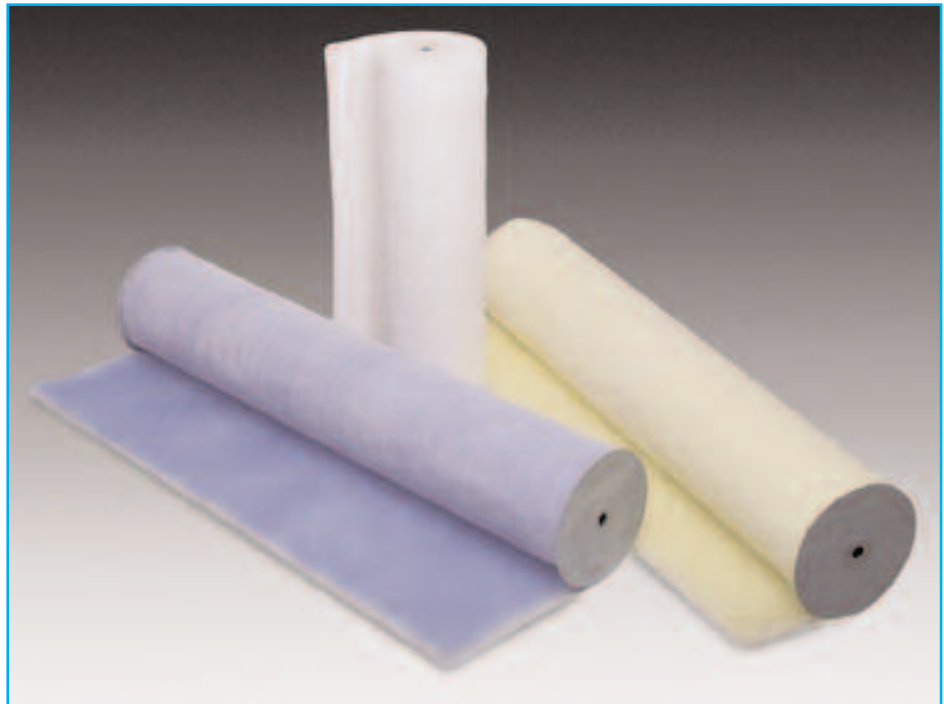


FILTRATION GROUP

AUTOMATIC ROLL FILTERS



- Commercial and industrial grade fiberglass and synthetic media with scrim backing
- Universal replacements for all automatic, semi-automatic and manual roll-type filter machines
- Replacement rolls for all makes and models
- Leaders and trailers are standard for easy installation and disposal
- Standard 45' & 65' lengths



DESCRIPTION

The Automatic Roll filters are designed for quick and easy installation. Filtration Group manufactures all makes and models in a wide variety of media styles.

Since there is no universal filter media that will do every job, we offer five different grades of fiberglass and synthetic media for you to choose from.

APPLICATIONS

Automatic Roll filters are designed for commercial and industrial use. The roll filters fit all types of machines without modification of existing hardware.

Filter systems can differ by air flow, humidity, temperature or filtration efficiency. Each of the five media types that are available have different filtering characteristics.

FEATURES & BENEFITS

Fiberglass has historically been the media of choice for autoroll applications. The media blanket is literally made up of miles of glass strands bonded together with a thermo setting agent. The media is progressively denser from the air-entering side to the air-exiting side. An adhesive is applied to enhance the filtration performance of the media.

Synthetic is manufactured from high loft virgin polyester fibers and have become increasing more popular. Polyester is widely used in the food, pharmaceutical, and electronic industries. The media is easy to handle without gloves and fiber break-off is held to a minimum.

Scrim backing is standard on all rolls. This backing provides additional media support and assures that the media configuration will be maintained throughout filter life.

FILTRATION GROUP

AUTOMATIC ROLL FILTERS

FIVE MEDIA TYPES TO CHOOSE FROM

Fiberglass w/scrim

1. 2-1/2" thick "Economy Grade" media (17.1 grams), 65' long with a heavy-duty scrim backing for "anti-necking" and coated with dust-holding adhesive.
2. 2-1/2" thick "Industrial Grade" media (27 grams), 65' long with a heavy-duty scrim backing for "anti-necking" and coated with dust-holding adhesive.

Synthetic "Polyester" w/scrim

3. 1/2" thick single ply "Economy Grade" media, 65' long with a heavy-duty scrim backing.
4. 1" thick single ply polyester media, 65' long with a heavy-duty scrim backing. Ideally suited for high humidity conditions or when prevention of fiber break-off is necessary as in pharmaceutical, food processing and hospital applications.
5. 15/40 dual-ply media with tackifier, 45' long with a heavy-duty scrim backing. Ideally suited where extremely high dust-holding capacity and higher efficiencies are needed. Used extensively in pharmaceutical, food processing, hospital applications, and as pre-filters for high-efficiency filters.

