

Designed for removal of base, acid and organic gas phase contaminants, Donaldson LITHOGUARD® Point-of-Use (POU) filters are ideal for pressurized air and nitrogen, which require extremely high purity environments. POU filters enable a tight focus on a particular set of process contaminants.



Donaldson LITHOGUARD stainless steel point-of-use filters are prepurged and ready for immediate use.

FEATURES & BENEFITS

- For use with Clean Dry Air (CDA), N₂, and other inert gases
- Filter housing made of Type 304 stainless steel
- Filters provide particulate filtration in addition to chemical filtration
- Designed to remove acid, base and organic contaminant via physisorption and chemisorption
- Various media options to suit specific environmental requirements
- Max operating pressure - 150 psi / 10 bar
- Wide variety of standard fittings available
- Filters prepurged and ready for immediate installation
- Global sales and service
- Many off-the-shelf filters are available for various flow rates

OPTIONAL FEATURES

- Used filter analysis available upon request
- Media is conditioned to the applicable relative humidity to match gas supply conditions and to maximize absorption efficiency
- Contact Donaldson today if you have an application that is not met by our current product offering

POINT-OF-USE FILTERS

FILTER SPECIFICATIONS

Part Number	Contaminants Removed	Flow Rate (SLPM)	Pressure Drop ΔP @ 1 bar (mbar)	Particulate Media	Approx. Dimensions L x Diam. (mm)	Fitting	Approx. Weight (kg)	
N ₂ / CDA	P511885	Acid, base & organics	50	< 50	> 99.999% eff. @ 0.3 μ m	216 x 102	1/4" tube	4.0
	P512886	Acid, base & organics	100	231	> 99.999% eff. @ 0.3 μ m	372 x 102	8 mm tube	4.5
	P510830	Acid, base & organics	130	< 90	> 99.883% eff. @ 0.3 μ m	362 x 102	12 mm inlet 8 mm outlet	4.4
	P513202	Acid, base & organics	150	< 179	> 99.999% eff. @ 0.3 μ m	384 x 127	3/8" BSPT	10
	P510978	Acid, base & organics	200	178	> 99.999% eff. @ 0.3 μ m	236 x 102	1/2" VCR male inlet 1/2" VCR female outlet	3.2
	P510979	Acid, base & organics	200	350	> 99.999% eff. @ 0.3 μ m	620 x 102	1/2" VCR male inlet 1/2" VCR female outlet	8.0
	P514278	Acid, base & organics	200	< 300	> 99.999% eff. @ 0.3 μ m	711 x 102	1/2" VCR male inlet 1/2" VCR female outlet	7.5
	P511554	Acid, base & organics	10	< 62	> 99.999% eff. @ 0.3 μ m	169 x 64	1/4" tube	1.3
	P510885	Acid, base & organics	40 - 120	145 - 430	> 99.999% eff. @ 0.3 μ m	166 x 64	1/4" VCR male	1.3
	P510988	Organics	40 - 120	121 - 467	> 99.999% eff. @ 0.3 μ m	166 x 61	1/4" VCR male	1.1
	P512098	Organics	180	< 500	> 99.999% eff. @ 0.3 μ m	166 x 64	1/2" VCR female	1.3
	P513374	Acid, base & organics	500	< 120	N/A	454 x 127	3/4" VCR female	9.0
Compressed Air	P514527	Acid, base & organics, H ₂ O	5	< 138	> 99.999% eff. @ 0.3 μ m	439 x 102	1/2" VCR male	10
	P513752	Acid, base & organics	130	< 55	> 99.883% eff. @ 0.3 μ m	383 x 102	1" BSPP	8.0
	P510673	Acid, base & organics	130	65	> 99.883% eff. @ 0.3 μ m	319 x 102	1" BSPP inlet 1/2" BSPP outlet	4.3
	P510172	Acid, base & organics	130	71	> 99.883% eff. @ 0.3 μ m	391 x 102	1" BSPP	6.6
	P512045	Acid, base & organics	170	< 35	> 99.999% eff. @ 0.3 μ m	384 x 127	1" BSPP	8.0
	P512925	Acid, base & organics	170	35*	> 99.999% eff. @ 0.3 μ m	520 x 127	3/4" VCR female	9.0
	P513400	Acid, base & organics	360	< 500	> 99.999% eff. @ 0.3 μ m	130 x 64	1/2" BSPP	7.0

Contact Donaldson today for more information!



Donaldson.

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