

## Fiberglass MERV 1 - 4 Disposable Air Filter



The **F312** disposable panel filters are designed to withstand the demands of tough industrial and commercial applications. Purolator assures filter durability by utilizing construction features not found in traditional designs.

**Frame** – Purolator **F312** frames are produced using post consumer recycled materials. The unique Monobond pinch frame concept involves a one piece frame sealed to the media under heat and pressure. This construction feature produces a continuous bond of media to board around the periphery of the frame, eliminating weak corners and air bypass. The use of a high tensile strength polyethylene binder increases the integrity of the seal, allowing the filter to withstand varying temperatures and humidity levels. When compared to traditional designs, the filter’s notched frame corners allow units to interlock, providing up to 33% savings on warehouse space and freight costs.

**Media** – Purolator **F312** filters are manufactured with superior grade fiberglass media to guarantee full depth loading and high dust holding capacity. A computer controlled manufacturing process assures a uniform gradient density pattern in the media. To enhance filtration capability and prevent migration of finer particles, the filter media has a skin backing and is evenly coated with a gelled adhesive.

**Application** – Purolator’s **F312** filters perform best in conditions where large quantities of lint and dust are present. Their rugged construction makes them industry leaders in the high velocity system, pre-filter market.

- **Performance is enhanced by a skin backing on the air leaving side of the media**
- **Space saving notched frame**
- **Reduce warehouse space and shipping costs with innovative Monobond pinch frame notched design**
- **Improved aerodynamics reduce restriction to air flow**
- **Safe, easy, fast installation**
- **Larger effective filtering surface area**
- **Wide selection of standard sizes**
- **Classified Class 2 by Underwriters Laboratories, Inc.**

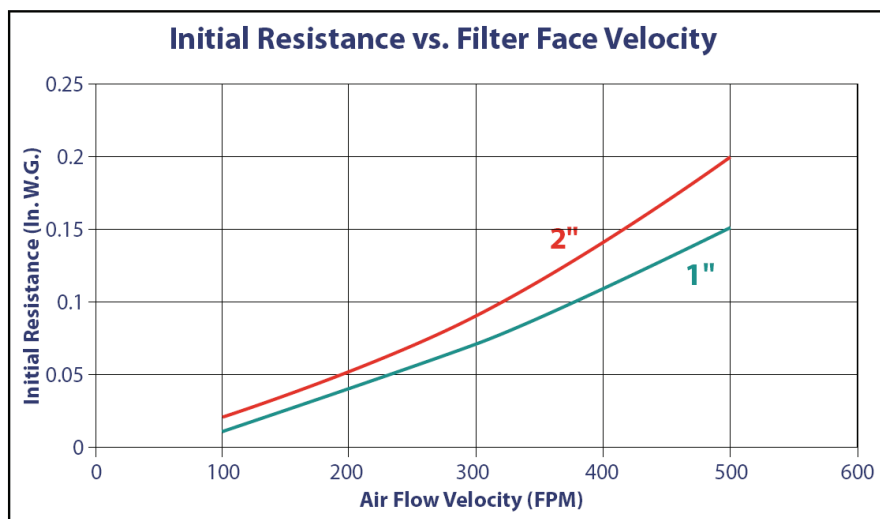
## Fiberglass MERV 1 - 4 Disposable Air Filter

