AUTOMATIC ROLL FILTERS

- 100% Non-Woven Polyester
- Scrim Backing
- Heavy-Duty Paper Leader and Trailer

FEATURES >

Glasfloss manufactures a complete line of roll filters for automatic roll machines. Glasfloss Automatic Roll Filters are designed to replace the original equipment filter with no modification. Glasfloss Automatic Roll Filters are available polyester media in most standard widths.

Industrial facilities, commercial buildings, government installations, schools and universities use Glasfloss Automatic Roll Filters. Whether the automatic roll machine is vertical or horizontal, Glasfloss Automatic Roll Filters are available on cores designed to fit all major roll machine manufacturers.

< APPLICATIONS

Core

Scrim backing on air-leaving side

100% non-woven polyester

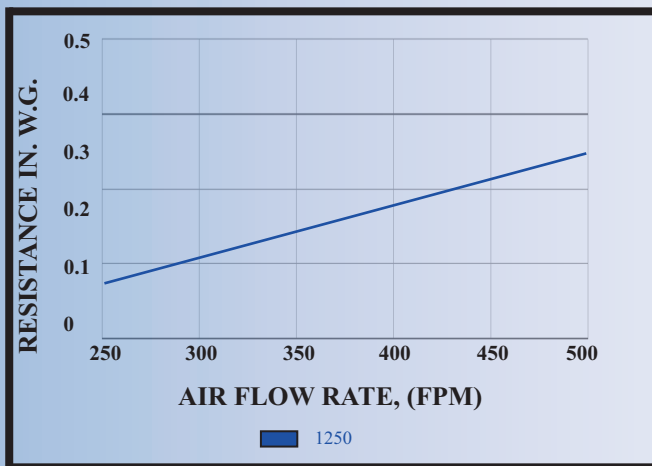Heavy-duty kraft paper leader
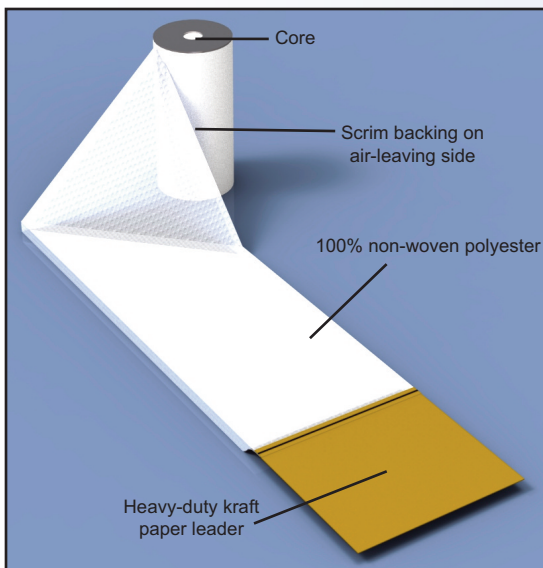
SPECIFICATIONS >

Glasfloss Automatic Roll Filters are designed to fit in automatic, semi-automatic and manual type roll filter machines without modification to existing hardware. Glasfloss Roll Filters shall incorporate 100% non-woven polyester media. For added strength, the 100% non-woven polyester media shall incorporate a scrim backing on the air-exit side. Glasfloss Automatic Roll Filters shall incorporate a heavy-duty paper leader and trailer that is sewn to the media. The automatic roll filter's media standard length shall be sixty-five feet.

Polyester Specifications

1250 Automatic Roll Filters shall consist of a nominal 5/8" thick 100% non-woven polyester media with a scrim backing. 1250 media is engineered for moderate dust-loading applications, and shall be white in color. Heavy-duty kraft paper leader and trailer shall be sewn to the media to facilitate installation and removal. The media shall be wound on the specified core and shall be compatible for installation into the original equipment without modification. The media shall be sixty-five feet in length. The media shall have a 70% Average Arrestance per ANSI/ASHRAE 52.2 Test Standard. 1250 Automatic Roll Filters shall incorporate media that is classified under U.L. std. 900.
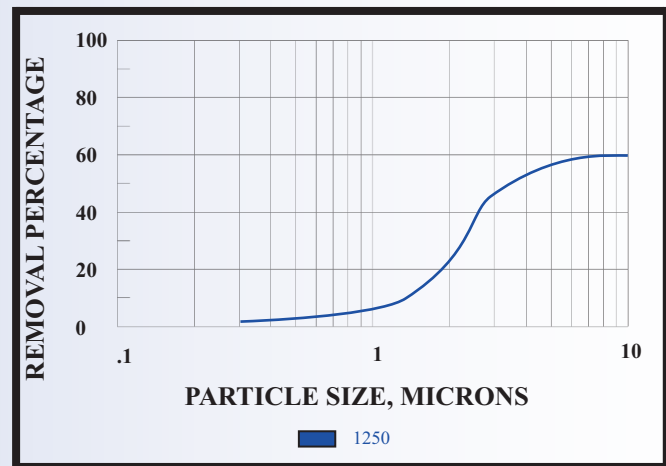
STANDARD PRESSURE DROP

