



Filter bags improve sustainability

Higher-capacity needle felt filter bags with increased filter area lessen environmental impact

One of the key challenges in bag filtration is to select the type that gives optimal efficiency and capacity. Many types of filter bags are available that will give the same filtration efficiency but have different capacity levels. Choosing a sustainable filter bag solution will optimize the process with ideal maintenance intervals and lessen the amount of waste generated.

Below is an overview of Eaton needle felt filter bags that shows how to minimize environmental footprint while maximizing capacity.

How high-capacity, needle felt filter bags are helping with sustainability:

- Significantly lower maintenance frequency
- Dramatically reduce product losses and disposal costs
- Decrease process interruptions
- Reduce energy costs

	Standard Design	High-Capacity, Standard Design	High-Capacity Design with Increased Filter Area	
Maximize capacity	1 time	Up to 3 times	Up to 5 times	Up to 10 times
Filter surface	Standard		+65% through extra inner core	+400% through pleated design
Filter material	Polypropylene and polyester needle felt		Polypropylene and polyester extended-life needle felt	
Product ranges	SENTINEL™ filter bags SNAP-RING™ filter bags	DURAGAF™ filter bags	HAYFLOW™ filter elements	MAX-LOAD™ pleated filter bags
				