



CleverFilter®

THE FILTRATION PEOPLE

www.cleverfilter-group.com

**Filter Bags – Needle felt
PPSG and PESG – HT series**

FILTER BAG

Highly Efficient Needle Felt

Features

- Optimized to superior economical performance
- Free from crater forming substances (i.e. Silicone)
- 0.2 µm – 200 µm nominal retention rates
- Metal ring or plastic collar as bag sealings
- Excellent chemical compatability
- Thermal surface treatment effectively minimizes fibre migration
- Recommended change out pressure differential:
1 bar – 1.6 bar
- Available versions:
Sizes: 1, 2, 3 and 4
Collar: plastic collar from PP or PE
Ring: galvanized or stainless steel
More versions on request



Applications

- Food and Beverage
- Automotive industry
- Water treatment
- Pharmaceutical
- Chemical and Petrochemical
- Paints and varnishes
- Many others

Benefits

- | | | |
|------------------------------------|---|--|
| • Easy installation | – | no tools required |
| • Double sealing* | – | plastic collars designed to provide additional safety against bypasses |
| • High dirt capacity | – | for enhanced life time |
| • Stable material composite | – | both stable and flexible filter bags for better alignment to the restrainer basket |
| • Low initial cost | – | price / performance at its best |
| • Low disposal cost | – | to further improve economics |

*plastic collar only





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Product Categories: non woven economy bags

- | | | | |
|----|-------------|---------------|-------------|
| 1. | PPSG | Polypropylene | Needle felt |
| 2. | PESG | Polyester | Needle felt |

Technical Data

Sizes	Filter Material	Seam Treatment	Length [mm]	Ø [mm]	Filter Area [m²]	Volume [l]	Housings, e.g.
size 1	PP or PE	welded or stitched	420	180	0.25	8.0	HEXB23, HTWB23
size 2	PP or PE	welded or stitched	820	180	0.50	17.5	HEXB45, HTWB45
size 3	PP or PE	welded or stitched	230	100	0.09	1.5	HEXB6, HTWB6
size 4	PP or PE	welded or stitched	380	100	0.15	2.5	HEXB10, HTWB10

Product Code

PESG – 100 – WS – ELK 2 – HT

Material:

PPSG : Polypropylene Needle felt

PESG : Polyester Needle felt

Retention rate nom. [µm]:

0.20 :	0.2
0.50 :	0.5
001 :	1
003 :	3
005 :	5
010 :	10
025 :	25
050 :	50
075 :	75
100 :	100
150 :	150
200 :	200

Bag size: Ø * L [mm]:

1 :	180 * 420
2 :	180 * 820
3 :	100 * 230
4 :	100 * 380

Bag sealing:

SS : galvanized steel ring
ST : stainless steel ring
PLK : PP collar (e.g. for FSI)
PSN : PP collar (e.g. for Eaton)
ELK : PE collar (e.g. for FSI)
ESN : PE collar (e.g. for Eaton)

WS: welded seam
SE: stitched seam

Couldn't find what you were looking for?
More variations on request!