Part Number	Description	Standard Sizes 1"	Standard Sizes 2"	Case Qty	Weight
F312-STD-8161	8 x 16 x 1 STD FG Disp Pnl M1-4	8 x 16 x 1	-	12	2.3
F312-STD-8301	8 x 30 x 1 STD FG Disp Pnl M1-4	8 x 30 x 1	-	12	3.5
F312-STD-10101	10 x 10 x 1 STD FG Disp Pnl M1-4	10 x 10 x 1	-	12	1.8
F312-STD-10161	10 x 16 x 1 STD FG Disp Pnl M1-4	10 x 16 x 1	-	12	2.2
F312-STD-10201	10 x 20 x 1 STD FG Disp Pnl M1-4	10 x 20 x 1	-	12	3.0
F312-STD-10241	10 x 24 x 1 STD FG Disp Pnl M1-4	10 x 24 x 1	-	12	3.5
F312-STD-10251	10 x 25 x 1 STD FG Disp Pnl M1-4	10 x 25 x 1	-	12	3.6
F312-STD-10301	10 x 30 x 1 STD FG Disp Pnl M1-4	10 x 30 x 1	-	12	4.1
F312-STD-12121	12 x 12 x 1 STD FG Disp Pnl M1-4	12 x 12 x 1	-	12	2.4
F312-STD-12161	12 x 16 x 1 STD FG Disp Pnl M1-4	12 x 16 x 1	-	12	2.8
F312-STD-12181	12 x 18 x 1 STD FG Disp Pnl M1-4	12 x 18 x 1	-	12	3.0
F312-STD-12201	12 x 20 x 1 STD FG Disp Pnl M1-4	12 x 20 x 1	-	12	3.3
F312-STD-12241	12 x 24 x 1 STD FG Disp Pnl M1-4	12 x 24 x 1	-	12	3.9
F312-STD-12251	12 x 25 x 1 STD FG Disp Pnl M1-4	12 x 25 x 1	-	12	4.0
F312-STD-12301	12 x 30 x 1 STD FG Disp Pnl M1-4	12 x 30 x 1	-	12	4.6
F312-STD-14141	14 x 14 x 1 STD FG Disp Pnl M1-4	14 x 14 x 1	-	12	2.3
F312-STD-14161	14 x 16 x 1 STD FG Disp Pnl M1-4	14 x 16 x 1	-	12	2.8
F312-STD-14181	14 x 18 x 1 STD FG Disp Pnl M1-4	14 x 18 x 1	-	12	3.3
F312-STD-14201	14 x 20 x 1 STD FG Disp Pnl M1-4	14 x 20 x 1	-	12	3.8
F312-STD-14241	14 x 24 x 1 STD FG Disp Pnl M1-4	14 x 24 x 1	-	12	4.3
F312-STD-14251	14 x 25 x 1 STD FG Disp Pnl M1-4	14 x 25 x 1	-	12	4.4
F312-STD-14301	14 x 30 x 1 STD FG Disp Pnl M1-4	14 x 30 x 1	-	12	4.9
F312-STD-15201	15 x 20 x 1 STD FG Disp Pnl M1-4	15 x 20 x 1	-	12	4.0
F312-STD-15251	15 x 25 x 1 STD FG Disp Pnl M1-4	15 x 25 x 1	-	12	4.6
F312-STD-15301	15 x 30 x 1 STD FG Disp Pnl M1-4	15 x 30 x 1	-	12	5.2
F312-STD-1530581	15 x 30-5/8 x 1 STD FG Disp Pnl M1-4	15 x 30-5/8 x 1	-	12	5.3
F312-STD-16161	16 x 16 x 1 STD FG Disp Pnl M1-4	16 x 16 x 1	-	12	3.7
F312-STD-16201	16 x 20 x 1 STD FG Disp Pnl M1-4	16 x 20 x 1	-	12	4.1
F312-STD-16241	16 x 24 x 1 STD FG Disp Pnl M1-4	16 x 24 x 1	-	12	4.8
F312-STD-16251	16 x 25 x 1 STD FG Disp Pnl M1-4	16 x 25 x 1	-	12	4.9
F312-STD-16301	16 x 30 x 1 STD FG Disp Pnl M1-4	16 x 30 x 1	-	12	5.6
F312-STD-18181	18 x 18 x 1 STD FG Disp Pnl M1-4	18 x 18 x 1	-	12	4.3
F312-STD-18201	18 x 20 x 1 STD FG Disp Pnl M1-4	18 x 20 x 1	-	12	4.6
F312-STD-18241	18 x 24 x 1 STD FG Disp Pnl M1-4	18 x 24 x 1	-	12	5.3
F312-STD-18251	18 x 25 x 1 STD FG Disp Pnl M1-4	18 x 25 x 1	-	12	5.4
F312-STD-18301	18 x 30 x 1 STD FG Disp Pnl M1-4	18 x 30 x 1	-	12	5.7
F312-STD-20201	20 x 20 x 1 STD FG Disp Pnl M1-4	20 x 20 x 1	-	12	5.1
F312-STD-2022141	20 x 22-1/4 x 1 STD FG Disp Pnl M1-4	20 x 22-1/4 x 1	-	12	5.4
F312-STD-20241	20 x 24 x 1 STD FG Disp Pnl M1-4	20 x 24 x 1	-	12	5.7
F312-STD-20251	20 x 25 x 1 STD FG Disp Pnl M1-4	20 x 25 x 1	-	12	5.9
F312-STD-20301	20 x 30 x 1 STD FG Disp Pnl M1-4	20 x 30 x 1	-	12	8.7
F312-STD-22221	22 x 22 x 1 STD FG Disp Pnl M1-4	22 x 22 x 1	-	12	5.8
F312-STD-24241	24 x 24 x 1 STD FG Disp Pnl M1-4	24 x 24 x 1	-	12	6.1
F312-STD-24301	24 x 30 x 1 STD FG Disp Pnl M1-4	24 x 30 x 1	-	12	10.3
F312-STD-25251	25 x 25 x 1 STD FG Disp Pnl M1-4	25 x 25 x 1	-	12	6.8
F312-STD-10202	10 x 20 x 2 STD FG Disp Pnl M1-4	-	10 x 20 x 2	12	5.4
F312-STD-12242	12 x 24 x 2 STD FG Disp Pnl M1-4	-	12 x 24 x 2	12	5.6
F312-STD-14202	14 x 20 x 2 STD FG Disp Pnl M1-4	-	14 x 20 x 2	12	5.6
F312-STD-14252	14 x 25 x 2 STD FG Disp Pnl M1-4	-	14 x 25 x 2	12	7.1
F312-STD-15202	15 x 20 x 2 STD FG Disp Pnl M1-4	-	15 x 20 x 2	12	5.0
F312-STD-16162	16 x 16 x 2 STD FG Disp Pnl M1-4	-	16 x 16 x 2	12	5.5
F312-STD-16202	16 x 20 x 2 STD FG Disp Pnl M1-4	-	16 x 20 x 2	12	6.0
F312-STD-16242	16 x 24 x 2 STD FG Disp Pnl M1-4	-	16 x 24 x 2	12	7.1
F312-STD-16252	16 x 25 x 2 STD FG Disp Pnl M1-4	-	16 x 25 x 2	12	7.2
F312-STD-18242	18 x 24 x 2 STD FG Disp Pnl M1-4	-	18 x 24 x 2	12	8.0
F312-STD-20202	20 x 20 x 2 STD FG Disp Pnl M1-4	-	20 x 20 x 2	12	7.2
F312-STD-20242	20 x 24 x 2 STD FG Disp Pnl M1-4	-	20 x 24 x 2	12	8.5
F312-STD-20252	20 x 25 x 2 STD FG Disp Pnl M1-4	-	20 x 25 x 2	12	8.6
F312-STD-24242	24 x 24 x 2 STD FG Disp Pnl M1-4	-	24 x 24 x 2	12	9.6
F312-STD-25252	25 x 25 x 2 STD FG Disp Pnl M1-4	-	25 x 25 x 2	12	9.7

