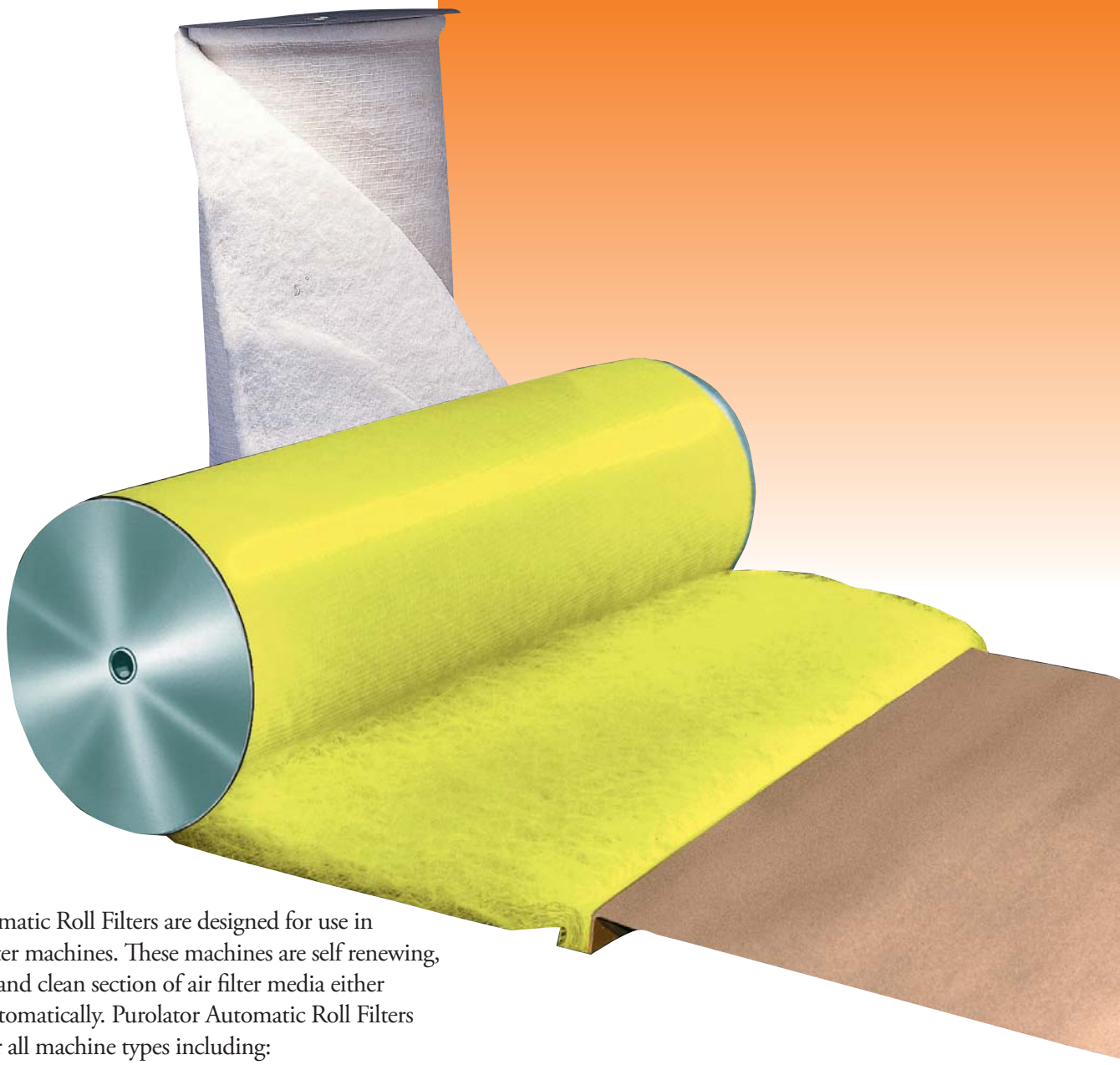
Automatic Roll Filters

Replacements for all Auto Roll Filters



Purolator Automatic Roll Filters are designed for use in primary roll filter machines. These machines are self renewing, offering a new and clean section of air filter media either manually or automatically. Purolator Automatic Roll Filters are available for all machine types including:

