Pisces Engineering Ltd
"Practical solutions to Technical Problems"
Tel +44 (0)1786 870014 Fax +44(0)1786 870379 email : sales@pisces-aqua.co.uk

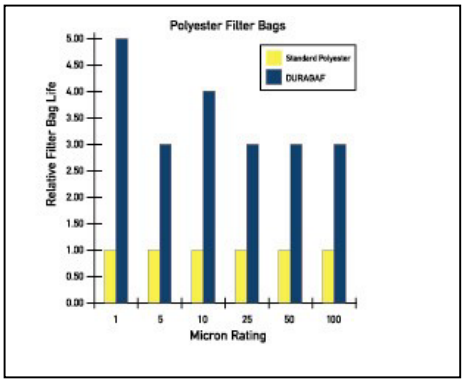
DURAGAF™ Extended Life Filter Bags Can Improve Your Filtration Process and Save You Money

DURAGAF filter bags have a unique design that delivers equal filtration performance with lifetimes 2 to 5 times longer than ordinary felt media bags. This means reduced operating costs due to less bag consumption, reduced downtime, and lower storage and disposal costs. The two charts at the right clearly illustrate the longer service life you can expect using DURAGAF filter bags in your application.

DURAGAF filter bags are available in two extended life materials, polypropylene or polyester. These two materials utilize a fiber blend with a finer fiber diameter and a higher weight than ordinary media. The result is a dramatically higher dirt holding capacity at the same efficiency and differential pressure. Processes run longer and need fewer bag changes with DURAGAF filter bags.

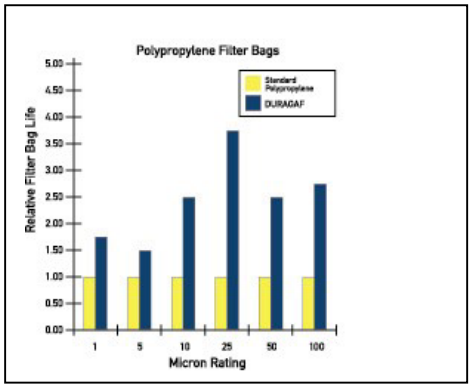
Superior Construction

All welded construction eliminates the bypass that can occur in standard sewn filter bags. Hayward's proprietary welding technology produces a super-strong seam that will stand up to the most demanding applications without failure. The patented SENTINEL® ring seal is standard on all DURAGAF filter bags. This pressure actuated sealing ring actually improves its seal as the differential pressure increases. To help prevent unwanted fiber migration DURAGAF filter bags are manufactured with a proprietary downstream surface treatment.



Food and Beverage Applications

DURAGAF filter bags are available in polypropylene and polyester materials that are compliant with FDA and EC requirements for food contact.



Features

- Pinholes, inherent to the sewing process, are potential sources of bypass, thereby reducing bag efficiency. The side and bottom seams, as well as the SENTINEL® rings of POXL and PEXL filter bags are fully welded, thus eliminating this problem.
- The surface of the filter media is subjected to a special heat treatment. This unique treatment reduces the problem of fibre release, while retaining the required surface permeability.
- Increased media thickness enhances the area in which particles are trapped. As a result, a greater amount of particles will be retained.
- The use of micro fibres increases the void volume of the filter media – resulting in longer on-stream life

Duragaf Specifications

Code	Material	Micron (µm)	Filter Bag Size				
			Code	Diameter (in.)	Length (in.)	Filter Surface (ft.2)	Maximum Recommended Flow Rate
POXL	Polypropylene Extended Life	1/5/10	P01E	7	17	2.6	80
		25/50/100	P02E	7	32	5.0	160
POXLF	PolypropyleneExtended Life FDA Grade	1/5/10	P01E	7	17	2.6	80
			P02E	7	32	5.0	160
PEXL	Polyester Extended Life	1/5/10	P01E/P01H*	7	17	2.6	80
		25/50/100	P02E/P02H*	7	32	5.0	160
PEXLF	Polyester Extended Life FDA Grade	1/5/10	P01H*	7	17	2.6	80
			P02H*	7	32	5.0	160

*E = Polypropylene SENTINEL® ring H = Polyester SENTINEL® ring Z = Santoprene®