

APPLICATION CHART FOR Supraloft[®] STANDARD POLYESTER MEDIA

PRODUCT	PARTICLE TYPE						
	Paint Overspray			Fine Atmospheric Dust	Medium Atmospheric Dust	Pollen/Lint	
	Wet Paint	Tacky Paint	Dry Paint				
HVAC SERVICE MEDIA	SL-48GBF	R	R	R	R	HR	HR
	SL-50WBFNN	R	R	R	R	HR	HR
	SL-50WBT	SR	R	HR	HR	HR	HR
	SL-100WBT	SR	R	HR	HR	HR	HR
	SL-150WBT	SR	R	HR	HR	HR	HR
HVAC/ POWDER PAINT MEDIA	SL-50GT	SR	SR	R	HR	HR	HR
	SL-100GTN	SR	SR	R	HR	HR	HR
	SL-100ONT SURE-STOP AM™	SR	SR	R	HR	HR	HR
	SL-125ONT SURE-STOP AM™	SR	SR	R	HR	HR	HR
PAINT MEDIA	SL-75WC	HR	HR	R	R	HR	HR
	SL-100WC	HR	HR	HR	R	HR	HR
	SL-100PSG	HR	HR	HR	R	SR	SR
	SL-100PS	HR	HR	HR	R	SR	SR
	SL-150HDPS	HR	HR	HR	R	SR	SR
SPECIALTY INTAKE MEDIA	SL-R1	SR	SR	SR	HR	HR	SR
	SL-R1S	SR	SR	SR	HR	HR	SR
	SL-560D	SR	SR	SR	HR	HR	SR
VOC/ODOR MEDIA	POLY-SORB[®]	SR	SR	SR	HR	HR	HR

HR = Highly Recommended
 R = Recommended
 SR = Seldom Recommended

Supraloft® POLYESTER MEDIA PERFORMANCE GUIDELINES

HVAC SERVICE MEDIA

1/2", 1" & 2" MEDIA STYLES †	NOMINAL LOFT / DESCRIPTION	FILTER ZONES	COLOR	INITIAL D.P. @ 300 fpm (1200 CFM)*	INITIAL D.P. @ 500 fpm (2000 CFM)*	ANTI-MICROBIAL	DUST HOLDING CAPACITY* (@ 1" WG)	MERV RATING @ 492 fpm
SL-48GBF	1/2" Dry	1	Lt. Green	0.095	0.210	No	100-150	6
SL-50WBFNN	1/2" Dry	1	White	0.065	0.145	No	100-150	6
SL-50WBT	1/2" Tacky	2	Blue/White	0.095	0.200	Yes	150-200	6
SL-100WBT	1" Tacky	2	Blue/White	0.145	0.305	Yes	150-200	7
SL-150WBT	2" Tacky	2	Blue/White	0.150	0.330	Yes	150-200	7

** Typical value for a 24"x24" pad. Grams. 1" final D.P.

HVAC/POWDER PAINT MEDIA

1/2" & 1" MEDIA STYLES †	NOMINAL LOFT / DESCRIPTION	FILTER ZONES	COLOR	INITIAL D.P. @ 300 fpm (1200 CFM)*	INITIAL D.P. @ 500 fpm (2000 CFM)*	ANTI-MICROBIAL	DUST HOLDING CAPACITY* (@ 1" WG)	MERV RATING @ 492 fpm
SL-50GT	5/8" Tacky	2	Lt. Green	0.105	0.230	Yes	150-200	6
SL-100GTN	1" Tacky	3	Lt. Green	0.155	0.335	Yes	175-225	8
SL-100ONT SURE-STOP AM™	1" Tacky	3	Orange/White	0.195	0.428	Yes	175-225	10
SL-125ONT SURE-STOP AM™	1-1/2" Tacky	3	Orange/White	0.203	0.430	Yes	175-225	8

** Typical value for a 24"x24" pad. Grams. 1" final D.P.

PAINT OVERSPRAY MEDIA

1/2", 1" & 2" MEDIA STYLES †	NOMINAL LOFT / DESCRIPTION	FILTRATION ZONES	COLOR	INITIAL D.P. @ 100 FPM	INITIAL D.P. @ 150 FPM	PAINT HOLDING CAPACITY (@ 0.5" WG)*	WEIGHT ARRESTANCE EFFICIENCY*	MEETS GACT ρ
SL-75WC	3/4" Dry	1	White	0.020	0.035	0.96	>98%	Yes
SL-100WC	1" Dry	1	White	0.025	0.045	1.03	>98%	Yes
SL-100PSG	1" Dry	2	Lt. Green	0.025	0.050	1.30	>99%	Yes
SL-100PS	1-1/4" Dry	2	Lt. Green/White	0.040	0.070	1.77	>99%	Yes
SL-150HDPS	1-1/2" Dry	2	Lt. Green/White	0.040	0.070	1.96	>99%	Yes

*Bake dry coating. P.H.C. per ft² of media.

SPECIALTY INTAKE MEDIA

MEDIA STYLES ††	NOMINAL LOFT / DESCRIPTION	COLOR	INITIAL D.P. @ 100 FPM	INITIAL D.P. @ 150 FPM	EN 779 EFFICIENCY RATING
SL-R1	1/2" Tacky	White	0.220	0.350	F-5
SL-R1S	1/2" Tacky	White	0.150	0.250	F-5
SL-560D	1" Tacky	White	0.240	0.440	F-5

VOC/ODOR MEDIA

MEDIA STYLES	NOMINAL LOFT / DESCRIPTION*	COLOR	INITIAL D.P. @ 300 fpm (1200 CFM)*	INITIAL D.P. @ 500 fpm (2000 CFM)*	ANTI-MICROBIAL	DUST HOLDING CAPACITY* (@ 1" WG)	MERV RATING @ 492 fpm
POLY-SORB®	5/8"	Black	0.200	0.450	No	100-150	7

* Style I10200. Additional thicknesses/carbon add-ons available.

