

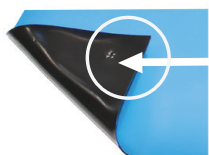


WSK5324C Specifications

Anti Static Mat • Wrist Strap • Common Point Ground • Conductive Mat

Static Dissipative
Top Layer

Black
Conductive
Bottom Layer



5300 Series Mats are grounded by installing 4730 Series ESD Mat Snaps so that a common point ground cord can be installed.



5300 Series Anti Static Mat Specifications

Physical Properties	Units	Typical Values	Test Method
Thickness	Inches	.080	ASTM D-2103
Tensile Strength • Top Layer	kg / sq. cm	> 120	ASTM D-412
Tensile Strength • Bottom Layer	kg / sq. cm	> 160	ASTM D-412
Tear Strength • Top Layer	kg / cm	> 90	ASTM D-412
Tear Strength • Bottom Layer	kg / cm	> 100	ASTM D-412
Elongation • Top Layer	%	350	ASTM D-412
Elongation • Bottom Layer	%	250	ASTM D-412
Hardness • Top Layer	-	50	ASTM D-2240
Hardness • Bottom Layer	-	60	ASTM D-2240
Gravity • Top Layer	-	1.3	ASTM D-792
Gravity • Bottom Layer	-	1.4	ASTM D-792
Electrical Properties	Units	Typical Values	Test Method
Surface Resistivity • Top Layer	ohms / sq.	< 10 ⁹	ASTM D-257
Surface Resistivity • Bottom Layer	ohms / sq.	< 10 ⁵	ASTM D-491
Volume Resistivity • Top Layer	ohms / sq.	< 10 ⁸	ASTM D-257
Volume Resistivity • Bottom Layer	ohms / sq.	< 10 ⁴	ASTM D-257
Static Decay	seconds	< 0.01	EIA-541
Temperature Tolerance	Fahrenheit	500° for 10 minutes	

- This product meets the ANSI/ESD S20.20 STM S4.1 Standard using FTMS 101C Method 4046

MAIL: 1318 Kenton Street Springfield, OH 45505 E-MAIL: sales@4bennett.com WEBSITE: 4bennett.com

TOLL FREE: (888) 423-6638 OFFICE: (937) 324-1100 FAX: (937) 324-8753



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240-006 Series Wrist Strap and Common Point Ground Specifications

Wrist Strap		Measurement	
Fabric		Polyester with Silver-Plated Nylon	
Color		Blue	
Resistance		100 Ohms	
Contact		360° Degrees Around Wrist	
Back Plate		Stainless Steel, 4mm	
Snap		4mm	
Snap Release		1-5 lbs	
Grounding Cord for Wrist Strap		Measurement	
Color		Black	
Cord Length		6 feet	
Resistor		1 Meg Ohm	
Snap		4mm	
Banana Plug		360° Degrees Swivel	
Common Point Ground		Measurement	
Color		Black	
Cord Length		15 feet	
Resistor		1 Meg Ohm	
Ground Terminal		#10 Ring	
Snap		10mm	
Wire Insulation		Polyurethane (PU) / Polyvinyl chloride (PVC)	

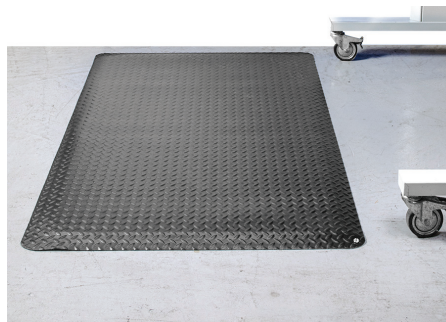
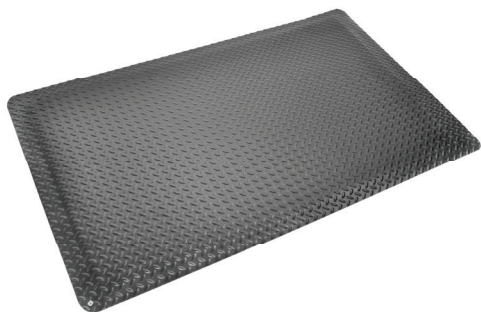
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5700 Series Conductive Mat Specifications

Physical Properties		Typical Values	
Thickness		9/16 Inch	
Compound		Vinyl Surface with Nitricell Sponge Base	
Uses		Areas at risk from Static Electricity	
Flammability		"A" Rating per MVSS 302	
Color		Black	
Compression		.415 Inches at 35 PSI (ASTM D575)	
Tabor Abrasion		1% Loss at 1000 cycles (Fed Std 191)	
Electrical Properties		Typical Values	
Resistance Top to Top		1×10^8 to $10 \times 8 \times 10^6$	
Resistance to Ground		1×10^8 to $10 \times 8 \times 10^6$	
Coefficient of Friction		.68 Dry (ASTM F1677)	