TRANE COMPANY ROLL FILTERS*

ACTUAL CORE WIDTH	MODEL NO.
19 3/8"	T3
21 3/8"	T6
19 3/8"	T7
31 3/8"	T8
21 3/8"	T9
31 3/8"	T10
35 3/8"	T12
35 3/8"	T14
31 3/8"	T17
31 3/8"	T21
35 3/8"	T24
35 3/8"	T25
45 3/8"	T31
54 3/8"	T35
59 3/8"	T41
63 3/8"	T50
45 3/8" (2)	T63
25 3/4"	
38 3/4"	
50 1/4"	
61 3/4"	

AMERICAN AIR FILTER ROLL-O-MATIC*

ACTUAL CORE WIDTH	MODEL NO.
32 3/4"	3AE
44 3/4"	4AE
56 3/4"	5AE
68 3/4"	6AE
20 1/2"	21AE
22 1/4"	22AE
24 7/8"	25AE
31 7/8"	32AE
38 1/2"	39AE
39 7/8"	40AE

CAMBRIDGE AND/OR ELECTRO-AIRE*

ACTUAL CORE WIDTH	MODEL NO.
23 3/4"	2CB
32 3/4"	3CB
44 3/4"	4CB
56 3/4"	5CB
65 3/4" (SERIES I & II)	6CB
68 3/4" (SERIES III)	6CBX

CONTINENTAL AIR FILTER CONOMANUAL & CONOMATIC*

ACTUAL CORE WIDTH	MODEL NO.
21 7/8"	2C
31 7/8"	3C
43 7/8"	4C
55 7/8"	5C
67 7/8"	6C
35 7/8"	36C

CARRIER CORPORATION MODEL 31 NA ROLL FILTER*

ACTUAL CORE WIDTH	MODEL NO.
26 1/4"	20CR
37 1/4"	40CR
47 1/4"	50CR
61 1/4"	60CR

AIR MAZE ROLL-A-MAZE*

ACTUAL CORE WIDTH	MODEL NO.
20 1/4"	2AM
32 1/2"	3AM
44 1/2"	4AM
56 1/2"	5AM
68 1/2"	6AM

FARR COMPANY ROLL-KLEEN FILTERS**

ACTUAL CORE WIDTH	MODEL NO.
32 3/4"	3F
44 3/4"	4F
56 3/4"	5F
68 3/4"	6F
9"	12F
15"	18F
21"	22F
27"	28F
33"	32F
39"	38F
45"	42F
51"	48F
57"	52F
21"	20F
27"	26F
33"	30F
39"	36F
45"	40F
51"	46F
57"	50F

COMMERCIAL FILTER CORPORATION FUL-FLO OR MINE SAFETY ROLL-AIRE*

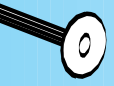
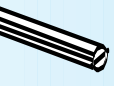

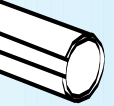
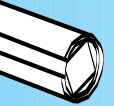
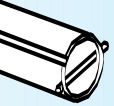
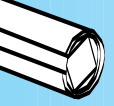
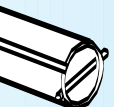
ACTUAL CORE WIDTH	MODEL NO.
32 3/4"	3L
44 3/4"	4L
56 3/4"	5L
68 3/4"	6L
20 3/4"	20L
26 3/4"	26L
32 3/4"	3L
38 3/4"	36L
44 3/4"	4L
50 3/4"	46L
62 3/4"	56L

*Trade name used for identification purposes only.

†All Farr Company equipment produced as a V-8 unit (all vertical units) require a unit with a smaller core. Most recent units (installed since 1973) if the vertical variety are in this category. Please specify when system is V-8. Standard Farr Core (2 1/8" I.D.) fits all units except V-8 (1 7/8" I.D.) Series Machines

CORE IDENTIFICATION GUIDE

Shown are brief descriptions of end views of all cores used on Automatic Roll filter machines. This guide is offered for assistance in identifying the correct core when system manufacturer identification is not possible through other means. All cores furnished are compatible with those furnished by the original equipment manufacturers.