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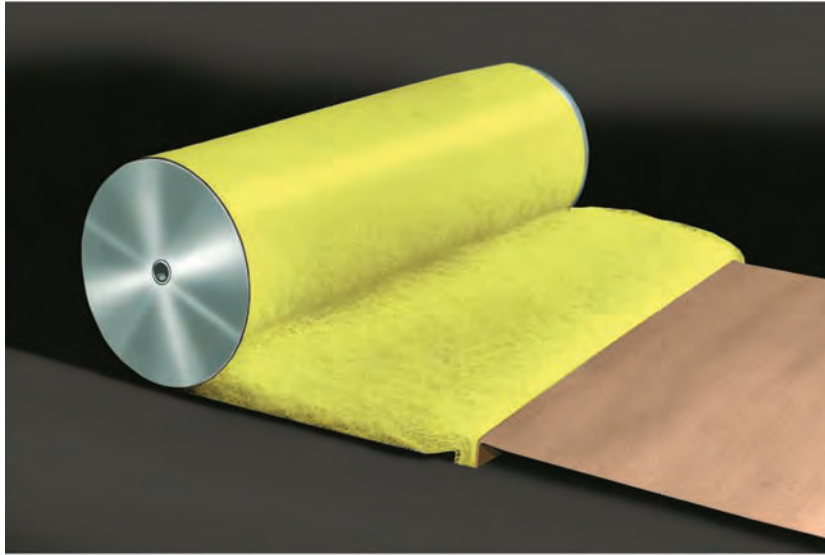
Industrial Strength, 1" & 2" Disposable Panel Filters, Fiberglass Media

Category	F312 1"	F312 2"
Air Flow Velocity (FPM)	300	300
Initial Resistance (In. W.G.)	.07"	.09"
Recommended Final Resistance (In. W.G.)	.50"	1.0"
Average Arrestance (%)	72%	75%



\* Resistance climbs more rapidly on 1" thus reducing dust holding capacity and filter life. Testing conducted in accordance with the ASHRAE 52.1-1992 Test Standard. Classified Class 2 by Underwriters Laboratories, Inc.

## Fiberglass and Synthetic MERV 5 Auto Rolls

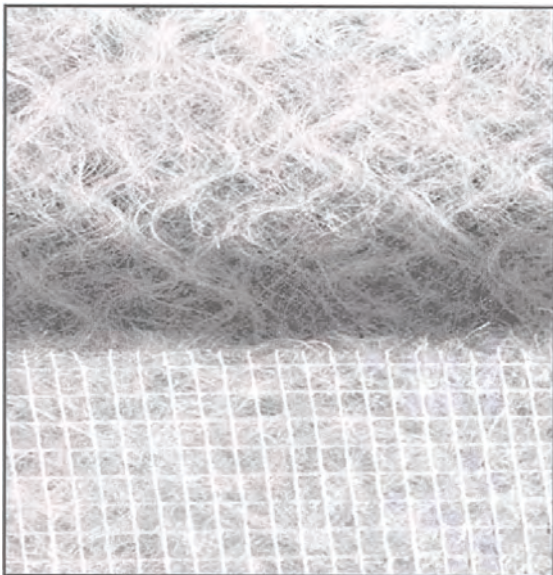


Automatic Roll Filters are designed for use in primary roll filter machines. These machines are self renewing, offering a new and clean section of air filter media either manually or automatically. Automatic Roll Filters are available for all machine types including:

- **AAF – Roll-O-Matic\***
- **Continental – Conomatic or Conomannual\***
- **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*

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 Airguard replacement roll fits all existing requirements without modification, and filtration performance is guaranteed to equal or surpass original equipment.



### Fiberglass and Synthetic media for every application

#### Fiberglass Media

For years, the most popular of all air filter media, 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 lighter weight fiber content.

**Type YTS** – YTS delivers more for the dollar spent in media. This media outperforms virtually all competitive roll filter media. 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.