- **AAF – Roll-O-Matic***
- **Continental – Conomatic or Conomanual***
- **Cambridge Auto Roll***
- **Carrier 31NA & 31NC Roll Filters***
- **Farr – Roll Kleen***
- **Airmaze – Roll-A-Maze***
- **Trane Company Roll Filter***

** Trade names are used for identification purposes only*

Purolator Automatic Roll Filters have been selected for use by industrial facilities, commercial buildings, government installations, schools and universities, and many other owners of automatic roll equipment. The Purolator replacement roll fits all existing requirements without modification, and filtration performance is guaranteed to equal or surpass original equipment.

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Introduction

Purolator Automatic Roll Filters are manufactured in modern facilities, utilizing the most advanced and sophisticated equipment and techniques, to assure a properly operating product every time. Purolator technology developed this technique with the equipment owner in mind to eliminate all potential problems, found in many products, of installing or during operation of the filter. In addition Purolator's continuous research and development programs provide the finest air filter media available for virtually any application.

Proper roll up techniques now put an end to those bothersome problems with which owners of roll filter equipment were forced to contend. Purolator Roll Filters are produced under a controlled process, assuring proper tension throughout the roll, and a perfectly straight windup, to insure that filter media is delivered to the air stream in its proper configuration.

Purolator Roll Filters are furnished with heavy kraft trailers and leaders secured by sewing to each roll end, to insure ease of installation. In addition, all roll filters are separately placed in sealed heavy plastic bags and furnished one roll per carton. All rolls are a standard length. * Each carton contains printed data indicating all approvals and coding performance characteristics.

Purolator Automatic Roll Filters are all tested in accordance with ASHRAE Standard 52.1-1992. Test results are available upon request.

** Refer to Product Bulletins*

Media Selection Information

Purolator offers a variety of media styles to select from

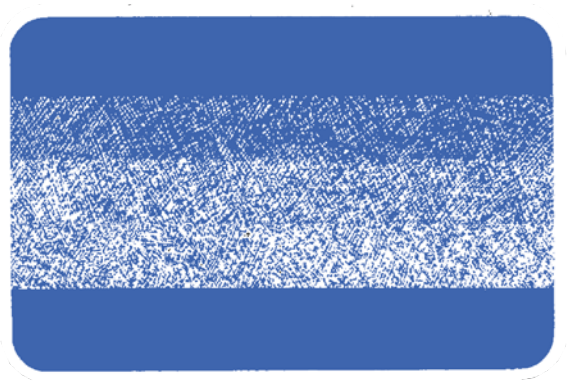
Every system differs, either by air flow, relative humidity, temperature conditions, or filtration level required. Therefore, no one universal filter media will always do the job. Purolator offers seven different automatic roll filter medias. Three of the medias are manufactured from fiberglass, and four are produced from synthetic fibers. Each owner of roll filter equipment can therefore evaluate his own air system and select from the specific Purolator media to meet the needs of his application.

However, no matter what media is selected they all have several common features which include:

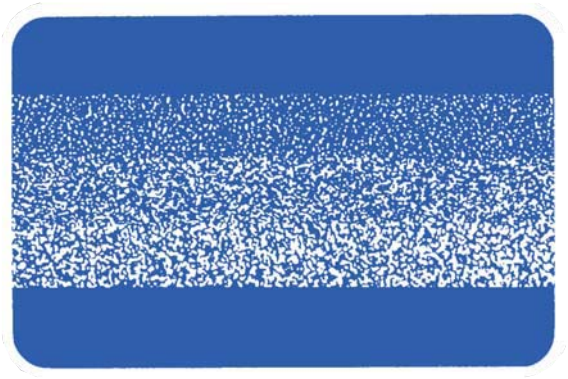
Scrim Backing – All Purolator roll filter medias are furnished with a scrim net backing to insure proper airstream configuration regardless of the conditions of the system.

