	0.85	0.90	0.95

SF

PES

25

02

A

FELT
 PP: Polypropylene felt
 PES: Polyester felt

MESH
 PPM: Monofilament polypropylene
 PESM: Monofilament polyester
 NYM: Monofilament Nylon
 PK: PEEK

NOMINAL
 Filtration µm:
 1, 5, 10, 25
 50, 80, 100, 150
 200, 250, 300, 400,
 600, 800, 1000, 1250

Cod. Size
 01 Ø 180 mm x 430 mm L
 02 Ø 180 mm x 810 mm L
 03 Ø 100 mm x 230 mm L
 04 Ø 100 mm x 380 mm L

A: PLASTY-GUARD in PP, welded
 B: PLASTY-GUARD in PES, welded
 C: PLASTY-GUARD in stitched Santoprene
 X: SNAP-RING with stainless steel Ring
 Y: Snap ring with GALVANIZED Ring