

## APPLICATION CHART FOR Supra<sup>loft</sup> CUBE/POCKET FILTERS

		PARTICLE TYPE					
		Wet Paint	Tacky Paint	Dry Paint	Fine Atmospheric Dust	Medium Atmospheric Dust	Pollen/Lint
PRODUCT		OVERSPRAY					
HVAC / PAINT APPLICATIONS	SL-100WBT	SR	SR	R	R	HR	HR
	SL-100ONT SURE-STOP AM™	SR	SR	R	HR	HR	HR
	SL-50WB	R	R	R	HR	HR	HR
	SL-65WB	R	R	R	HR	HR	HR
	SL-45B	HR	HR	HR	HR	HR	HR
PAINT APPLICATIONS	SL-100PSG	HR	HR	HR	SR	SR	R
	SL-100PSB	HR	HR	HR	SR	R	R
	SL-DP2	HR	HR	HR	SR	SR	HR
	SL-DP1	HR	HR	HR	SR	R	R
	SL-DP5	HR	HR	HR	R	R	HR
	SL-45B	HR	HR	HR	HR	HR	HR
	SL-92B	HR	HR	HR	HR	HR	HR

HR = Highly Recommended  
 R = Recommended  
 SR = Seldom Recommended

### HVAC CUBE/POCKET PERFORMANCE GUIDELINES

CUBE FILTER STYLE (HVAC / PAINT APPLICATIONS) †	FILTER ZONES	COLOR (air leaving / air entering)	INITIAL D.P. @ 300 FPM (1200 CFM)*	INITIAL D.P. @ 500 FPM (2000 CFM)*	ANTI-MICROBIAL	FLAT SHEET MERV RATING
SL-100WBT	2	Blue/White	0.050	0.100	Yes	7
SL-100ONT SURE-STOP AM™	2	Orange/White	0.059	0.129	Yes	10
SL-50WB (20" deep x 5 pocket)	3	White/Lt. Green	0.120	0.240	Yes	8 (filter)
SL-65WB (20" deep x 5 pocket)	3	White	0.140	0.250	Yes	10 (filter)
SL-45B (AERO NESHAP (w/SL-100PSG))	3	Orange/White	0.190	0.285	Yes	10

### PAINT OVERSPRAY CUBE/POCKET GUIDELINES

CUBE FILTER STYLE (PAINT APPLICATIONS)	FILTER ZONES	COLOR (air leaving / air entering)	INITIAL D.P. @ 100 FPM*	INITIAL D.P. @ 150 FPM*	MEETS GACT▲	FLAT SHEET WEIGHT ARRESTANCE EFFICIENCY**
SL-100PSG	2	Lt. Green	0.010	0.030	Yes	>99%
SL-100PSB	2	Lt. Green/White	0.015	0.030	Yes	>99%
SL-DP2	1	White	0.020	0.030	Yes	>99%
SL-DP1	2	White/White	0.030	0.050	Yes	>99%
SL-DP5	3	White/White	0.030	0.045	Yes	>99%
SL-45B (AERO NESHAP (w/SL-100PSG pad))	3	Orange/White	0.050	0.085	Yes	>99%
SL-92B (15" deep x six pocket; AERO NESHAP)	2	Pink/White	0.120	0.200	Yes	>99%

\* D.P. typical for a 24" X 24" X 15" deep 2 pocket cube unless otherwise noted.  
 \*\* High solids bake dry coating.

## Supraloft® CUBE/POCKET FILTER SELECTION GUIDE

### HVAC / PAINT APPLICATIONS

#### SL-100WBT SELF-SEALING CUBE

Manufactured from synthetic fibers of two denier sizes and two zones of filtration and is self-sealing in the frame. The front layer acts as impingement with the back layer containing a non-migrating tackifier to prevent unloading of dust particles that have been removed from the airstream. The white is the upstream and the blue is the downstream sides for airflow. Recommended for use in applications where medium to heavy dust loads occur and has an extremely high dust holding capacity. MERV 7 media. Antimicrobial.

