

Ordering Code & Packaging

ACCUGAF™
Filter Bag

E - Mesh Cover
Cover Layer

E - PP SENTINEL® Ring
Ring Type

O -
round bottom

AGF - 53 - E 02 E - O - 10M

ACCUGAF Range
51
53
55
57
59

Filter Bag Size		
Code	Size	Area
01	7"dia x 16"L	0.24m ²
02	7"dia x 32"L	0.48m ²
03	4"dia x 8"L	0.08m ²
04	4"dia x 14"L	0.16m ²

Packaging	
No. of Bags/Box	Box Size (mm)
Size 01/02 10 M	480x310x360
Size 03/04 10 S	440x300x150

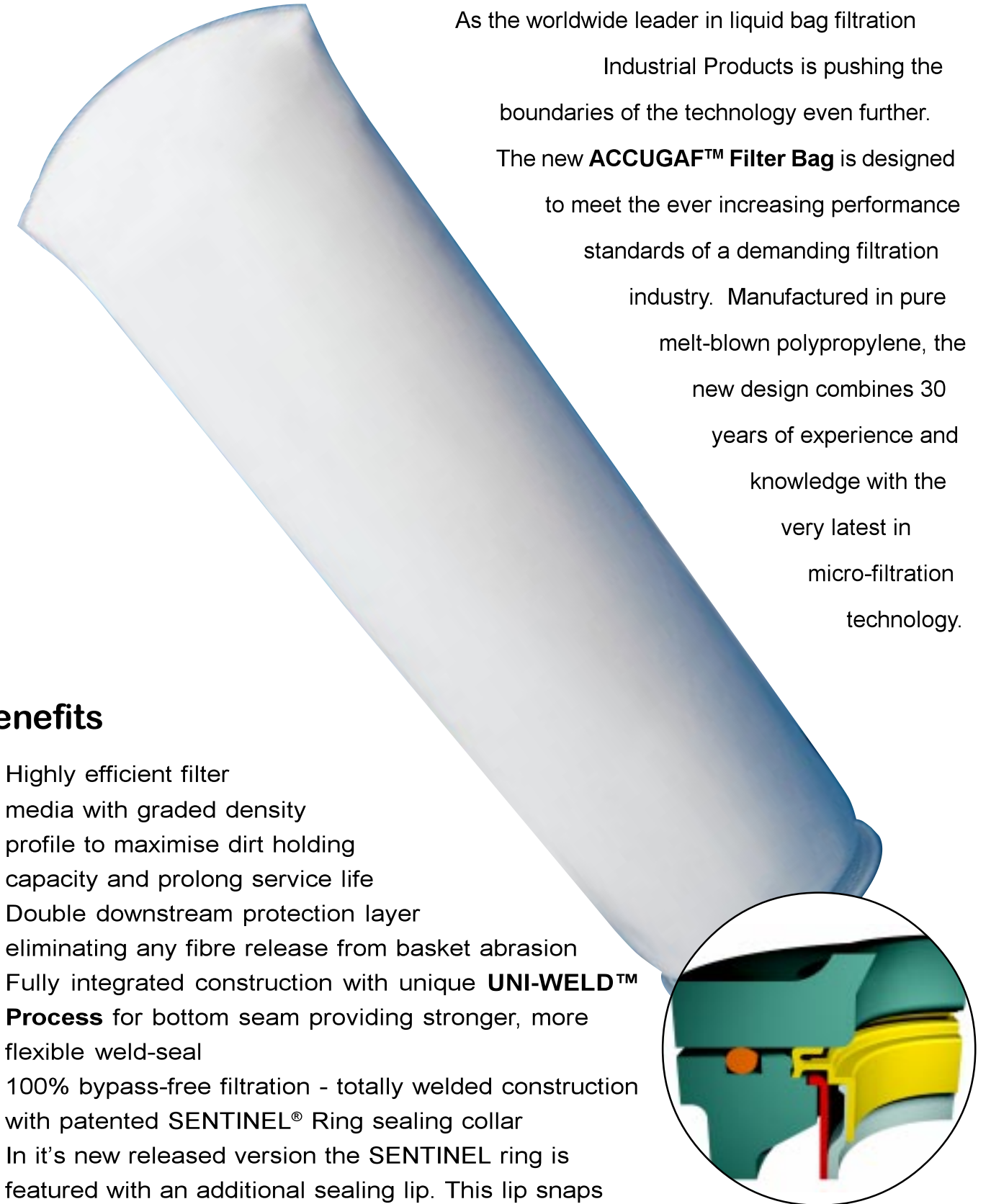
ISO 9002 Quality Manufacturing

Every step in the manufacturing process is performed according to strict ISO 9002 regulations and guidelines. Our manufacturing plants feature the latest, most advanced production equipment, including fully automated welding and cutting instruments. Industrial Products complete production process is characterised by total quality control and total quality assurance.

Bag Label Details

Industrial Products label identifies the key features of the product through a batch number. It can be used to trace the flow of the raw material all the way through production to the finished product and by doing so acts as your guarantee of consistent quality.

ACCUGAF™ Filter Bag Technology



As the worldwide leader in liquid bag filtration Industrial Products is pushing the boundaries of the technology even further. The new **ACCUGAF™ Filter Bag** is designed to meet the ever increasing performance standards of a demanding filtration industry. Manufactured in pure melt-blown polypropylene, the new design combines 30 years of experience and knowledge with the very latest in micro-filtration technology.