Air Filter Adhesive – is applied to each square foot of media, at a measured rate by media type, to assure maximum filtration. This adhesive, colorless and odorless, will not run, drip, or entrail at constant operating temperatures up to 150° F.

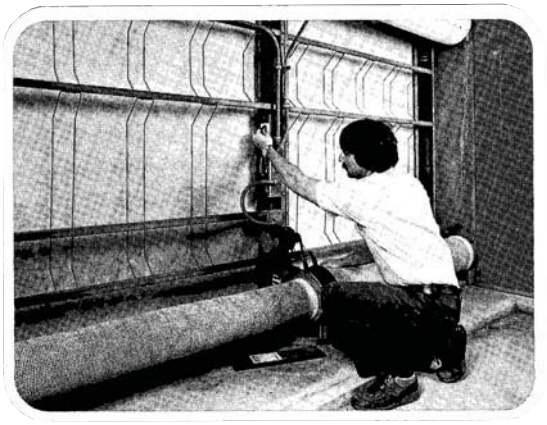
Graded Density Design – All Purolator automatic roll filter media is designed with a progressive density from front to rear (air entering to air leaving) to allow for maximum dirt loading throughout the media blanket. The dirt and dust buildup throughout the media blanket provides longer life and more efficient filtration



The Fiberglass Media is constructed of a multitude of fiberglass strands that form a graduated density for maximum dirt arrestance throughout the media.



The Synthetic Media is constructed of high loft virgin polyester with gradient fiber density that permits even depth loading and long life.



All Purolator Roll Filters are manufactured to exact specifications and dimensions of the original equipment. This insures ease of installation and operating efficiency.

Size and Selection Guide

System: American Air Filter Roll-O-Matic*

Filter Size	Actual Core Width	Model Designation
3	32-3/4"	3AE
4	44-3/4"	4AE
5	56-3/4"	5AE
6	68-3/4"	6AE
21	20-1/4"	21AE
22	22-1/4"	22AE
25	24-7/8"	25AE
32	31-7/8"	32AE
39	38-1/2"	39AE
40	39-7/8"	40AE

System: Cambridge* and/or Electro Air*

Filter Size	Actual Core Width	Model Designation
2	23-7/8"	2CB
3	32-7/8"	3CB
4	44-7/8"	4CB
5	56-7/8"	5CB
6 (Series I & II)	65-7/8"	6CB
6 (Series III)	68-7/8"	6HCB

System: Airmaze Roll A Maze*

Filter Size	Actual Core Width	Model Designation
2	20-1/2"	2AM
3	32-1/2"	3AM
4	44-1/2"	4AM
5	56-1/2"	5AM
6	68-1/2"	6AM

System: BLC and Purolator Industries*

Filter Size	Actual Core Width	Model Designation
2	24-5/8"	10B
3	34-5/8"	11B
4	46-5/8"	12B
5	58-5/8"	13B
6	70-5/8"	14B
7	38-5/8"	15B

System: Continental Conomanual & Conomatic*

Filter Size	Actual Core Width	Model Designation
2	21-7/8"	2C
3	31-7/8"	3C
4	43-7/8"	4C
5	55-7/8"	5C
6	67-7/8"	6C
36	35-7/8"	36C

System: Farr Co. Roll Kleen Filters*

Filter Size	Actual Core Width	Model Designation
3	33"	3F
4	45"	4F
5	57"	5F
6	69"	6F
12	9"	12F
18	15"	18F
22	21"	22F
28	27"	28F
32	33"	32F
38	39"	38F
42	45"	42F
48	51"	48F
52	57"	52F
20	21"	20F
26	27"	26F
30	33"	30F
36	39"	36F
40	45"	40F
46	51"	46F
50	57"	50F

