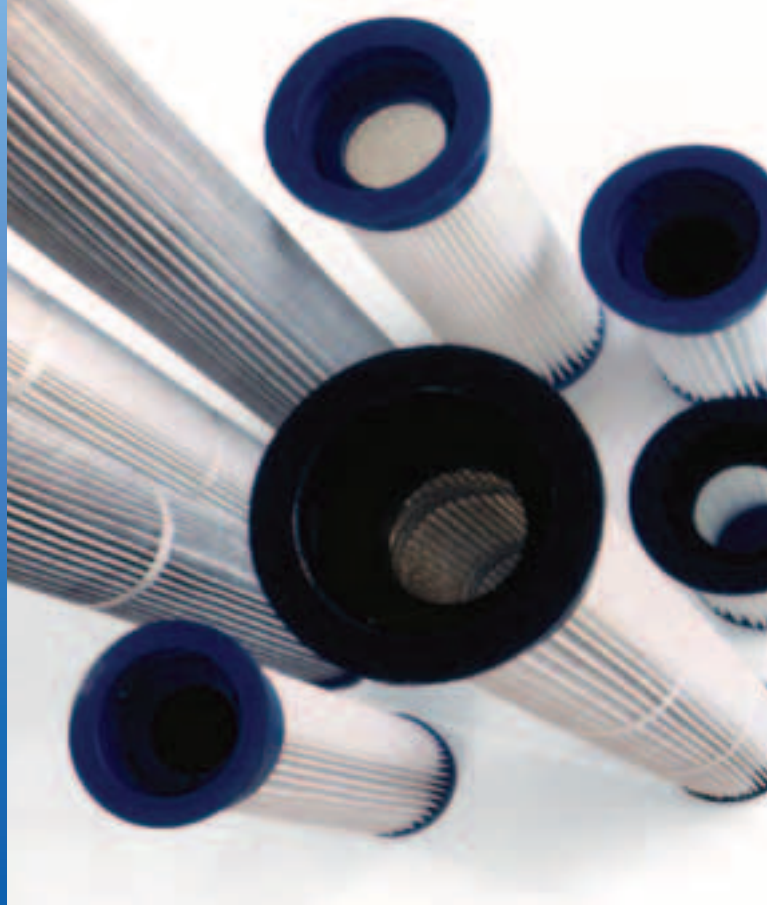




Quality  
ISO 9001

SAI GLOBAL



## MORFLO® PLEATED FILTER BAGS

### A smart solution

Designing a dust collection system can be difficult with variables such as dust loading and pressure drop changing significantly from the type of design to actual operating conditions. When these conditions change, filtration velocities may no longer be correct resulting in poor dust collection that eventually may lead to increasing the size of the baghouse by adding more cells or even building an additional baghouse.

These options can be expensive or even impossible due to limited space available. Filter-Tex Media Morflo® pleated filter bags will help solve a number of common problems associated with your baghouse.

Because Morflo® Pleated Filter Bags offer more filter area when compared to similar sized filter bags, air to cloth ratio can be dramatically reduced, resulting in lower differential pressure drop and longer bag life. Alternatively they can be used to design smaller equipment, thereby reducing the overall cost of the project.

### Intended Use

The bags with their increased surface area, are an ideal alternative when faced with high filtration velocities, high differential pressure drops, poor cleaning and unacceptable emission levels

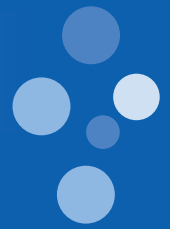
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# MORFLO® PLEATED FILTER BAGS



## Unique Pleated Design

The Morflo® Pleated Filter Bag utilises a unique fine denier, high efficiency spun bonded media in Polyester, Antistatic Polyester with water repellent, and PTFE membrane surface finishes. Other fibre types are available as well as pleated Needlefelt.

The Morflo® Pleated Filter Bags can be installed without any modification to the existing baghouse reducing downtime and cost during baghouse retrofits.

Separate bags and cages are no longer required with the Morflo® Pleated Filter Bags. The Morflo® Pleated Filter Bags are installed through the baghouse tube sheet and problems with bent or broken cages are eliminated.

They use the same cleaning system already installed with reduced pulse pressure. With Morflo® Pleated Filter Bags, you now have a real alternative when faced with high filtration velocities, high differential pressure drops, poor cleaning and unacceptable emission levels.

The unique pleated design of the Morflo® Pleated Filter Bags allows for increase in filtration surface area compared to conventional filter bags of up to 400% in some cases. The increase in filter area can cut filtration velocities substantially.



Above: Morflo® - Various Dimeters/lengths

## Size Availability

An example of some common bag sizes and in the increase in cloth area with the Morflo® Pleated Filter Bags are indicated in the following chart:

CONVENTIONAL FILTER BAG			MORFLO® PLEATED FILTER BAG
SIZE	DIAMETER	FILTER AREA	COMPARABLE FILTER AREA
1000mm	130mm	0.4M <sup>2</sup>	1.6M <sup>2</sup>
1500mm	130mm	0.6M <sup>2</sup>	2.4M <sup>2</sup>
2000mm	130mm	0.8M <sup>2</sup>	3.0M <sup>2</sup>

*Temperatures from Ambient to 130C*