Test Filter Size 24" x 24" Nominal

RESISTANCE IN. W.G. vs AIR FLOW RATE, (FPM)
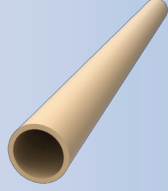
1250
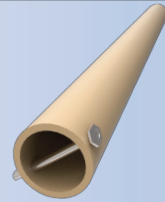
MINIMUM PARTICLE SIZE EFFICIENCY

Test Filter Size 24" x 24" Nominal

REMOVAL PERCENTAGE vs PARTICLE SIZE, MICRONS

1250

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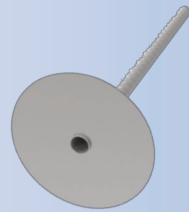
Automatic Roll Filter
Core Identification Guide

	Type AA core is 3/4" metal pipe. Core ends are 15/16" and approximately 13/16" with end disks of 11" diameter on both ends.	Roll Width	*Model		Type FA core is 2-1/8" I.D. Notched fiberboard tube with no drive pin, discs or cups. Most Farr V-8 (vertical) units use a 1-3/4" I.D. core.	Roll Width	*Model
American Air Roll-O-Matic Kennard Herman-Nelson = 8" end plates Electro-Air		20-1/4"	21AA			8-3/4"	09FA
		22-1/4"	22AA	**Farr** Automatic Manual		14-3/4"	15FA
		24-3/4"	25AA			20-3/4"	21FA
		31-7/8"	32AA			26-3/4"	27FA
		32-3/4"	03AA			32-3/4"	03FA
		38-1/2"	39AA			38-3/4"	39FA
		39-7/8"	40AA			44-3/4"	04FA
		44-3/4"	04AA			50-3/4"	51FA
		56-3/4"	05AA			56-3/4"	05FA
		68-7/8"	06AA			68-3/4"	06FA
	Glasfloss ID Code **AA**				Glasfloss ID Code **FA**		

	Type CA core is 3/4" metal pipe. Core ends are approximately 15/16" and 13/16". Metal discs available, specify when ordering.	Roll Width	*Model		Type CO core is 3" I.D. fiberboard tube with drive pin approximately 2-1/2" from one end of tube only. No cups or discs are used.	Roll Width	*Model
Cambridge Auto Roll		23-3/4"	02CA	**Continental** Conomanual Conomatic Commercial Full-Flo Mine Safety Appl. (MSA)		21-7/8"	02CO
		32-3/4"	03CA			31-7/8"	03CO
		44-3/4"	04CA			43-7/8"	04CO
		56-3/4"	05CA			55-7/8"	05CO
		65-3/4"	06CA			67-7/8"	06CO
		69"	69CA				
	Glasfloss ID Code **CA**				Glasfloss ID Code **CO**		

	Type TR (Trane) CR (Carrier) core is 2-7/16" I.D. fiberboard tube with a metal cup secured and recessed to an approximate depth of 1-1/2" in each end. The cups are stamped to form a 1-1/2" square.	Roll Width	*Model		Type BLC core is 1-1/2" I.D. EMT Conduit with 11" end plates recessed approximately 1-3/8" from each end of core.	Roll Width	*Model
Trane Carrier		19-3/8"	19TR	**BLC**		34-5/8"	35BLC
		21-3/8"	21TR			46-5/8"	47BLC
		25-3/4"	25TR			58-5/8"	59BLC
		31-3/8"	31TR			70-5/8"	71BLC
		35-3/8"	35TR				
		38-3/4"	38TR				
		45-3/8"	45TR				
		50-1/4"	50TR				
		54-3/8"	54TR				
		59-3/8"	59TR				
		61-3/4"	61TR				
	Glasfloss ID Code **TR**	63-3/8"	63TR		Glasfloss ID Code **BLC**		

*The model number must be added as a suffix to the corresponding media designation to obtain proper part number.

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Glasfloss Automatic Roll Filter Ordering Code

Example:

ARP   -   05   AA

Glasfloss 1250 Series Auto Roll

Core Type

Core Width

Glasfloss manufactures a variety of medium and high efficiency air filters which can be specified for LEED certification applications. For specific information on these products, please contact your local Glasfloss Sales Representative.

U.S. GREEN BUILDING COUNCIL

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