System: Carrier Corporation*

Filter Size	Actual Core Width	Model Designation
31NA-20	26-1/4"	2CR
31NA-40	37-1/4"	3CR
31NA-50	47-1/4"	4CR
31NA-60	61-1/4"	6CR
31NA-20	23-1/2"	24CR
31NA-40	34-1/2"	35CR
31NA-50	44"	44CR
31NA-60	58"	58CR
31NA-70	68"	68CR

System: Trane Company Roll Filters*

Filter Size	Actual Core Width	Model Designation
RF3	19-3/8"	3T
RF6	21-3/8"	6T
RF7	19-3/8"	3T
RF8	31-3/8"	8T
RF9	21-3/8"	6T
RF10	31-3/8"	8T
RF12	35-3/8"	12T
RF14	35-3/8"	12T
RF17	31-3/8"	8T
RF21	31-3/8"	8T
RF24	35-3/8"	12T
RF25	35-3/8"	12T
RF31	45-3/8"	31T
RF35	54-3/8"	35T
RF41	59-3/8"	41T
RF50	63-3/8"	50T
RF63	45-3/8" (2)	31T (2)
	25-3/4"	26T
	38-3/4"	38T
	50-1/4"	51T
	61-3/4"	61T

** System and brand names used for identification purposes.*

NOTE: Model Designations Indicate the Purolator reference for specific machine type or width. To complete the Model Number, the media suffix must appear e.g. 3AE-FG (See Media Selection Chart for alternates).

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Fiberglass and Synthetic medias for every application

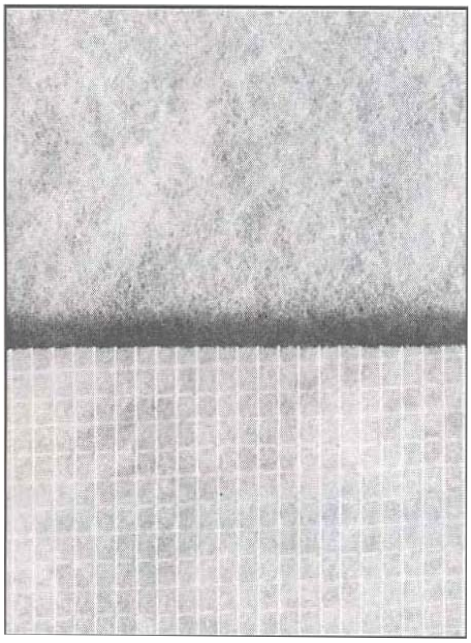
Fiberglass Media

For years, the most popular of all air filter medias, literally miles and miles of fiberglass strands reinforced with a thermosetting bonding agent, form this highly resilient blanket.

Type CF – Where the customer preference for economy is paramount, CF Media is made with a lighter weight fiber content.

Type YTS – YTS delivers more for the dollar spent in media. This media outperforms virtually all competitive roll filter medias. It is recommended also where velocities are at 500 FPM, and normal dirt conditions are present.

Type SHP – A specialty fiberglass media, this highly dense air filter blanket will perform under the most severe conditions. It is recommended where velocities are extreme and dirt loads are either very heavy or unpredictable.



Synthetic Media

For those customers preferring a synthetic air filter media, Purolator offers four styles. Constructed from high loft bulk fibers of post consumer recycled polyester fibers, synthetic media has increased steadily in popularity, particularly in the food, pharmaceutical, and electronic components industries.

Type DSF (1/2") – The most widely used synthetic auto roll media, the purchase price is approximately equal to comparable glass rolls. Recommended where air velocities are 500 FPM and dirt loads are normal.

Type DMC (1") – A specially designed, heavy weight polyester synthetic media, Type DMC is especially well suited for industrial applications, or other installations where airborne dirt is heavy. A fully lofted media, furnished with a scrim net backing make this an appropriate choice for more extreme conditions.

Type DL-I (1") – This unique media is recommended where dirt loads are heavy and velocities are above normal. Type DL-1 delivers high dirt arrestance values.

Type DL-II (2") – This thick resilient blanket has the performance characteristics of high quality fiberglass with the advantages of a synthetic media. High dust holding and high arrestance characterize this media.

P-AUTOROLL-1208

Purolator®

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