

## ESD Tray and Tray Transport Systems



Metro ESD Safe tray and tray transport system is the ideal solution for protective handling of ESD sensitive material and components while ensuring you the productivity your process deserves.

Through the use of multiple redundancies in our design you can have the highest degree of confidence that your product is protected from all static and electrical risks.

The solution facilitates efficiency by optimizing footprint utilization, both in the transport rack and at the workstation, unique labeling for product identification, and visual indicators for work-in-process.

No other solution provider includes as many protective and efficiency measures. Ensure maximum product protection and process efficiency with Metro ESD Safe solutions.



Tray Features	Tray Benefits
Dual Stacking and Nesting	Trays will nest when not in use and then easily stack when turned 180° for optimal utilization of work surface and staging areas.
Dry Erase Labels	Easy and proper identification of tray contents.
WIP Indication	Easily slide operation task indicator to identify work performed on individual trays with a batch.
Multiple Label Points	For use in both end load and side load rack solutions.
Multiple Grip Points	Ensure safe product handling and proper ergonomics.
Statically Dissipative Thermoset Material	Optimum conductivity and solution rigidity.
Statically Dissipative Inlay	Optional inlay for additional grip and safe product handling.



**Nesting Ability**  
For convenient storage when not in use.



**Stacking Ability**  
When turned 180° to adjacent trays. Trays stack to allowing for utilization of inside clearance.



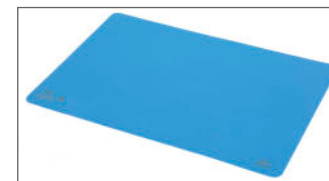
**Dry Erase Labels**



**Dedicated Handle Locations**



**Slide Indicators**



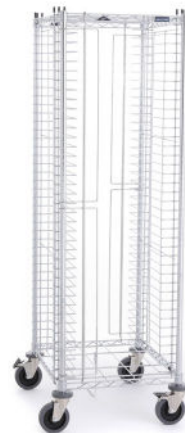
**Textured Anti-Slip Inlay**  
Available in standard and premium

### ESD Tray, Tray Inlays, and Tray Accessories

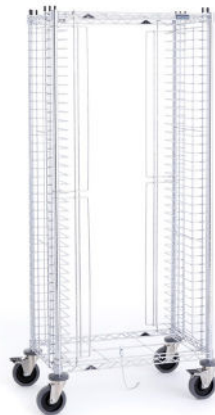
Part No.	Description	Dimension (in.) Length / Width / Height	Dimension (mm) Length / Width / Height	Appx. Pack. Weight (lbs.) (kg)
<b>ESD1826T</b>	Electronics ESD Tray 18 x 26 Inch	25.70 x 17.70 x 1.19	652.7 x 449.5 x 30.2	2.3 1.0
<b>CBTC-INLAY01</b>	Premium Rubber Two Layer Inlay - Dissipative On One side, Conductive On Opposing Side - Increased Oil and Heat Resistance	24.13 x 16.13 x 0.06	612.8 x 409.6 x 1.5	1.5 0.7
<b>CBNTC-INLAY02</b>	Standard Textured Vinyl Inlay Single Layer - Dissipative	24.00 x 16.13 x 0.08	609.6 x 409.6 x 2.0	1.5 0.7
<b>ESD-TRAYLBL</b>	Reusable Dry Erase Label for ESD1826T - Ordered as Packs of 10	3.72 x 0.03 x 0.59	94.5 x 0.8 14.9	0.5 0.2
<b>ESD-SLIDER</b>	Work-In-Process Task Slide Indicator Kit for ESD1826T - Ordered as Packs of 10	0.75 x 0.47 x 1.05	19.1 x 11.8 x 26.7	1.0 0.5

**Note:** Refer to ESD Tray, Tray Inlays, and Tray Accessories on pg.4 for technical & electrical property information.

All Metro Catalog Sheets are available on our website: [metro.com](https://metro.com)



