

A15 Pleatlock premium filter media is a proprietary cellulose polyester blended flame retardant media with a nanofiber surface filtration layer with an initial Minimum Efficient Reporting Value of 15 (MERV 15). The base media is enhanced with a direct-spray nanofiber to promote surface loading during operation and dust release during pulse cleaning. RoboVent's PleatLock and Endurex RMO technology has been engineered to provide more filter media within the cartridge for extended filter life and reduced maintenance. The A15 captures 85% to 94% of particles in the 0.3 to 1.0 micron range, making it suitable for many general industry applications, including weld smoke, plasma cutting, metal grinding, wheel or air blasting, food or pharmaceutical applications and more.

PleatLock filters are high-performance cartridge filters with excellent filtration efficiency, performance and longevity. The innovative pleat design results in 35% more filter media per inch for a more compact filter and an overall smaller dust collection system. Dimples in the pleats allow for better airflow and lower pressure drop for enhanced performance and energy efficiency.

Endurex RMO filters use a mini-pleat design with wide pleat spacing for enhanced airflow. RMO support keeps optimal separation between the pleats, which ensures even filter loading and maximizes the available filter media.



Standard Product Characteristics

Base Media:	Cellulose/Polyester Blend + Fire Retardant
Pulse Layer:	Nanofiber
Max. Temperature:	180°F
Max. Humidity:	95%
ASHRAE Efficiency:	MERV 15*
End Cap:	Galvanized Steel

PleatLock A15 Filter Sizes

ITEM NUMBER	MEDIA AREA (FT ²)	END CAP CONFIGURATION	SF SIZE (IN)	OD (IN)	ID (IN)	LENGTH (IN)	LENGTH TOLERANCE (IN)
PL-10D12-A15-C	71	OPEN/CLOSED	NA	10.88	6.18	11.95	+/- 1/16"
PL-10D12-A15	71	OPEN/OPEN	NA	10.88	6.18	11.95	+/- 1/16"
PL-12D26-A15	209	OPEN/OPEN	NA	12.88	8.5	25.95	+/- 1/16"
PL-12D26-A15-OC-DBG	209	OPEN/CLOSED	NA	12.88	8.5	25.95	+/- 1/16"
PL-12D36-A15-C	290	OPEN/CLOSED	NA	12.88	8.5	34.95	+/- 1/16"
PL-14D26-A15	240	OPEN/OPEN	NA	13.95	9.56	25.95	+/- 1/16"
PL-14D26-A15-C	240	OPEN/CLOSED	NA	13.95	9.56	25.93	+/- 1/16"
PL-14D26-A15-SF	240	SQUARE/CLOSED	16x16	13.95	9.56	25.93	+/- 1/16"
PL-14D36-A15	333	OPEN/OPEN	NA	13.95	9.56	34.95	+/- 1/16"
PL-14D36-A15-C	333	OPEN/CLOSED	NA	13.95	9.56	34.93	+/- 1/16"
PL-14D36-A15-SF	333	SQUARE/CLOSED	16x16	13.95	9.56	34.93	+/- 1/16"
PL-14D52-A15-SF	480	SQUARE/CLOSED	16x16	13.95	9.56	51.88	+/- 1/16"
PL-14D52-A15-SF21	480	SQUARE/CLOSED	15x21	13.95	9.56	51.89	+/- 1/16"
PL2-14D52-A15-SF	480	SQUARE/CLOSED	17x18	13.95	9.56	52	+/- 1/16"
PL-18D16-A15	191	OPEN/OPEN	NA	17.38	12.56	15.95	+/- 1/16"
PL-22D14-A15-C	238	OPEN/CLOSED	NA	22.38	17.88	13.95	+/- 1/16"
PL-22D21-A15	357	OPEN/OPEN	NA	22.38	17.88	20.95	+ 1/16"
EX3-24D21-A15	225	OPEN/OPEN	NA	24.02	17.63	21.02	+ 1/16"

* Note: MERV estimated on clean filter only. Assumes this is minimum.