Supraloft® POLYESTER MEDIA SELECTION GUIDE

HVAC SERVICE MEDIA

- SL-48GBF** 1/2" thick, green, dry polyester air filter media. Made using all prime fibers with a portion being recycled plastic bottles. Media is relatively self-extinguishing when exposed to flame. Used where frequent change-outs or a low pressure drop media is needed.
- SL-50WBFNN** 1/2" thick, white, dry polyester air filter media. Made using all prime fibers. Media is relatively self-extinguishing when exposed to flame. Used where frequent change-outs or a low pressure drop media is needed.
- SL-50WBT** 1/2" thick, blue and white tackified polyester air filter media. Made for light-duty HVAC filtration applications where low cost and low pressure drop are most important. Two zones of filtration. Includes antimicrobial fibers.

SL-100WBT 1" thick, blue and white, tackified polyester air filter media. Ideal for medium to heavy-duty HVAC filtration applications where performance, low pressure drop and low cost are equally important. Two zones of filtration and MERV 7 rated. Includes antimicrobial fibers.

SL-150WBT 2" thick, blue and white, tackified polyester air filter media. Made for medium to heavy-duty HVAC filtration applications where performance and the removal of a wide range of particles is the priority. Two zones of filtration and MERV 8 rated. Includes antimicrobial fibers.

DUAL PURPOSE HVAC AND POWDER PAINT MEDIA

SL-50GT 1/2" thick, green, heavily tackified air filter media. Used primarily in HVAC air filtration applications where low pressure drop and performance is important. Made using all prime fibers with a portion being recycled plastic bottles. Has two zones of filtration with a MERV 6 rating. Includes antimicrobial fibers.

SL-100GTN 1" thick, green and heavily tackified air filter media. Used primarily in HVAC air filtration applications where performance is the key factor in media application. Made using all prime fibers with a portion being recycled plastic bottles. Has two zones of filtration with a MERV 7 rating. Includes antimicrobial fibers.

SL-100ONT
SURB-STOP AM™ 1" thick, orange/white, needled and heavily tackified air filter media. Used primarily in HVAC air filtration applications for heavy-duty applications where performance is very important. Has two zones of filtration with a MERV 10 rating. Includes antimicrobial fibers.

SL-125ONT
SURB-STOP AM™ 1-1/2" thick, orange/white, needled and heavily tackified air filter media. Used primarily for HVAC air filtration for heavy-duty applications where performance is most important. Has two zones of filtration with a MERV 8 rating. Includes antimicrobial fibers.

PAINT OVERSPRAY MEDIA

SL-75WC 3/4" thick, white, dry polyester media. Used primarily in HVAC air filter applications and could be used for light-duty paint overspray application or prefiltration. Meets GACT.

SL-100WC 1" thick, white, dry polyester media. Used primarily in HVAC air filter applications and could be used for medium-duty paint overspray applications or prefiltration. Meets GACT.

SL-100PSG 1" thick, green, needled, dry media that is designed primarily for paint overspray applications. Made using all prime fibers with a portion being recycled plastic bottles. Has high performance and loading capabilities at a reasonable cost. Has two layers of fiber density allowing depth loading and high efficiency. Over 99% arrestance on some paints. Meets GACT.

SL-100PS 1-1/4" thick, green and white, dry media that is designed and recommended primarily for paint overspray applications. Has very high performance and loading capabilities that make it very cost effective. Made using all prime fibers with a portion being recycled plastic bottles. Has two separate layers with face ply being more coarse and open while the back ply uses fine fibers for efficiency. A terrific all around polyester paint collector. Over 99% arrestance on some paints. Meets GACT.

SL-150HDPS 1-1/2" thick, green and white, dry media that is designed and recommended primarily for paint overspray applications. Has very high performance and loading capabilities that make it very cost effective. Made using all prime fibers with a portion being recycled plastic bottles. Has two separate layers with face ply being more coarse and open while the back ply uses fine fibers for efficiency. A terrific all around polyester paint collector. Over 99% arrestance on some paints. Meets GACT.

SPECIALTY INTAKE MEDIA

SL-R1 1/2" thick, white, tackified diffusion filter media. Provides two zones of filtration and is up to 95% efficiency on 10 micron particle size.

SL-R1S 1/2" thick, white, tackified diffusion filter media with a scrim backing. Has lower initial pressure drop than the SL-R1 but still provides two zones of filtration and is up to 95% efficient on 10 micron particle size.

SL-560D 1" thick, white, heavily tackified diffusion media. Offers two filtration zones and high pressures drop for optimized laminar airflow. Greater than 99% efficient on 10 micron particle size.

VOC/ODOR APPLICATIONS

POLY-SORB® Carbon impregnated, nonwoven polyester is offered in a variety of thicknesses and carbon levels. This combination of activated carbon and base filtering media affords odor and particulate trapping arrestance and minimal airflow resistance.

† UL CLASSIFIED AS TO FLAMMABILITY ONLY

†† FLAMMABILITY RATING = F1 (DIN 53438)

p 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)