

# Extended-Life Needle Felt Bag

## Introduction

The polypropylene or polyester needle felt construction of the extended-life filter bags, along with the increased thickness of the filter material, significantly increases the dirt-holding capacity and extends the lifetime by two to five times longer than standard needle felt filter bags. These features significantly reduce operating cost.

## Features and Benefits

- ◇ The reinforced filter material thickness facilitates gel removal
- ◇ Lower operating costs due to longer lifetime
- ◇ Fits into all Eaton standard size O1 and size O2 restrainer baskets
- ◇ Special surface treatment virtually eliminates fiber migration
- ◇ Silicone Free
- ◇ The pressure-activated Santoprene seal ring provides a flexible, chemically resistant seal which adapts to any bag filter housing

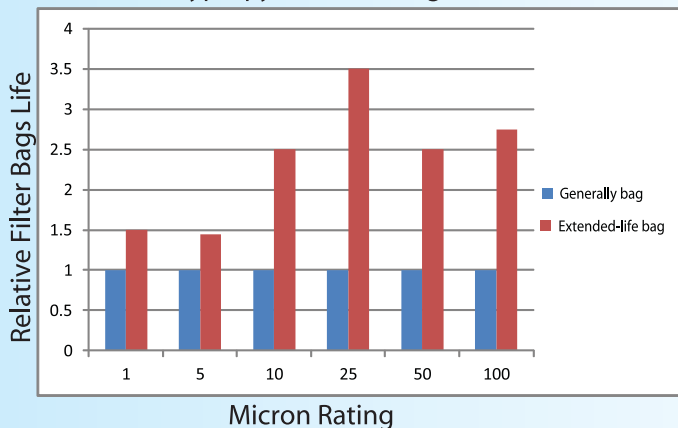


## Specification and Operation Conditions

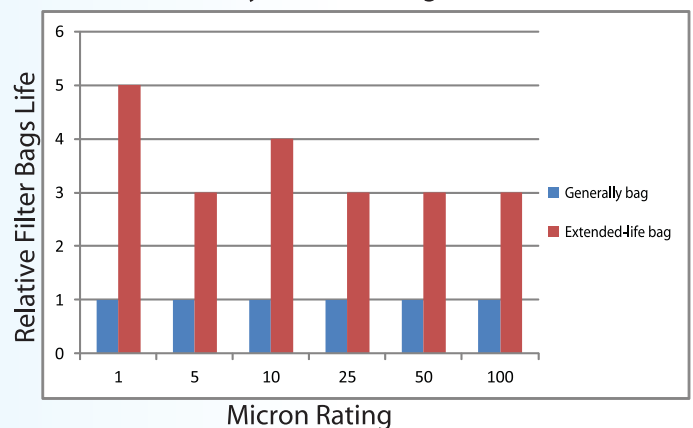
Material	PP (Polypropylene) 、 Polyester	
Micron Rating	1, 5, 10, 25, 50, 100 Micron	
Size	P1 (7"×17")	P2 (7"×32")
Max.flow rates (m/h)	20	40
Filter area (m <sup>2</sup> )	0.45	0.45
Recommended change =out pressure for disposal	2.5kg/cm <sup>2</sup>	
Max.differential pressure	≤4kg/cm <sup>2</sup>	
Max. operating temperature	≤90°C	≤150°C

## Life comparison chart

Polypropylene Filter Bags



Polyester Filter Bags



## Product Code

**PO** — **DL** — **0A** — **P1** — **F** — **L**

### Material

PO : Polypropylene  
PE : Polyester

### Micron Rate

001 : 1 micron  
005 : 5 micron  
010 : 10 micron  
025 : 25 micron  
050 : 50 micron  
100 : 100 micron

### Size

P1 : Size 1  
P2 : Size 2

### Collar Type

F : F type(Polypropylene)  
G : G type(Polypropylene)  
NY : Nylon  
E : Santoprene  
Blank : None

### Manufacture Type

L : Welded