



FOOT GRINDER SELECTION CHART

Desco Foot Grinders meet the required limit of ANSI/ESD S20.20 tested per ESD SP9.2 and ESD TR53.

Foot Grinder	Item No.	Grinder Type	Resistor Type	Closure Type/Style	Rubber Description	Special Feature	Recommended for HBM Class 0A	Lot Code	UL Listed
Premium Hook and Loop Heel Grinder	17200 17202 17222	Heel, Toe	1 megohm, 2 megohm	Hook and Loop	3-Layer, tear resistant, rust/black	Top selling	No	Yes	Yes, #90P1
Premium Full Coverage Foot Grinder	17290 17291 17292	Foot	2 megohm	D-Ring Hook and Loop	3-Layer, tear resistant, white/black	Greatest contact area	Yes	Yes	Yes, #90P1
Full Coverage Foot Grinder	17270 17271 17272 17273	Foot	1 megohm	Elastic Retention	3-Layer, tear resistant, yellow/yellow	Heel and sole contact area	Yes	Yes	Yes, #90P1
Lead-Free Heel Grinder	17260	Heel	2 megohm	Hook and Loop	2-Layer Green/Black	Use in lead-free (substance) controlled areas	No	Yes	Yes, #90P1
Premium Sole Grinder	07501 07502 07503	Sole	2 megohm	Hook and Loop	3-Layer, tear resistant, white/black	Contact at ball of foot	Yes	Yes	Yes, #90P1
Premium 3-Layer Non-Marring Heel Grinder	17250 17252	Heel	no resistor, 1 megohm	Hook and Loop	3-Layer, tear resistant, yellow/yellow	Non-marring, high visibility	No	Yes	Yes, #90P1
D-Ring Heel Grinder	07590 07595	Heel, Toe	1 megohm, 2 megohm	D-Ring	3-Layer, tear resistant, white/black	Flexible size adjustable system	No	Yes	Yes, #90P1
3-Layer Non-Marring Heel Grinder	07515	Heel	2 megohm	Snap-Loc	3-Layer, tear resistant, grey/grey	Non-marring	No	Yes	Yes, #90P1
Disposable Heel Grinder	17155	Heel	No Resistor	Adhesive Seal	Polyester with conductive strip	One time use, ideal for visitors	No	Yes	No
Stretch Fit Heel Grinders	07522 07523	Heel	1 megohm	Snap-Loc	2-Layer, tear resistant, white/black	Fits larger shoes such as running shoes or work boots	No	Yes	Yes, #90P1
stat-A-REST™ Foot Grinders	04590 04591 04592	Foot	No Resistor	Elastic Retention	Thermoplastic Elastomer (TPE)	Replacement for ESD Shoes	Yes	Yes	No

"For standing operations, personnel shall be grounded via a wrist strap system or by a flooring/footwear system." [ANSI/ESDS20.20 section 8.2]

"ESD protective footwear is designed to reduce body charge levels by supplying a conductive path from the body to the floor material. Heel and toe grinders shall be worn on both feet to insure effective use." [ESD Handbook ESD TR20.20 section 5.3.3.3.4 Proper Usage]

Per ESD SP9.2 APPENDIX B - Foot Grinder Usage Guidance "Compliance verification should be performed prior to each use (daily, shift change, etc.). The accumulation of insulative materials may increase the foot grinder system resistance. If foot grinders are worn outside the ESD protected area testing for functionality before reentry to the ESD protected area should be considered." See [Desco Wrist Strap and Footwear Testers](#).

RoHS 2 and REACH Compliance Statement

None of the RoHS 2 restricted materials or REACH substances of very high concern as of 2013/06/20 are intentionally added in manufacturing this product. Ref: European Union Directive 2011/65/EU and Regulation (EC) No. 1907/2006/CE. See Desco [Limited Warranty at Desco.com](#).



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United States of America