

Oleophobic Premium Filters consist of an cellulose/polyester, fire retardant blend that provides superior dust release and oil resistance. Oleophobic filter media is designed to repel oils and lubricants, making them resistant to oil absorption and allowing them to maintain filtration efficiency in environments where oil or oily substances are present. RoboVent's PleatLock technology has been engineered to provide more filter media within the cartridge for extended filter life and reduced maintenance. With a filtration efficiency rating of MERV15, these filters are suitable for capture of fine dust mixed with small amounts of metalworking fluid (MWF). Not for use with oil mist applications.



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/Polyester Blend + Flame Retardant
Pulse Layer:	Oleophobic
Max. Temperature:	180°F
Max. Humidity:	95%
ASHRAE Efficiency:	MERV 15*
End Cap:	Galvanized Steel

PleatLock Oleophobic 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-HO-OC-DBG	209	OPEN/CLOSED	NA	12.88	8.5	25.95	+/- 1/16"
PL-14D26-HO	240	OPEN/OPEN	NA	13.95	9.56	25.95	+/- 1/16"
PL-14D26-HO-SF	240	SQUARE/CLOSED	16x16	13.95	9.56	25.93	+/- 1/16"
PL-14D52-HO-SF	480	SQUARE/CLOSED	16x16	13.95	9.56	51.88	+/- 1/16"
PL-14D52-HO-SF21	480	SQUARE/CLOSED	15x21	13.95	9.56	51.89	+/- 1/16"
PL2-14D52-HO-SF	480	SQUARE/CLOSED	17x18	13.95	9.56	52	+/- 1/16"
PL-22D21-HO	357	OPEN/OPEN	NA	22.38	17.88	20.95	+ 1/16"

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