#### SL-100ONT SURE-STOP AM™ SELF-SEALING CUBE

Made from synthetic fibers of two denier sizes with a more open and dry face ply and a densified back ply with a heavily tackified coating for 2 zones of filtration. This is a premium HVAC cube filter for heavy loading and high efficiency. Extremely effective as a standalone filter in spray-to-waste powder booths and a wide range of HVAC applications. Includes antimicrobial fibers and meets MERV 10 media.

#### SL-50WB SELF-SEALING CUBE

A heat sealed bag made of synthetic fibers with two distinct layers. Made into a multipocket configuration it results in low pressure drop for the compact design. Has a MERV 8 rating and high holding capacity in a cost effective package that is a premium HVAC semi-rigid pocket filter. Antimicrobial.

#### SL-65WB SELF-SEALING CUBE

A heat sealed bag made of synthetic fibers with two distinct layers. Made into a multi-pocket configuration it results in low pressure drop for the compact design. Has a MERV 10 rating and high holding capacity in a cost effective package that is a premium HVAC semi-rigid pocket filter. Antimicrobial.

#### SL-45B SELF-SEALING CUBE

Meets Aerospace/NESHAP requirements for existing paint booths when using SL-100PSG as the primary filter. It has three zones for filtration including an internally tackified layer to hold dust throughout the media and is self-sealing in the frame. Has extremely high dust holding capability as well as high efficiency. Includes antimicrobial fibers. MERV 10 media.

## PAINT OVERSPRAY APPLICATIONS

<b>SL-100PSG SELF-SEALING CUBE</b>	An all synthetic, dry, pocket filter with two zone construction. The upstream side is lofted to give depth loading, and the downstream side is needled to yield high arrestance efficiency, particularly on paint overspray with high holding capacity and service life. Made with prime grade <u>recycled</u> fibers.
<b>SL-100PSB SELF-SEALING CUBE</b>	A two layer, dry, green and white, synthetic media bag filter. The upstream, or faceply, is made with larger fibers and highly lofted for greater depth loading and long service life. The green downstream side is made of fine fibers and needled for very high arrestance efficiencies on paint overspray. This is a premium paint overspray filter that is effective against a wide variety of coatings. Made with prime grade <u>recycled</u> fibers.
<b>SL-DP2 SELF-SEALING CUBE</b>	Dry, self-sealing, scrimmed back cube with all synthetic fibers. With the scrimmed back it makes a very tough and durable cube for primarily paint overspray applications but could be used in air filtration applications where a scrim is needed. This is available in various constructions and is the product of choice in Blowtherm spray booth applications.
<b>SL-DP1 SELF-SEALING CUBE</b>	The filter is a dry, self-sealing cube with two layers and two zones of filtration. Designed for very high holding capacity and efficiency primarily for paint overspray applications. This is a premium paint overspray collector for a wide range of secondary filtration applications.
<b>SL-DP5 SELF-SEALING CUBE</b>	Self-sealing cube filter with three layers and zones of filtration. With the fine density synthetic cotton fiber ply it is particularly effective on waterborne, UV and baking enamel paint overspray applications, especially where there is liquid paint "migration" through the filter. It uniquely traps and holds these particles better than other media. High performance characteristics in all areas.
<b>SL-45B SELF-SEALING CUBE</b>	Meets Aerospace/NESHAP requirements for existing paint booths when using SL-100PSG as the primary filter. It has three zones for filtration including an internally tackified layer to hold dust throughout the media and is self-sealing in the frame. Has extremely high dust holding capability as well as high efficiency. Excellent performance as a stand alone filter against powder paint. Includes antimicrobial fibers. MERV 10 media.
<b>SL-92B SELF-SEALING CUBE</b>	A two layer pocket design using 80-85% ASHRAE media as the downstream layer and a high efficiency synthetic upstream layer to give high holding capacity and service life. Meets Aerospace NESHAP (New Source) standard alone or can be used with any primary filter upstream.

† UL CLASSIFIED AS TO FLAMMABILITY ONLY (15" deep 2 Pkt.; 20" deep 5 Pkt. (SL-50WB))

▲ These filters meet GACT for Area Sources under 40 CFR PART 63 SUBPART HHHHHH. (≥98% efficient when tested by Ashrae Method 52.1 in accordance with the NESHAP Paint Stripping and Miscellaneous Surface Coating at Area Sources)