

# ProStar™ Premium Cartridge Filters



MADE IN  
USA

**Welding**  
**Cutting**  
**Surface Technologies**  
**Powdercoating**

**Innovative, lab-tested replacement air filters help enhance dust-collection efficiency, cut energy costs and protect facility air quality and employee health.**

For almost every dust- and particle-prone working environment, maintaining a high-efficiency filter system is crucial. *ProStar* Premium Cartridge Filters combine leading-edge technology with the high quality and value associated with the *ProStar* brand. Our premium line of cartridge filters can help you improve your shop environment and reduce operational costs.

## **PROSTAR REPLACEMENT FILTERS**

- *ProStar* PTFE, E 11
- *ProStar* NF Merv 15
- *ProStar* SP Merv 12
- *ProStar* CP Merv 11

# ProStar Replacement Air Filters

Torit®\*  
Farr®  
AAF®  
Wagner®  
Donaldson®

Gortex®  
VentBoss®  
Nordson®  
Filter One®  
Binks®

Gema®  
Micro Air®  
Zero Blast®  
Airflow  
Systems®

Wheelabrator®  
RoboVent®  
Dust Hog®/  
Smog Hog®  
Dustex®

Polaris®  
UAS®



You know that clean, particle-free air is vital for the safety of your personnel and productivity of your facility. However, efforts to purify your facility's air can be hindered by underperforming, short-lived commodity filters and expensive OEM filters that fail to deliver the results you need and increase your costs.

Praxair's *ProStar* Premium Cartridge Filters don't just filter your air more effectively than comparable OEM options—their lifespan extends two to three times longer per filter, resulting in fewer replacements, lower maintenance and maximum savings.



## FEATURES

- Industry-highest MERV Ratings
- D-Ring technology
- Ultra high-efficiency and exceptional performance
- Specialized filter medias designed for a wide variety of applications
- Ultra-fast curing Urethane
- Two inch pleat depth
- Fabric bands

## BENEFITS

- Higher efficiency and longer lifespan than standard industry media blends
- Improved seal and protection
- Lowered overall cost of operation
- Reduced workplace emissions for better employee health and plant quality
- Ensures a 100% guaranteed seal
- Ensures maximum air-to-cloth ratio
- Won't compromise media integrity

What's best, *ProStar* replacement filters are lab-tested and certified with the industry's highest MERV ratings—the standard for gauging filter efficiency. In applications ranging from reducing weld fumes; to capturing laser dust; to improving compressed air usage and more, *ProStar* premium cartridge filters will deliver best in class performance.

\*Some Torit models not supported. Please contact your Praxair MPS for details.

## ProStar™ Filter Media Options



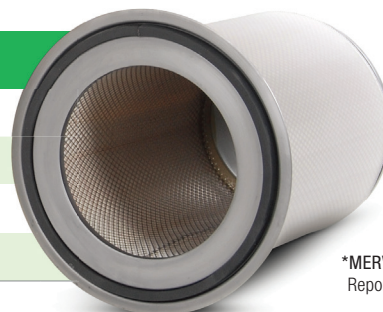
Independently lab-tested ProStar Premium Cartridge Filters are engineered to stretch your filter's lifespan and operational budgets further. ProStar filters are 8 inches to 22 inches in diameter, available in lengths up to 52 inches, and provide a diverse selection of media options to ensure the right filter solution for your application.

ProStar FILTERS	CP-M11	SP-M12	NF-M15	PT-E11
<b>BASE MEDIA</b>	Cellulose/Poly Blend	Spunbond Polyester	Cellulose/Poly with Nanofiber	Spunbond Polyester with PTFE Membrane
<b>MERVE EFFICIENCY RATING*</b>	11	12	15	20/E-11
<b>CONTINUOUS SERVICE TEMPERATURE</b>	180 °F (82 °C)	200 °F (93 °C)	180 °F (82 °C)	275 °F (135 °C)
<b>ABRASION RESISTANCE</b>	Good	Excellent	Good	Excellent
<b>CHEMICAL TOLERANCE</b>	Fair	Excellent	Good	Excellent
<b>FLAME-RETARDANT</b>	Yes	No	Yes	No
<b>APPLICATIONS</b>	Carbon steel welding, hybrid steel welding, resistance welding, general industrial, plastics, wood dust	Abrasive/shot blasting, sand blasting, metal and composite grinding, general industrial, cement, wood dust, cardboard, paper, rubber, food processing, fiberglass, textiles	Aluminum welding, carbon steel welding, metalizing (low temperature), resistance welding, general industrial, power plants (low temperature), turbine inlet, heavy vehicle intake	Laser and plasma cutting, stainless steel welding, aluminum welding, polishing, buffing, agglomerating materials, turbine, metalizing (high temperature), pharmaceuticals, ceramics, asbestos
<b>SPECIAL CHARACTERISTICS</b>	This depth-loading hybrid media offers superior filtration through a unique blend of multi-sized fibers that creates high-efficiency filtration for small and larger particulate.	A high-strength, durable media with nanofiber membrane that provides excellent surface loading and dust release capabilities.	High-efficiency filtration for extremely small particulate down to 0.3 micron in size. Excellent particle release with membrane filtration.	Ultra-high HEPA filtration with state-of-the-art ptfе membrane for excellent particle release and long filter life. A hydrophobic membrane that repels all submicronic particulate, both wet or dry.
<b>PERFORMANCE</b>	A high-efficiency media, for an economical price for most welding application.	Where high-efficiency filtration, flexibility, low resistance and excellent dust release capabilities are demanded, this MERV 15 media has proven itself superior.	Premium performance for ambient filtration, weld smoke, and extreme fine and non-fibrous dust.	Excellent performance for processes that require HEPA filtration with a cartridge filter. This is the highest efficiency and lowest resistance cartridge filter in the industry.

Specifications subject to change without notice. Consult your Praxair representative when ordering.

### FILTER EFFICIENCY NUMBERS

TYPICAL	PROSTAR
CELLULOSE/POLY MERV 9-10	CP-M11 MERV 11
CELLULOSE/POLY/NF MERV 12-13	NF-M15 MERV 15
SPUNBOND POLYESTER MERV 10-11	SP-M15 MERV 15
POLYESTER/PTFE MERV 16	PT-E11 HEPA



\*MERV = Minimum Efficiency Reporting Value