



CleverFilter®

THE FILTRATION PEOPLE

[www.cleverfilter-group.com](http://www.cleverfilter-group.com)

## BAG FILTER

Absolute Rated Filter Bag – High Load, Longlife

### Features

- Multi-profile Ultra Depth media matrix
- FDA compliant none-woven felt.
- Free from crater forming substances (i.e. Silicone)
- 2, 5, 15 & 50 micron ratings @ 95% absolute efficiency
- PP, PE or metal ring as bag sealings
- Broad chemical compatibilities
- Fiber migration & extractable free media treatment
- Suggested Change-out pressure differential 0.15 MPa, Max. 0.23 MPa (1.5 bar, max. 2.3 bar)

### Benefits

- **Easy Installation** – no tools required
- **Double Sealing** – plastic collars designed to provide additional safety against bypasses
- **Ultra-thick depth media** - for XLarge contaminant retention capacities
- **Outer layers are ultrasonically welded** - bypass free operation and better workmanship
- **Low Disposal Cost** – to further improve economics



Cut-away View

### Applications

- Automotive Industry
- Water Treatment
- Bulk & fine Chemicals
- Beverages
- Edible Oil
- Pharmaceuticals
- Coolant
- Electroplating
- Many Others



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## Product Categories:

## Absolute Composite Filter Bags; Smart Alternative for 3M 500 Series

1. **T2** Polypropylene op. temp. < 80° C
  2. **T3** Polyester op. temp. < 125° C
- ✓ Our Polypropylene T2 Series are manufactured from multi-profile ultra depth composite media, facilitated by filter media spacing and staged passage technologies.
  - ✓ The effective filter surface area is ten times larger than standard single layer filters of the same size. The dirt loading capacities and filter service lives are both boosted up to eight times.
  - ✓ Polyester T3 Series has been developed for higher temperature applications.

## Technical Data

Sizes	Material	Seam Treatment	Flow rates* [m³/hr]	Length [mm]	Ø [mm]	Surface Area [m²]	Volume [l]	Housings e.g.
size 1	PP or PE	welded	5 for 2µm & 5µm 6 for 15µm & 50µm	420	180	0.25	8.0	HEXB23, HTWB23
size 2	PP or PE	welded	10 for 2µm & 5µm 12 for 15µm & 50µm	820	180	0.50	17.5	HEXB45, HTWB45

\*water @ ambient temperature

## Product Code

**T2 – 005 – PD – 2**

### Material:

T2 : Polypropylene  
T3 : Polyester

### Retention rate absolute [µm @ 95% efficiency]:

2 ; 5 ; 15 ; 50

### Bag size: Ø \* L [mm]:

1 : 180 \* 420  
2 : 180 \* 820

Other sizes on request

### Bag sealing:

PD : PP plastic collar  
ED : PE plastic collar  
ST : stainless steel ring

Other types on request.