



**CSB Precision Engineering (M) Sdn. Bhd. ( 600866-V )**

No. 30, Jalan Mutiara Emas 5/25, Taman Mount Austin,  
81100 Johor Bahru, Johor, Malaysia.

Tel : +607-357 9913 / +607-357 6939

Fax : +607-357 9319

Email : enquiries@csbpe.com.my

Website : www.csbpe.com.my

## Liquid Filter Bag (Sewn Type)

Standard type needled felt filter bags are constructed using 100% synthetic fibers in polyester and polypropylene. The proper combination of fiber diameters, weights and thicknesses result in economical filtration medias.

Features :

- @ Media compliance with FDA regulations for food contact under CFR21.
- @ Enlarged filtration surface area for better and high dirt holding capabilities.
- @ High flow / low pressure drop.
- @ Fit most of industry standard vessels.
- @ Wide chemical compatibility.
- @ Choice of galvanized steel or stainless steel snap seal ring.
- @ Handle for all bags.
- @ Sewn construction.



Application :

- # Food & Beverage
- # Edible oils
- # Prefilters for fines cartridges
- # Paints
- # Coating
- # Coolants
- # Solvent
- # Resins
- # Water
- # Pharmaceutical
- # Inks
- # Others



General Properties Of Filtration Media :

| Fiber Type    | Max. Temp. F | Max. Temp. C | Organic Solvent | Organic Acids | Micro Organisms | Mineral Acids | Animal, Petroleum & Vegetable Oil. | Alkalies Oxidizing |
|---------------|--------------|--------------|-----------------|---------------|-----------------|---------------|------------------------------------|--------------------|
| Polyester     | 300          | 150          | E               | G             | E               | G             | E                                  | P                  |
| Polypropylene | 170          | 76           | G               | E             | E               | G             | E                                  | E                  |
| Nylon         | 300          | 150          | E               | F             | E               | P             | E                                  | E                  |

Remark E = Excellent G = Good P = Poor F = Fair

Product Specifications :

| Type         | Fiber         | Nominal Micron Rating |   |   |    |    |    |     |     |     |     |     |     |     |     |   |
|--------------|---------------|-----------------------|---|---|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|---|
|              |               | 0.5                   | 1 | 5 | 10 | 25 | 50 | 100 | 150 | 200 | 250 | 300 | 400 | 600 | 800 |   |
| Needle Felt  | Polyester     | *                     | * | * | *  | *  | *  | *   | *   | *   | *   | *   | *   | *   | *   | * |
|              | Polypropylene | *                     | * | * | *  | *  | *  | *   | *   | *   | *   | *   | *   | *   | *   | * |
| Mesh ( NMO ) | Nylon         | *                     | * | * | *  | *  | *  | *   | *   | *   | *   | *   | *   | *   | *   | * |

Remarks : Others fiber and micron are not status in the table, please refer to sales representative.

Filter Bag Nominal Size :

| Size | Diameter inch | Length inch | Area (Ft <sup>2</sup> ) | Max Flow (Gpm) |
|------|---------------|-------------|-------------------------|----------------|
| 1    | 7             | 17          | 2.1                     | 85             |
| 2    | 7             | 31          | 4.6                     | 170            |
| 3    | 4             | 8           | 0.6                     | 24             |
| 4    | 4             | 14          | 1.1                     | 48             |

Remarks : Others customize size also available, please refer to sales representative.

Snap Collar Ring Type :

|                  |
|------------------|
| Galvanized Steel |
| Stainless Steel  |

Disclaimer :

It is strongly recommended that you analyze all aspects of your applications and review the information concerning the products or system in the current products catalogue, due to the varieties of operating condition and applications for these products or system. The user, through its own analysis and testing, is solely responsible for making the final selections for the products or systems and assuring that all performance, safety and warning requirements of the application are met.