

ESD-Safe Bins & Trays

Rugged plastic bins and trays offer long life in work stations, plants and tool rooms

ESD-Safe Shelf Bins

- > Designed to work with 12" and 18" shelving to enhance inventory control and part organization.
- > Bins nest when empty to save space.
- > Built-in hang lock allows bin to tilt out for full accessibility. Hopper front optimizes part accessibility.
- > Large flat area for adhesive identification and bar coding.



Shelf Bins

Model	Outside Dimensions (in)			Inside Dimensions (in)			Weight (lb.)	Carton Quantity	Width Dividers
	L	W	H	L	W	H			
12" Shelf Bins									
SB1204-4	12.0	4.3	4.0	10.5	3.3	3.9	0.3	48	DSB-4
SB1204-6	12.0	5.6	4.0	10.5	4.6	3.9	0.5	36	DSB-6
SB1204-8	12.0	8.5	4.0	10.5	7.5	3.9	0.5	24	DSB-8
18" Shelf Bins									
SB1804-4	17.6	4.3	4.0	16.4	3.3	3.9	0.4	36	DSB-4
SB1804-7	17.6	6.6	4.0	16.4	5.8	3.9	0.6	24	DSB-7

Available Stocked Material: ● XL Conductive



TR2618-1SD
with Tray Inlay TR2618



TR1814-1SD



TR2618-1SD

ESD-Safe Trays

- > Resistant to abrasion and chemicals.
- > Easily cleans in steam or water with a temperature range of -60° to 250°F.
- > Trays are permanently dissipative. Properties are unaffected by washing.

ESD-Safe Assembly Trays

Model	Outside Dimensions (in)			Weight (lb.)	Carton Quantity
	L	W	H		
TR1812-1SD	18.0	12.0	1.0	1.8	10
TR1814-1SD	18.0	14.0	1.0	1.8	10
TR2015-1SD	20.4	15.1	1.0	2.0	10
TR2618-1SD	25.8	17.9	1.1	3.0	10

Available Stocked Material: ● SD SMC

Distributed by: All-Spec Industries
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ESD-Safe Products

Organize work areas to efficiently store components, assemblies and circuit boards.

LEWISBins+ ESD materials conform to ANSI/ESD S20.20* 2007 requirements for ESD packaging. This standard requires conductive materials surface resistance to be $<1.0 \times 10^4$ ohms and dissipative materials to be $>1.0 \times 10^4$ ohms to $<1.0 \times 10^{11}$ ohms when tested per EOS/ESD S11.11. The materials also conform to the static decay requirement of FTM-101B, Method 4046.1 dissipating a 5,000 volt charge to 0 when grounded in less than two seconds. Contact your LEWISBins+ sales representative for more details on other dissipative materials that are available.



ESD-Safe Materials

Property	Test Method Units	Conductive Material	Dissipative Materials	
		XL	LS	SD SMC
Surface Resistivity	ASTM D257 (ohms/square)	$< 1.0 \times 10^5$ $< 1.0 \times 10^{12}$	$\geq 1.0 \times 10^9$ $\leq 5.0 \times 10^9$	$\geq 1.0 \times 10^5$
Surface Resistance	EOS/ESD S11.11 (ohms)	$< 1.0 \times 10^4$	$\geq 1.0 \times 10^8$ $< 1.0 \times 10^{11}$	$\geq 1.0 \times 10^4$ $\leq 5.0 \times 10^8$
Static Decay	FTM-101B Method 4046.1 (seconds)	< 2 seconds	< 2 seconds	< 2 seconds
Temperature Range	°F	40°F to 225°F	40°F to 225°F	-60°F to 250°F

Note: At upper end of temperature range intermittent use is recommended.

ESD-Safe Products are ideal for:

- > Electronics
- > Telecommunications
- > Computers

***Note: The following ESD-safe material types are available for specific products only. All ESD-safe products are NOT available in all of the following material types.**

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For more information, visit us at www.lewisbins.com.

ESD-Safe Products

Protect valuable contents from costly electrostatic discharge (ESD) and static electricity

***Note: The following ESD-safe material types are available for specific products only. All ESD-safe products are NOT available in all of the following material types.**

Conductive Material - XL Material is a thermoplastic polypropylene material based upon carbon black that has a surface resistance of less than 1.0×10^4 ohms or surface resistivity of $< 1.0 \times 10^5$ ohms/square. XL material has a static decay rate from 5,000 volts to 0 of less than two seconds. This material has a useful temperature range of 40°F to 225°F, with intermittent use recommended at the higher end of the temperature range. The electrical properties of this material are permanent and unaffected by washing. ***XL Material is available in the following: parts bins, shelf bins, divider boxes, and dollies.**

Dissipative Material - LS Material is a polypropylene material that is on upper end of the dissipative range. The material has a surface resistance greater than or equal to 1.0×10^8 ohms, but less than 1.0×10^{11} ohms or surface resistivity greater than or equal to 1.0×10^9 ohms/square, but less than 1.0×10^{12} ohms/square. LS material has a static decay rate from 5,000 volts to 0 of less than two seconds. This material has a useful temperature range of 40°F to 225°F, with intermittent use recommended at the higher end of the temperature range. Electrical properties are affected by humidity. This material is available on a made-to-order basis only. ***LS Material is used for Snap-On Cardholders.**

Dissipative Material - SD SMC Material is a thermoset polyester based material that is on the lower end of the dissipative range. The material has a surface resistance greater than or equal to 1.0×10^4 , but less than or equal to 5.0×10^8 ohms/square and a surface resistivity greater than or equal to 1.0×10^5 ohms/square, but less than or equal to 5.0×10^9 ohms/square. This material has a useful temperature range of -60°F to 250°F, is autoclavable and does not melt at high temperatures making it ideal for handling hot parts. The electrical properties of this material are permanent and unaffected by washing. ***SD SMC Material is available in the Assembly Tray line only.**



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