

All-Spec ESD-Safe Adjustable Height Workbench

The All-Spec ESD-safe workbench with LisStat® laminate benchtop is designed for work in the manufacture and assembly of static-sensitive electronic components. The dissipative laminate offers low electrical resistance, and the dissipative edge banding works as both, a conductor and eliminates the possibility of static charges around the edges. The underside is laminated with an aluminum sheet for maximum conductivity. There is no decrease in electrical properties or protection in the event of scratches, wear, or damage to the paint and laminate.

All-Spec ESD-safe benches come with a 1-1/4" thick benchtop with a rounded front edge for operator comfort. They come with a blue frame and white laminate top, 2" x 2" steel legs, and height is adjustable from 30" to 36" in 2" increments. We carry two types of ESD-safe benches, a regular duty bench with 1,000 lb. capacity, and a heavy-duty bench with 5,000 lb. capacity. Benches are customizable with a variety of accessories, such as drawers, shelves, footrests, and others.

PRODUCT SPECIFICATIONS

Physical Properties	Test Method	Values
Appearance	NEMA LD-3, 3.2	No ABC defect
Light Resistance	NEMA LD-3, 3.3	Slight effect
Cleanability		<16
Stain 1 - 10	NEMA LD-3, 3.4	No effect
Stain 11-15		Slight effect
Boiling Water Resistance	NEMA LD-3, 3.5	Slight effect
High Temperature Resistance	NEMA LD-3, 3.6	Slight effect
Ball Impact Resistance	NEMA LD-3, 3.8	>520
Dimensional Change		
Machine Direction	NEMA LD-3, 3.11	0.86%
Cross Direction		0.95%
Wear Resistance	NEMA LD-3, 3.13	>450 cycles
Formability	NEMA LD-3, 3.14	3/8" (9mm)
Blister Resistance	NEMA LD-3, 3.15	>40 sec.



Electrical Properties

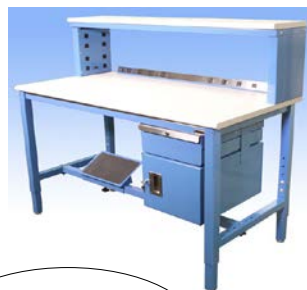
Test Method IEC61340/ESD S-4.1, at 42% RH

Property	Test Results
RTT (Point to Point)	1.2 x 10 ⁷ ohms
RTG (Point to Ground)	5 x 10 ⁷ ohms
Surface Resistance	2 x 10 ⁸ ohms

PRODUCTS

BENCHES WITHOUT ACCESSORIES

Size	Regular Duty	Heavy Duty
	1,000 lb. limit	5,000 lb. limit
24 x 48"	180-115	181-115
24 x 60"	180-116	181-116
24 x 72"	180-117	181-117
24 x 96"	180-118	181-118
24 x 120"	180-119	181-119
30 x 48"	180-120	181-120
30 x 60"	180-121	181-121
30 x 72"	180-122	181-122
30 x 96"	180-123	181-123
30 x 120"	180-124	181-124
36 x 48"	180-125	181-125
36 x 60"	180-126	181-126
36 x 72"	180-127	181-127
36 x 96"	180-128	181-128
36 x 120"	180-129	181-129



Bench shown is P/N 181-152, heavy-duty bench with accessories



Bench shown is P/N 180-150, regular duty bench with accessories

BENCHES WITH ACCESSORIES

Description	Size	Regular Duty	Heavy Duty
		1,000 lb. limit	5,000 lb. limit
ESD-Safe Workbench with Uprights, Bin Rail, and Other Accessories	30 x 60"	180-150	181-150
ESD-Safe Workbench with Uprights, and Other Accessories	30 x 60"	180-151	181-151
ESD-Safe Workbench with Instrument Shelf, and Other Accessories	30 x 60"	180-152	181-152

The values shown above were taken from random samples from material we believe to be typical for the product; however, actual values may vary somewhat from those listed above. All-Spec Industries makes no warranty, expressed or implied, as to the suitability of these materials for any specific use. Customers should determine product suitability based upon their own initial criteria and testing.