

APPLICATION CHART FOR Supra^{loft} PANEL FILTERS

PRODUCT	PARTICLE TYPE							
	<i>Fine Atmospheric Dust</i>	<i>Medium Atmospheric Dust</i>	<i>Pollens/Lint</i>	<i>Wind Blown Dust</i>	<i>Spraybooth Intake Filtration</i>	<i>Spraybooth Diffusion</i>	<i>Gas/Odor/VOC</i>	
HVAC AND SPRAY BOOTH INTAKE PANELS	SL-1A	R	R	HR	HR	R	SR	—
	SL-2A	R	HR	HR	HR	HR	SR	—
	SL-3A	HR	HR	HR	HR	HR	SR	—
	SL-3	HR	HR	HR	HR	HR	R	—
	SL-4	HR	HR	HR	HR	HR	R	—
	SL-5 SURE-STOP AM™	HR	HR	HR	HR	HR	R	—
SPECIALTY INTAKE PANELS	SL-R1	HR	R	R	HR	HR	HR	—
	SL-R1S	HR	R	R	HR	HR	HR	—
	SL-560D	HR	R	R	HR	HR	HR	—
VOC/ODOR PANELS	POLY-SORB®	HR	HR	R	R	SR	SR	HR

HR = Highly Recommended
 R = Recommended
 SR = Seldom Recommended

Supraloft® PANEL PERFORMANCE GUIDELINES

HVAC AND SPRAY BOOTH INTAKE PANELS †	NOMINAL LOFT / DESCRIPTION	FILTRATION ZONES	COLOR	INITIAL D.P. @ 300 FPM (1200 CFM)*	INITIAL D.P. @ 500 FPM (2000 CFM)*	ANTI-MICROBIAL	TOTAL** DUST HOLDING CAPACITY	MERV RATING @ 492 FPM
SL-1A	1" Dry	2	Lt. Green/Lt. Green	0.190	0.400	No	100-150	6
SL-2A	1-1/4" Tackified	3	Blue/White	0.180	0.375	Yes	125-175	7
SL-3A	1-1/2" Tackified	4	Lt. Green/White	0.175	0.360	Yes	125-175	8
SL-3	2" Tackified	5	Lt. Green/White	0.220	0.450	Yes	175-225	8
SL-4	2" Internally Tackified	6	Lt. Green/Blue/White	0.248	0.523	Yes	200-250	8
SL-5 SURE-STOP AM™	2" Tackified	5	Orange/White	0.288	0.590	Yes	175-225	10

SPECIALTY INTAKE PANELS ††	NOMINAL LOFT / DESCRIPTION	COLOR	INITIAL D.P. @ 300 FPM (1200 CFM)*	INITIAL D.P. @ 500 FPM (2000 CFM)*	EN779 EFFICIENCY RATING
SL-R1 (no scrim)	1 5/8" Tackified	White/White	0.910	1.745	F5
SL-R1S (scrim)	1 5/8" Tackified	White/White	1.025	2.025	F5
SL-560D	2" Tackified	White/White	1.360	2.650	F5

VOC/ODOR PANELS †††	NOMINAL LOFT / DESCRIPTION	COLOR	INITIAL D.P. @ 300 FPM (1200 CFM)*	INITIAL D.P. @ 500 FPM (2000 CFM)*	ANTI-MICROBIAL	TOTAL** DUST HOLDING CAPACITY	MERV RATING @ 492 FPM
POLY-SORB®	2" Internally Tackified	Black/White	0.310	0.700	No	141.68	8

All panel filters can easily be compressed to fit a 1" frame.

* Typical value.

** Typical range for a 24"x24" panel filter. Grams. 1" final D.P. (SL-5 - 1.5" D.P. flat sheet)

Supraloft® PANEL FILTER SELECTION GUIDE

SL-1A RING PANEL & LINK (1")

Light duty commercial and industrial filters consisting of two dry layers of light green polyester with recycled synthetic fibers and an internal wire ring. Media is relatively self-extinguishing if exposed to flame. Made for HVAC filter applications where low cost and large particulate filtration is important. MERV 6.

