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
Ph: 800-537-0351 sales@all-spec.com
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Part Bins | Divider Boxes | Shelf Bins | Hopper Containers | Wire Shelving | Storage Systems

LEWISBins+ manufactures plastic part bins, divider boxes and heavy duty storage totes,which integrate with metal storage systems and wire products. These products reduce linear workspace, improve assembly operations and reduce product damage, for total cost reduction in a single operation or entire supply chain. **For more information, please visit www.lewisbins.com.**

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 x 10^4 ohms and dissipative materials to be >1.0 x 10^4 ohms to <1.0 x 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 x 10^5 < 1.0 x 10^{12}	>= 1.0 x 10^9 <= 5.0 x 10^9	>= 1.0 x 10^5
Surface Resistance	EOS/ESD S11.11 (ohms)	< 1.0 x 10^4	>= 1.0 x 10^8 < 1.0 x 10^{11}	>= 1.0 x 10^4 <= 5.0 x 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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LEWIS BINS+

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 Asssembly Tray line only.**

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All specifications are approximate and subject to change without notice.

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