

PERMAFLO®

RIGID POLYESTER FILTER

PermaFlo® is a state-of-the-art non-woven polyester air filter. Unlike traditional hog hair air filters or disposable pleated air filters, PermaFlo has lower initial resistance to airflow while still maintaining exceptional performance, durability and cost-effectiveness. Crafted from moisture-resistant polyester, PermaFlo provides increased longevity and is available in MERV ratings of 5, 6 and 8.

ADVANCED NON-WOVEN POLYESTER TECHNOLOGY

PermaFlo fibers are randomly dispersed in all directions through an air-laid web, creating a uniform media of high strength, rigidity and durability.

BI-DIRECTIONAL AIRFLOW DESIGN

PermaFlo's bi-directional design allows the filter to be installed with either side facing out. This structure simplifies the installation process and improves the overall efficiency of your air filtration system.

EXCEPTIONAL MERV RATINGS

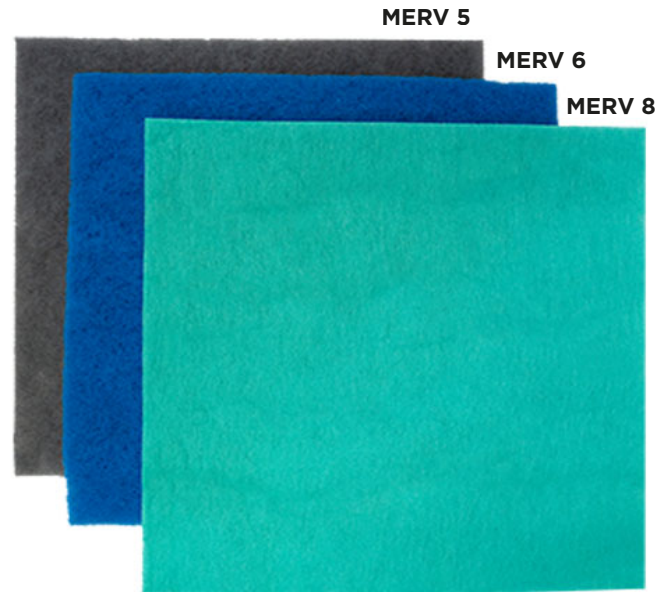
Our three filter types each have superior MERV ratings to cater to the unique filtration demands of your application.

EFFICIENT CONTAMINANT TRAPPING

High-volume contaminants are efficiently trapped within the complete depth of the fiber, ensuring superior air filtration.

Permatron's air filter frames maximize PermaFlo efficiency, while its disposable media simplifies changeouts.

- 28-gauge galvanized steel frame with an expanded metal support grid on one side
- 2 crisscrossed wire supports
- Also available in stainless steel or aluminum upon request
- Custom sized to fit your application
- 1/2", 1" or 2" thickness
- 5 Year Warranty



NO METAL FRAME REQUIRED AND CUT TO FIT

PermaFlo's rigid media can be installed with or without a metal holding frame and can be cut to fit as a standalone air filter or placed within a pad-stabilizing frame.

WATER PENETRATION TESTED

Independent testing using UL-50 rain guidelines demonstrated no water droplets penetrating the inside of the testing chamber, ensuring protection for sensitive equipment.

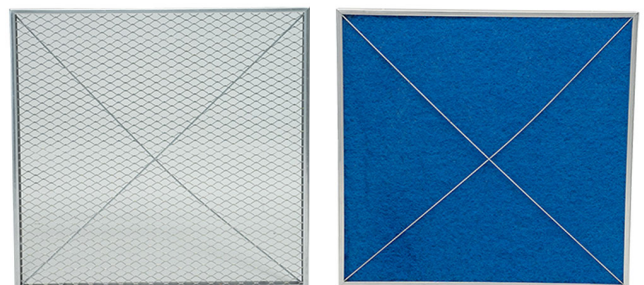
WASHABLE WITH NO SHARP EDGES

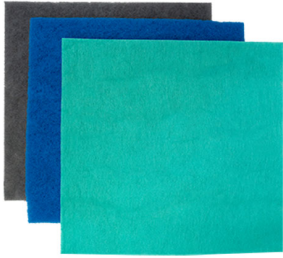
This washable rigid media allows for multiple uses and features no sharp edges, which makes it a better alternative to hog hair or fiberglass media, which can be sharp when handling.