Benefits

- ➔ Highly efficient filter media with graded density profile to maximise dirt holding capacity and prolong service life
- ➔ Double downstream protection layer eliminating any fibre release from basket abrasion
- ➔ Fully integrated construction with unique **UNI-WELD™ Process** for bottom seam providing stronger, more flexible weld-seal
- ➔ 100% bypass-free filtration - totally welded construction with patented SENTINEL® Ring sealing collar
- ➔ In it's new released version the SENTINEL ring is featured with an additional sealing lip. This lip snaps into position within a special groove with a clear 'click sound'.

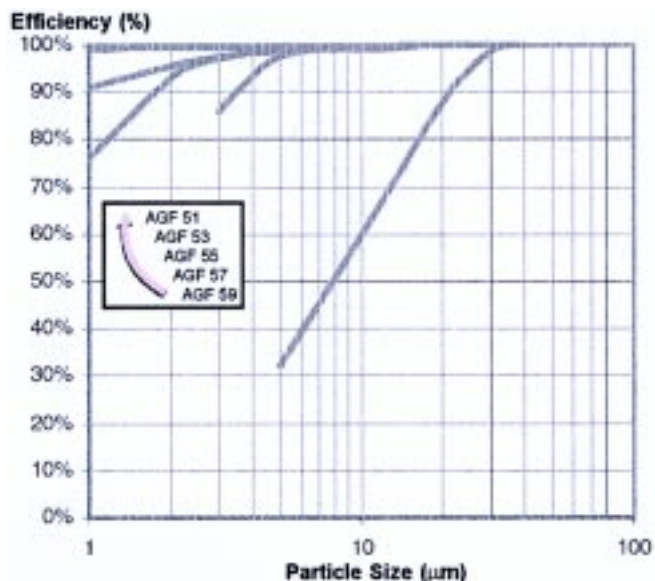
Patented SENTINEL®
Sealing Ring

LENNTECH

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Performance Characteristics

Retention Efficiency



Test Conditions

Industrial Products Fractional Efficiency Test is a technique well accepted in filtration applications throughout science and industry. It employs ISO Fine Dust and a Laser Particle Counter to determine the ability of a filter to remove a selected challenge. Tests are run using a Size 02 bag at a flow rate of 10m³/hr at ambient conditions in deionised water.

