

# Pureflo™ CARTRIDGES

**Filtermation** a company that manufactures wound filter cartridges and filter housings systems under the registered brand names of **PUREFLO™** and **N\*F\*C\*E™**

## FILTER HOUSING

- Plastic Housing** : Transparent filter housings for a single cartridge, made of various plastic materials and come in the length of 10".  
Big Blue housings come in lengths of 10 and 20 inches.
- Stainless housing** : Single, multiple and Big Blue cartridges filter housing are made of Stainless Steel come in the length of 10", 20", 30" and 40".  
Filter bags housing made of Stainless Steel comes in the length of 16" and 31".
- Big Blue housing** : Available in plastic and stainless steel.

We are very competitive in our pricing and this can be assured with deliveries and quality of our products.

Our engineering technical support division and various offices in Australia, the United Kingdom, USA are always very happy to provide any assistance.

**Pureflo** cartridges are used in Domestic, Industrial and Commercial filtration.

**FILTER MATERIAL:** **Pureflo** cartridges are available with Polypropylene, or Cotton materials wound onto Polypropylene, 304 stainless steel or tinned steel cores. The cartridges can be used (in one combination of materials or another) in most areas where chemical compatibility is of concern. Special materials are available for high temperature or unusually aggressive applications. Food grade product (FDA PP Fibre) is always available ex-stock. Activated carbon cartridges are available to remove unpleasant tastes and odors.

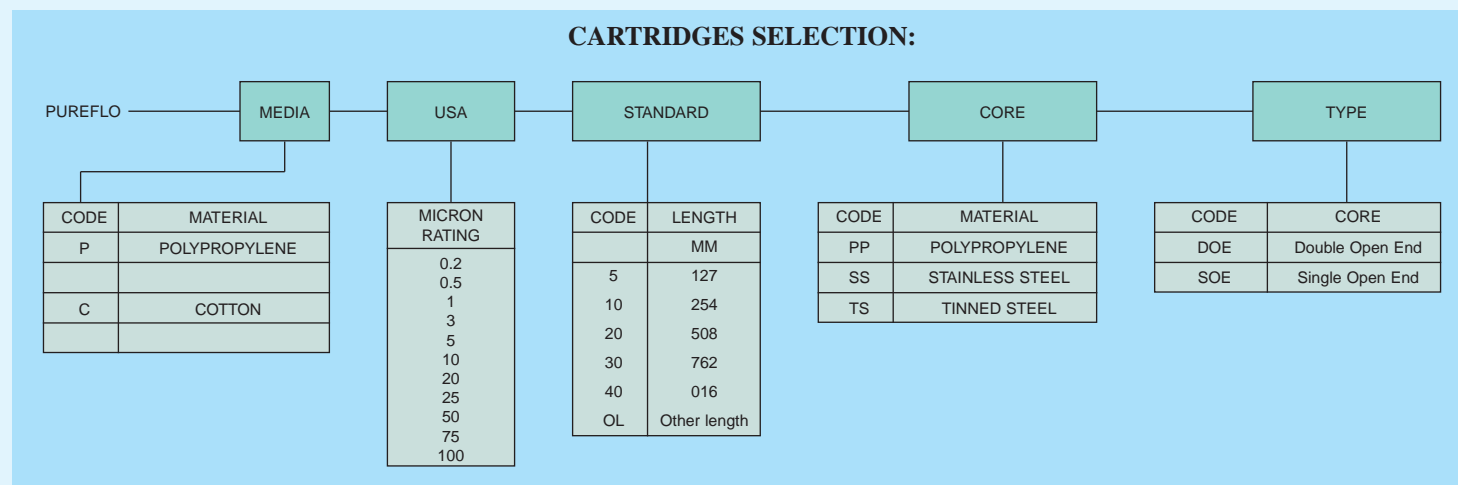
**FILTER CONSTRUCTION:** **Pureflo** cartridges are manufactured with an interlocking weave (diagonally wound) which provides efficient and cost effective filter cartridges.

**Pureflo** wound depth cartridges offer a gradual pressure increase over cartridge life versus surface media that have an abrupt flow cut-off when loaded. The larger particles are trapped at the surface of the cartridges and build up a pre-cake, whilst the smaller particles are trapped within the Pureflo cartridge filter as they go down the 'tortuous path' created by the wound pattern which varies with each micron rating.

**PACKAGING:** **Pureflo** cartridges are individually shrink-wrapped in a polyethylene tube, which is treated to minimize static build-up. The cartridges are then packed into cardboard cartons. Standard length 254mm (10"): 30 cartridges per carton • 20", 30" & 40" lengths 15 cartridges per carton • Other lengths can be packed with any quantity.

**FILTER SIZES:** **Pureflo** filters are available in 'one-piece' construction with lengths between 51-1778mm and can be supplied to suit any filter housings using cartridges from 2" to 70". It also dramatically reduces down time and labour costs and in many cases reduces potential health risks through operators having to lean over vessels that may contain liquids and gases.

**CARTRIDGE SELECTION:** We can substitute **Pureflo** for existing cartridges which you may be currently purchasing or use our in-house expertise to ensure proper design and compatibility for each application.



## WOUND CARTRIDGES FLOW PATTERN



The markets serviced are varied and include the following:

Adhesives	Aquaculture
Chemical	Electronics
Inks	Magnetic Tapes
Military	Mining
Paints & Varnishes	Petrochemical
Pre-treatment	Water Flood
Beverages	Oil & Gas
Food Manufacturing	Photographic
Medical	Water Treatment

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- ZERO Spread of Flame Index
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AS 4254 : 2002  
AS 1530 . 3 : 1999

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Firebreak Fire Rated Flexible Duct

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