

PRODUCT SPECIFICATION

Cleanroom ESD Booties

Product Description



ESD Safe booties are made of 5.0mm grid conductive polyester fabric for the booties body, with 2.5mm conductive fabric for the grounding ribbon and ESD Dark Grey sole. Designed for use in a cleanroom environment and its washable. The booties are available in a wide range of sizes to meet customers' requirement. ESD-Safe Booties is manufactured in stringent clean environment.

Features

- Made of polyester with conductive filament yarn
- Comfortable
- Available in sizes XS through XXXXL

Application

- ESD-sensitive production areas in most industries
- ESD-Safe sensitive lab areas

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Item	XS	S	M	L	XL	XXL	XXXL	XXXXL
Sole Length (A) +/-5mm	240	255	270	300	315	335	356	383
Sole Width (B) +/-5mm (oval)	118	120	122	125	133	144	145	146
Front to Velcro Strap (C) +/- 5mm	117	120	130	146	157	166	170	182
Velcro Strap Length (D) +/- 5mm	133	138	138	160	160	160	166	166
Rubber Band Total Length (E) +/-5mm	215	220	235	235	265	280	290	315
Fabric Height – Heel (F) +/-5mm	115	120	130	142	155	155	155	155
Width edge sole to first sewing fabric (G) +/- 3mm	8	8	8	8	8	8	8	8
Rubber Band length at Rest (M) +/- 5mm	120	120	120	120	155	155	155	167
Fabric length from sewing fabric to rubber band edge (L) +/-5mm	170	170	185	185	195	215	220	230
Rubber band width +/-2mm	12	12	12	12	12	12	12	12
Length of 2.5mm Fabric Strap +/-5mm	415	415	415	415	465	465	465	465

Note:

- Thread use to sew fabric to sole (thread #030)
- Min 2x sewing on booties sole
- Velcro hooks on the left while loops on the right as shown in the picture.



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Quality Assurance

Washable ESD Booties is guaranteed to meet 2.5 AQL Level II sampling plan per ASTM/ASQC Z1.4 for the following defects:

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|-----------------------|---|
| 1. Irregular material | 4. Physical dimensions non-compliance |
| 2. Dirty material | 5. Holes/tears in material caused by sewing machine |
| 3. Incomplete sewing | 6. Excess fibers/filament yarn |
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ESD Properties

Washable ESD Booties and the respective components is guaranteed to meet ESD properties as specified within the range as below:

1. Booties Surface Resistivity: $10e6$ to $10e8$
 2. Dark Grey sole measurement from sole to sole: $10e6$ to $10e8$
 3. Tribo-electric Voltage: $<200V$
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