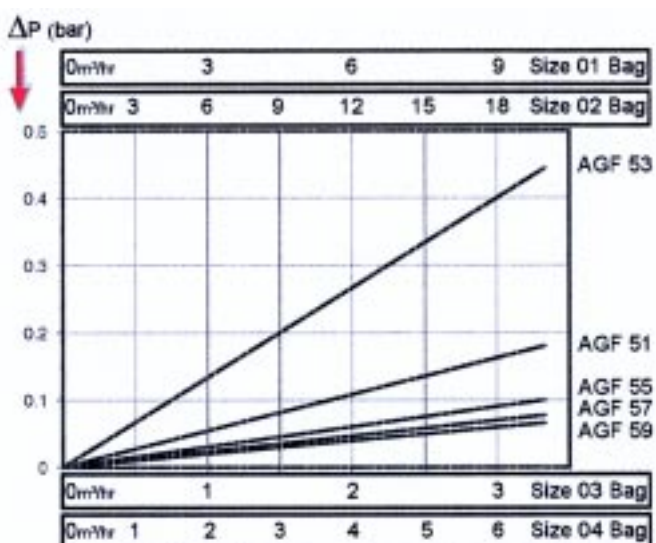
The results of these tests should be used as a general indication of performance and to interpret comparisons between different models of filters. They should not be compared to actual performance data or test results from other techniques. Application performance can only be determined through monitored tests in actual conditions.

New UNI-WELD™ Process

Unique single step welding operation providing a more consistent weld-seam with greater control over the entire process. The technique produces a strong, flexible weld-seam which in turn leads to the bag fitting more effectively in the basket. The better fit means that the bag is fully supported and has a greater resistance to shock loading.



Flow Rate Data



Temperature / Pressure Recommendations

During filtration the ACCUGAF™ Filter bag is supported in an original Industrial Products restrainer basket. Fluid flow through the filter bag creates a pressure drop across the system. This differential pressure increases as the bag continues to trap contamination from the flow stream. The pressure drop is therefore the best indication of when to change a bag. Under normal circumstances the recommended maximum pressure drop and the maximum operating temperature are as indicated below. However, the maximum allowable differential pressure is dependent upon the temperature and chemistry of the process fluid. The following information is provided for guidance only and individual performance tests need to be conducted in order to achieve optimum conditions.

Maximum Differential Pressure (@ 25°C)	2.5 bar	36 psi
Maximum Operating Temperature	90°C	194°F

100% Polypropylene Construction

ACCUGAF™ is manufactured from 100% pure polypropylene which provides the benefits of a clean, chemically resistant and silicone-free material in an economical, self-contained and easy-to-dispose-of filter bag.

FDA Compliant Materials

ACCUGAF™ is constructed entirely of FDA listed materials that meet the requirements for Food Contact Applications. ACCUGAF™ Filter Bags also meet the requirements laid down in EC Directive 90/128/EEC for use in contact with Foodstuffs.

Application Examples

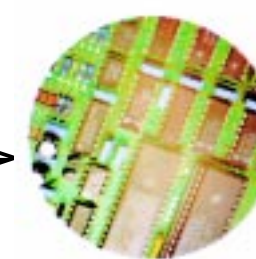
Catalyst Recovery
Active Carbon Removal
Oil & Syrup Filtration
Cough Syrup Polishing, Extracts and Tinctures
Filtration of Hormones & Gelatin

Pharmaceutical Applications



Laser Disc Processing
Electronic Etching Baths
Photo-Chemical Polishing
Floppy Disc Coatings
Filtration of Photo-Resist Chemicals

Electronics Industry



Polishing of Process Chemicals
Tank Farms
Removal of Carbon Black
Photographic Emulsions, Developing Baths
Solvent Filtration, Amine Processing
Tanker Fillings, Crude Oil Production

Chemical Applications



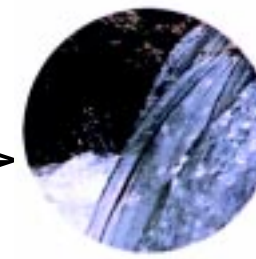
Milk Processing
Polishing of Wines & Spirits
Edible Oil Filtration
Beer Filtration
Soft Drinks, Sugar Syrup

Food & Beverage Industry



Well Water Filtration
Water Treatment Plants, Process Water
Slurry Removal
Pipe Scale Removal
Filtration of Drinking Water

Water Treatment Applications



Resins for Can Coatings
Plastics Compounding
Plastics and Dispersions Processing
Paper Coatings, Adhesives, Waxes
Filtration of Ink, Printing Inks and Latex
Electro Coats, Top Coats, Clear Coats

Resins, Paints, Inks & Coatings

