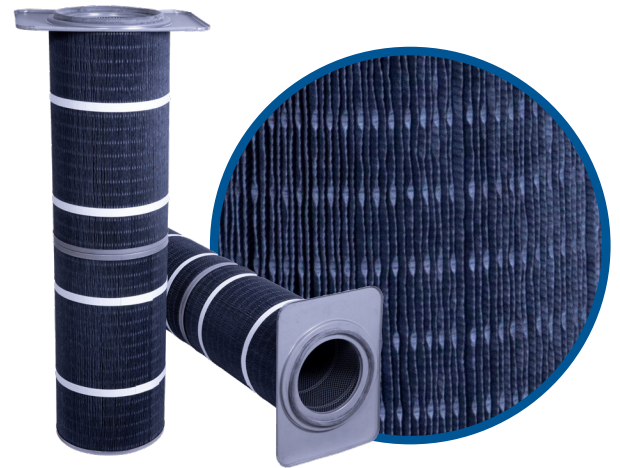


Carbon Impregnated media is a proprietary cellulose blended media with a nanofiber surface filtration layer plus antistatic finish with an initial Minimum Efficient Reporting Value of 15 (MERV 15). The base media is enhanced with a direct-spray nanofiber to promote surface loading during operation and dust release during pulse cleaning and it has an electrically conductive and fire retardant finish. RoboVent's PleatLock technology has been engineered to provide more filter media within the cartridge for extended filter life and reduced maintenance. The media captures 85% to 94% of particles in the 0.3 to 1.0 micron range, making it suitable for many general industry applications, including plastics, PVC, combustible dusts or any dust particulate holding a static charge. This media helps reduce static charges inherent to dust generating processes that may allow dust to cling to filter media and helps reduce the risk of deflagration due to static charges of combustible dusts.

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.



Standard Product Characteristics

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

PleatLock Carbon Filter Sizes

ITEM NUMBER	MEDIA AREA (FT ²)	END CAP CONFIGURATION	SF SIZE (IN)	OD (IN)	ID (IN)	LENGTH (IN)	LENGTH TOLERANCE (IN)
PL-12D26-CC	209	OPEN/OPEN	NA	12.88	8.5	25.95	+/- 1/16"
PL-14D26-CC	240	OPEN/OPEN	NA	13.95	9.56	25.95	+/- 1/16"
PL-14D36-CC-SF	333	SQUARE/CLOSED	16x16	13.95	9.56	34.95	+/- 1/16"
PL-14D52-CC-SF	480	SQUARE/CLOSED	16x16	13.95	9.56	51.88	+/- 1/16"
PL-14D52-CC-SF21	480	SQUARE/CLOSED	15x21	13.95	9.56	51.89	+/- 1/16"
PL2-14D52-CC-SF	480	SQUARE/CLOSED	17x18	13.95	9.56	52	+/- 1/16"

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