**End Load/Full Height**  
ESD-RE1



**Side Load/Full Height**  
ESD-RS1



**Side Load Half Height**  
ESD-RS1-20

## Tray Transport Features

End Load, Side Load, and Half Height Options

5 Points of Redundancy With The Floor/ Surface for Conducting Charges

Included Tray Stops

Conductive Label Holders

Conductive Split Sleeves Throughout Assembly

## Tray Transport Benefits

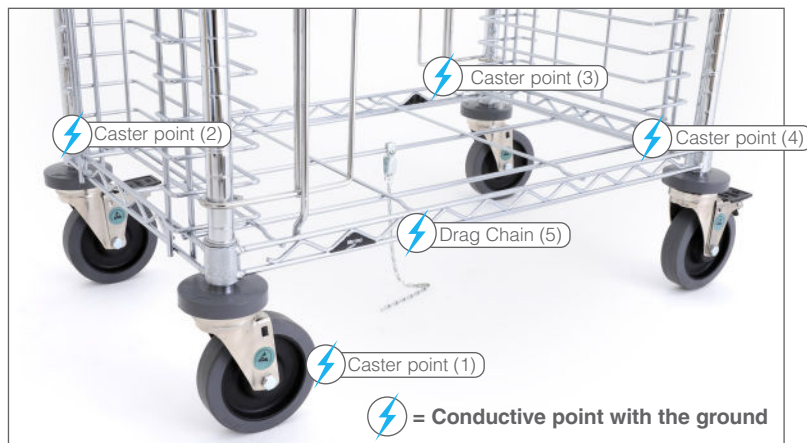
Array of solutions to meet specific process and ergonomic requirements.

Optimal protection for your ESD sensitive products and material.

Securing product for safe transport.

Proper identification of transport carts.

Ensuring multiple pathways to dissipate charge and protect product.



**ESD Safe Caster**  
5MESD (swivel)  
5MBESD (brake)



**Drag Chain**  
ESD-DC12



**Included Tray Stops**



**Conductive ESD Safe Indentation**

## ESD Tray Transport Carts

Part No.	Description	Slide Capacity	Slide Spacing (in.)	Slide Spacing (mm.)	Dimension (in.) Length / Width / Height	Dimension (mm) Length / Width / Height	Appx. Pack. Weight (lbs.)	Appx. Pack. Weight (kg)
<b>ESD-RE1</b>	ESD End Load Wire Rack Full Height	38	1.516	38.5	28.5 x 23 x 69.5	723.9 x 584.2 x 1765.3	73.1	33.1
<b>ESD-RS1</b>	ESD Side Load Wire Rack Full Height	38	1.516	38.5	31.125 x 20.75 x 69.5	790.6 x 527.1 x 1765.3	68.8	31.2
<b>ESD-RS1-20</b>	ESD Side Load Wire Rack Half Height	20	1.516	38.5	31.125 x 20.75 x 47.375	790.6 x 527.1 x 1203.3	59.3	26.9

Refer to ESD Tray Transport Carts on pg.4 for technical & electrical property information.



**ESD-RS1-TRAY4**



**ESD-RE1-TRAY4**



**ESD-RS1-20-TRAY4**

## Tray and Tray Transport Preconfigured

Part No.	Preconfigured Type	Description	Slide Capacity	Slide Spacing (in.)	Slide Spacing (mm.)	Dimension (in.) Length / Width / Height	Dimension (mm) Length / Width / Height	Appx. Pack. Weight (lbs.)	Appx. Pack. Weight (kg)
<b>ESD-RE1-TRAY1</b>	Racks + Trays	ESD RE1 with (40) ESD1826T Trays	38	1.516	38.5	28.5 x 23 x 69.5	723.9 x 584.2 x 1765.3	165.1	74.9
<b>ESD-RS1-TRAY1</b>		ESD RS1 with (40) ESD1826T Trays	38	1.516	38.5	31.125 x 20.75 x 69.5	790.6 x 527.1 x 1765.3	160.8	72.9
<b>ESD-RS1-20-TRAY1</b>		ESD RS1-20 with (20) ESD1826T Trays	20	1.516	38.5	31.125 x 20.75 x 47.375	790.6 x 527.1 x 1203.3	105.3	47.7
<b>ESD-RE1-TRAY2</b>	Racks + Trays + Inlays	ESD RE1 with (40) Trays and (40) Standard Textured Inlays (CBNTC-INLAY01)	38	1.516	38.5	28.5 x 23 x 69.5	723.9 x 584.2 x 1765.3	225.1	102.1
<b>ESD-RS1-TRAY2</b>		ESD RS1 with (40) Trays and (40) Standard Textured Inlays (CBNTC-INLAY01)	38	1.516	38.5	31.125 x 20.75 x 69.5	790.6 x 527.1 x 1765.3	220.8	100.2
<b>ESD-RS1-20-TRAY2</b>		ESD RS1-20 with (20) Trays and (20) Standard Textured Inlays (CBNTC-INLAY01)	20	1.516	38.5	31.125 x 20.75 x 47.375	790.6 x 527.1 x 1203.3	135.3	61.4
<b>ESD-RE1-TRAY3</b>	Racks + Trays + Tray Accessories	ESD RE1 with (40) Trays and Tray Accessories (ESD-TRAYLBL and ESD-SLIDER)	38	1.516	38.5	28.5 x 23 x 69.5	723.9 x 584.2 x 1765.3	171.1	77.6
<b>ESD-RS1-TRAY3</b>		ESD RS1 with (40) Trays and Tray Accessories (ESD-TRAYLBL and ESD-SLIDER)	38	1.516	38.5	31.125 x 20.75 x 69.5	790.6 x 527.1 x 1765.3	166.8	75.7
<b>ESD-RS1-20-TRAY3</b>		ESD RS1-20 with (20) Trays and Tray Accessories (ESD-TRAYLBL and ESD-SLIDER)	20	1.516	38.5	31.125 x 20.75 x 47.375	790.6 x 527.1 x 1203.3	108.3	50.5
<b>ESD-RE1-TRAY4</b>	Racks + Trays + Inlays + Tray Accessories	ESD RE1 with (40) Trays, Standard Textured Inlays, and Tray Accessories	38	1.516	38.5	28.5 x 23 x 69.5	723.9 x 584.2 x 1765.3	231.1	104.8
<b>ESD-RS1-TRAY4</b>		ESD RS1 with (40) Trays, Standard Textured Inlays, and Tray Accessories	38	1.516	38.5	31.125 x 20.75 x 69.5	790.6 x 527.1 x 1765.3	223.8	101.5
<b>ESD-RS1-20-TRAY4</b>		ESD RS1-20 with (20) Trays, Standard Textured Inlays, and Tray Accessories	20	1.516	38.5	31.125 x 20.75 x 47.375	790.6 x 527.1 x 1203.3	141.3	64.1
<b>ESD1826T-ACC10</b>	Tray + Tray Accessories	(10) ESD1826T Trays with Tray Accessories (ESD-TRAYLBL and ESD-SLIDER)				25.697 x 17.697 x 7.21	652.7 x 449.5 x 183.2	24.5	11.1
<b>ESD1826T-ACC2</b>		(2) ESD1826T Trays with Tray Accessories (ESD-TRAYLBL and ESD-SLIDER)		X		25.697 x 17.697 x 1.891	652.7 x 449.5 x 48.0	6.1	2.8