SL-2A PANEL & LINK (1-1/4")

Medium duty commercial and industrial filter made with an internal wire grid for support. Has a white synthetic porous faceply to insure depth loading of particles and a blue/white downstream layer that has a non-migrating tackifier and fine fibers to insure efficiency. Includes antimicrobial fibers. The panel construction is self-sealing in the frame. MERV 7.

SL-3A PANEL & LINK (1-1/2")

Medium duty commercial and industrial filter made with an internal wire grid for support. Utilizes a porous, synthetic, white, internally tackified front layer to insure maximum holding capacity of airborne particles followed by a fine fiber, light green synthetic layer with a non-migrating tackifier downstream that insures high efficiency, high holding capacity and low resistance to airflow. The lower resistance to airflow compared to competitive panels provides the opportunity to reduce energy consumption and lower operating costs. Includes antimicrobial fibers. MERV 8.

SL-3 PANEL & LINK (2")

Heavy duty and high velocity commercial and industrial HVAC filter made with an internal wire grid for support. A porous, white, internally tackified, synthetic front layer is used to insure maximum holding capacity of airborne particles with a thick, light green, fine fiber layer with a non-migrating tackifier downstream that insures high efficiency, high holding capacity and low resistance to airflow. The lower resistance to airflow compared to competitive heavy-duty panels provides the opportunity to reduce energy consumption and lower operating costs. MERV 8.

Supraloft® PANEL PERFORMANCE GUIDELINES

- SL-4 PANEL & LINK (2")** Heavy-duty and high velocity commercial and industrial HVAC filter made with an internal wire grid for support. A porous, white, internally tackified, synthetic media is used in the front to insure maximum holding capacity with a blue/white tackified layer next for internal tackification and additional depth-loading. The final downstream layer is green/tackified and includes finer fibers to insure higher capture of airborne contaminants. MERV 8.
- SL-5 SURE-STOP AM™ PANEL & LINK (2")** Heavy-duty and high-velocity industrial and commercial HVAC filter made with an external wire grid for support. A porous, white, tackified, synthetic media is used as the upstream layer to provide maximum holding capacity of particulates. The downstream, orange, synthetic layer has a heavy tackifier and fine fibers on the exit side to insure maximum particulate removal. Utilizes antimicrobial fibers in the media to give added protection where microbial growth is a threat. The SL-5 SURE-STOP AM™ panel has 5 zones of filtration. MERV 10.
- SL-R1 PANEL & LINK (1-5/8") (No Scrim)** Heavy duty industrial filter that is used both for diffusing the airstream for more even flow as well as removing airborne particles. Most often used for air intake into paint spray booths. Highly efficient on all particles 10 microns and larger.
- SL-R1S PANEL & LINK (1-5/8") (With Scrim)** Heavy duty industrial panel filter with a scrim backing that is used both for diffusing the airstream for more even flow as well as removing airborne particles. Highly efficient on all particles 10 microns and larger. Scrimmed back is to further reduce any potential for fiber migration.
- SL-560D PANEL & LINK (2")** Heavy duty industrial panel filter made with diffusion media with a heavy scrim backing. Used where airflow uniformity is highly important as well as removing airborne particles 10 microns and larger. Primarily used for air intake for paint spray booths where the very highest quality in finishing is required.
- SUPRALOFT POLY-SORB® ACTIVATED CARBON PANEL (2")** Heavy duty industrial and commercial filter with an internal wire grid for support. A porous, tackified, white, synthetic media upstream for depth loading of airborne particles and a highly adsorptive carbon laden polyester layer on the downstream side to remove nuisance odors and VOC's/gases from the airstream. Increases comfort in the workplace where nuisance odor/gas contamination is a problem. MERV 8.

† UL CLASSIFIED AS TO FLAMMABILITY ONLY

†† FLAMMABILITY RATING = F1 (DIN 53438)

††† COMPONENTS UL CLASSIFIED AS TO FLAMMABILITY ONLY