



FiltroUNO® accuFLO filter bags are suitable for a wide range of applications such as beer, wine, spirits and beverage filtration, fine particle removal in parts cleaning, activated carbon removal in process systems, the final filtration of vinegar, varnishes and of hydraulic oils and lubricants and many more.

With efficiencies greater than 99%, each accuFLO filter bag model provides cost-effective filtration solutions for demanding applications. The five models ensure that users can efficiently remove particles ranging from 1-25 μm while delivering a long service life.

Features and Benefits

- accuFLO polypropylene filter bags are fabricated from hydrophobic microfiber filter material, which require pre-wetting with an aqueous solution.
- Highly efficient melt-blown filter material in polypropylene graded density profiles to maximize dirt-holding capacity and prolong service life.
- No additives such as resins, binders or surface treatments.
- Tough downstream cover layer virtually eliminates fiber migration.
- The pressure-activated PolySEAL ring provides a flexible, chemically resistant seal which adapts to any bag filter housing.
- Kitten strongly recommends the use of an insertion tool that facilitates the insertion of the filter bag into the bag filter housing and ensures the correct alignment of the filter bag inside the restrainer basket.

accuFLO



Filter Specifications

Materials	Melt-blown polypropylene or polyester
Spunbond layers	Polypropylene
Seal Rings	Welded polypropylene SENTINEL seal ring
Retention ratings	1.5, 3, 5, 10, 25 μm @ >99% efficiency

Dimensions/Parameters

Sizes :

01: Ø 180 x 435 mm L

02: Ø 180 x 810 mm L

Maximum flow rates :

01: 8 m³/h

02: 15 m³/h

Filter Area :

01: 0.24 m²

02: 0.48 m²

Maximum Differential Pressure :

2.5 bar

Maximum Operating Temperatures :

Polypropylene: 90°C

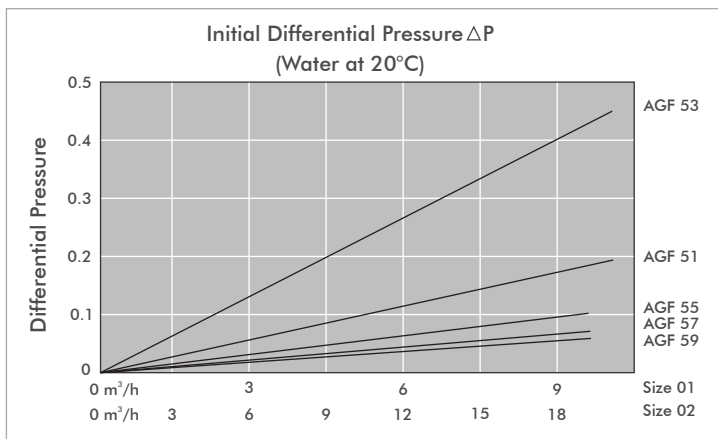
Recommended change-out pressure for disposal :

0.8-1.5 bar

FDA/EC Conformity

All polypropylene materials used in manufacturing comply with the regulations of the Food and Drug Administration (FDA), title 21 of the Code of Federal Regulations 1935/2004 and EC Directives 2002/72/EC, as applicable for food and beverage contact.

Flow Rates



Filter Removal Efficiency (Polypropylene)

Models	Particle sizes (μm) at common removal efficiencies (%)					Δp (bar) size 02 @10 m ³ /h	Max. operating temperatures (°C)
	>60%	>90%	>95%	>99%	>99.9%		
AGF 51	0.2	0.6	0.8	1.5	5	0.09	90
AGF 53	0.8	1	2	3	5	0.22	90
AGF 55	1	2	3	5	15	0.05	90
AGF 57	2	4	5	10	25	0.04	90
AGF 59	10	20	22	25	35	0.03	90