**Note:** Refer to ESD Tray and Tray Transport Preconfigured on pg.4 for technical & electrical property information.

# ESD Tray & Tray Transport Systems

## ESD Tray Tech & Electrical Property Information

Part No.	TEST METHOD: ANSI/ESD STM 4.1-2017		TEST METHOD: ANSI/ESD STM 11.1		Product Qualification
	RTT Point to Point Ω	RTG Point to Ground Ω	Surface Resistivity Ω / sq		
ESD1826T	5.12 x 10 <sup>4</sup>		6.15 x 10 <sup>4</sup>		ANSI/ESD S20.20-2021
CBTC-INLAY01	Min 4.6 x 10 <sup>6</sup>	Max 9.0 x 10 <sup>6</sup>	Min 2.3 x 10 <sup>6</sup>	Max 4.7 x 10 <sup>6</sup>	X  ANSI/ESD S20.20-2021
CBNTC-INLAY02	Min 1.2 x 10 <sup>7</sup>	Max 9.0 x 10 <sup>7</sup>	Min 1.4 x 10 <sup>7</sup>	Max 2.0 x 10 <sup>7</sup>	X  ANSI/ESD S20.20-2021
ESD-TRAYLBL					
ESD-SLIDER	X		X		X

## ESD Tray Transport Carts Tech & Electrical Property Information

Part No.	RTT Point to Point $\Omega$	RTG Point to Ground $\Omega$	Test Method	Product Qualification
<b>ESD-RE1-TRAY1</b>				
<b>ESD-RS1-TRAY1</b>	$2.93 \times 10^2$	$5.42 \times 10^2$	ANSI/ESD STM 4.1-2017	ANSI/ESD S20.20-2021
<b>ESD-RS1-20-TRAY1</b>				

## ESD Tray and Tray Transport Preconfigured Tech & Electrical Property Information

Part No.	RTT Point to Point $\Omega$	RTG Point to Ground $\Omega$	Test Method	Product Qualification
<b>ESD-RE1-TRAY1</b>				
<b>ESD-RS1-TRAY1</b>	$5.05 \times 10^4$	$6.10 \times 10^4$		
<b>ESD-RS1-20-TRAY1</b>				
<b>ESD-RE1-TRAY2</b>				
<b>ESD-RS1-TRAY2</b>	X	X		
<b>ESD-RS1-20-TRAY2</b>				
<b>ESD-RE1-TRAY3</b>				
<b>ESD-RS1-TRAY3</b>	$5.05 \times 10^4$	$6.10 \times 10^4$	ANSI/ESD STM 4.1-2017	ANSI/ESD S20.20-2021
<b>ESD-RS1-20-TRAY3</b>				
<b>ESD-RE1-TRAY4</b>				
<b>ESD-RS1-TRAY4</b>	X	X		
<b>ESD-RS1-20-TRAY4</b>				
<b>ESD1826T-ACC10</b>	$5.12 \times 10^4$	$6.15 \times 10^5$		
<b>ESD1826T-ACC2</b>	$5.12 \times 10^6$	$6.15 \times 10^5$		