BLOCKS MOISTURE

PermaFlo effectively collects water and mist without absorbing moisture or sagging.

STABILIZING AIR FILTER FRAME AVAILABLE





#1 FOR RIGID AIR FILTER MEDIA

PermaFlo's unique product line improves air quality standards and serves as a superior alternative to metal mesh mist eliminators.

PERMAFLO GRAY	PERMAFLO BLUE	PERMAFLO GREEN
Contains an antimicrobial additive to inhibit the growth of bacteria, fungi, mold spores, mildew and other contaminants prevalent in humid environments. Available with a MERV rating of 5.	As an exceptional mist eliminator, this media keeps water out by absorbing moisture, as validated by the UL-50 water barrier CID test. Offered in MERV 5 or 6, depending on the nominal thickness.	Its outstanding arrestance efficiency, coupled with a MERV rating of 8, underscores its exceptional filtration capabilities.

Nominal Thickness	.5"	1.0"	.5"	1.0"	1.0"
Product Weight	9.2 +/- 2.1 Oz. per Square Yard	16.9 +/- 2.4 Oz. per Square Yard	22.5 +/- 2.0 Oz. per Square Yard	24.3 +/- 2.0 Oz. per Square Yard	23.4 +/- 3/5 Oz. per Square Yard
Initial Air Flow Resistance @1200 CFM	0.03 In WG	0.06 in WG	0.04 in WG	0.06 in WG	0.18 in WG
Arrestance Efficiency	71%	71%	70%	80%	89.4%
Dust Holding Capacity	186 gms	276 gms	316 gms	343 gms	114 gms
MERV Rating	5	5	5	6	8
FMVSS 302 Compliant	Yes	Yes	Yes	Yes	Yes
UL 900 Certified - Flammability	Yes	Yes	Yes	Yes	Yes
Antimicrobial Properties - Spor-Ax®	Yes	Yes	No	No	Yes
UL-50 Water Barrier CID Test	No	Yes	Yes	Yes	-
Maximum Operating Temperature	200° F	200° F	200° F	200° F	200° F
Models/Roll Pad Sizes	PFLO1/2-G72 (72" X 108') PFLO1/2-G24-SR (24" X 108') PFLO1/2-G36-SR (36" X 108')	PFLO1-G72 (72" X 90') PFLO1-G24-SR (24" X 90') PFLO1-G36-SR (36" X 90')	PFLO1/2-ROLL25 (25" X 48') PFLO1/2-ROLL48 (48" X 48')	PFLO1-ROLL25 (25" X 36') PFLO1-ROLL30 (30" X 36') PFLO1-ROLL36 (36" X 36') PFLO1-ROLL48 (48" X 36')	PFLO1-ROLL24-GREEN (24" X 60') PFLO1-ROLL48-GREEN (48" X 60')

PermaFlo® has multiple uses in various industries

- Aerospace
- Aftermarket
- Computers
- Electronics
- Filter Banks
- Food Service
- HVACR
- Ice Machines
- Industrial Enclosures
- Marine
- Medical
- Military
- Portable cooling
- Power Generation
- PTAC
- Reach-in Coolers
- Refrigerated Display Cases
- Telecom
- Transportation
- Wind Turbin

For questions and orders contact
Rensa Filtration at info@rensafiltration.com
or visit rensafiltration.com

Permatron
2020 Touhy Avenue, Elk Grove Village, IL 60007
1-800-882-8012 | www.permatron.com