	TYPE AE CORE (to fit AMERICAN AIR FILTER ROLL-O-MATIC)	Core is machined from 3/4" I.D. (1-1/8" O.D.) black pipe and metal discs (end plates) of approximately 11" diameter are attached.
	TYPE CB CORE (to fit CAMBRIDGE AUTOROLL)	Core is machined from 3/4" black pipe. No metal discs are used. (If desired, please specify.)
	TYPE AM CORE (to fit AIRMAZE ROLL-A-MAZE)	Core is formed from fiberboard tube with 1-7/8" I.D. Tube has recessed cups secured in each end with a depth of 5/8". Cup is stamped to form a 1-1/2" x 3/4" rectangular slot.
	TYPE F CORE (to fit FARR CO. ROLL KLEEN FILTERS)	Core is formed from 2-1/8" I.D. metal tube. using no drive pin, cups or discs. Style V-8 core has a 1-7/8" I.D. fiberboard tube.
	TYPE CR CORE (to fit CARRIER CORPORATION SERIES 31 NA ROLL FILTER)	Core is formed from a 2-7/16" fiberboard tube. The tube contains a metal cup secured in each end and recessed to a depth of 1-1/2". The cup is stamped to form a 1-1/2" square opening.
	TYPE C CORE (to fit CONTINENTAL CONOMANUAL OR CONOMATIC)	Core is formed from 3" fiberboard tube. A drive pin is located 2-1/2" from one end of tube only. No cups or discs are used. Type C core also available in metal tube, please specify.
	TYPE T CORE (to fit TRANE COMPANY ROLL FILTER)	Core is formed from 2-7/16" I.D. fiberboard tube. The tube contains a metal cup secured in each end recessed to a depth of 1-1/2". The cup is stamped to form a 1-1/2" square.
	TYPE L CORE (to fit COMMERCIAL FULFLO UNITS and MINE SAFETY APPLIANCE units)	Core is formed from a fiberboard tube with 3" I.D. A drive pin is located 2-1/2" from tube end.

BENEFITS OF THE AUTOMATIC ROLL FILTERS

The filter media is designed with a progressively denser configuration front to rear (air-entering to air-exiting) to ensure maximum dirt-loading and filter

efficiency throughout service life. Heavy-duty kraft paper leaders and trailers make installation and disposal easy. These roll filters will normally equal or exceed the performance and service life of the original filter roll.

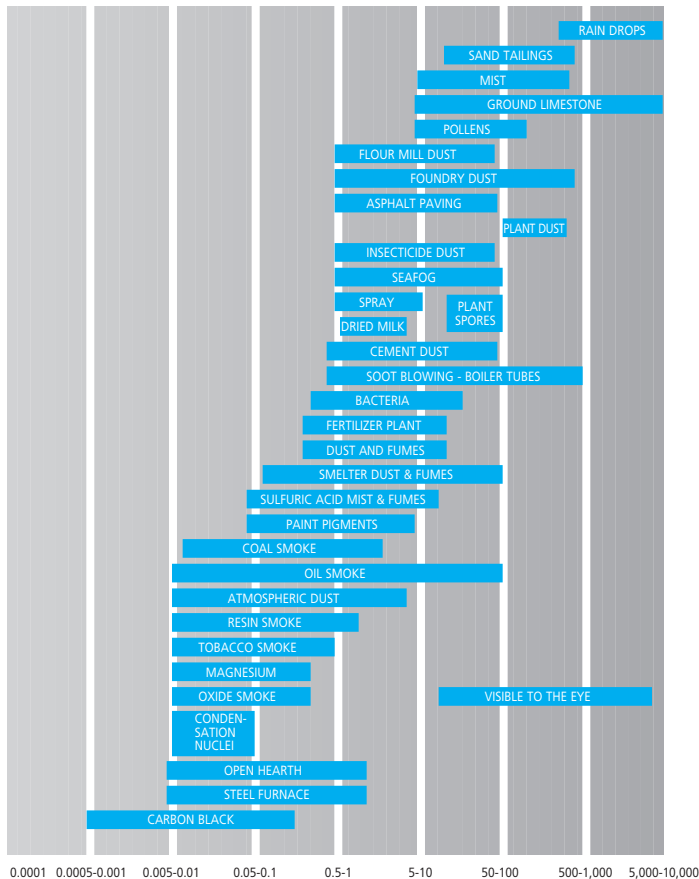
The wide selection of media grades and styles can be tailored to your specific needs.

SPECIFICATIONS

Automatic Roll filters are recommended for velocities up to 500 fpm.

Adhesive will stay intact at constant operating temperature up to 150°F. Adhesive will not migrate downstream and is non-toxic, odorless, and safe to handle. All filter units are classified by Underwriters Laboratories, Inc. as to flammability only Class 2.

MICRON DATA CHART



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