












## FULL COVERAGE & SOLE GRINDERS

Product Details	Images	Sole Interior	Sole Exterior	Attachment	Elastic Strap	Resistance to Ground (Rtg)	Conductive Ribbon Length	Cup	Resistor	UL Listed
Non-Marring 17270 - 17273 ( <a href="#">S</a> , <a href="#">M</a> , <a href="#">L</a> , <a href="#">XL</a> )		Non-Marring	Non-Marring, 3-Layer Rubber	Slip-On	Yellow	$1 \times 10^6$ < $1 \times 10^9$ ohms	18"	N/A	1 Megohm	Yes
Premium 17290 - 17292 ( <a href="#">S</a> , <a href="#">M</a> , <a href="#">L</a> )		Non Marring	Dual layer rubber w/ black conductive	3 point hook and loop; 2 D-Rings	Black	< $10^7$ Ohms	18"	Single	2 Megohm	Yes
Sole Grinder w/ Snap-Loc 17239 - 17243 ( <a href="#">XS</a> , <a href="#">S</a> , <a href="#">M</a> , <a href="#">L</a> , <a href="#">XL</a> )		Non-Marring	Black conductive	Snap-Loc Fastening	Blue 3/4" wide	$1 \times 10^6$ < $1 \times 10^9$ ohms	30"	N/A	2 Megohm	Yes
Sole Grinder 07501 - 07503 ( <a href="#">S</a> , <a href="#">M</a> , <a href="#">L</a> )		Non-Marring	Black conductive	Hook and Loop	Blue 3/4" wide	< $10^7$ Ohms	30"	Single	2 Megohm	Yes






## Heel Grinders

Product Details	Images	Sole Interior	Sole Exterior	Attachment	Elastic Strap	Resistance to Ground (Rtg)	Conductive Ribbon Length	Cup	Resistor	UL Listed
Foot Grinders w/ Adjustable Heel <a href="#">07560</a>		Non-Marring	Outer black conductive layer ( $10^5$ Rtt)	Hook and Loop	Black	$1 \times 10^6$ < $1 \times 10^8$ ohms	30"	Dual	1 Megohm	Yes
Foot Grinders w/ Adjustable Heel <a href="#">17260</a>		Non Marring	Dual Layer rubber w/ Black Conductive	Hook and Loop	Green	$1 \times 10^6$ < $1 \times 10^8$ ohms	30"	Dual	2 Megohm	Yes
Heel Grinders <a href="#">17200</a> & <a href="#">17202</a>		Non-Marring	Outer black conductive layer ( $10^5$ Rtt)	Hook and Loop	Blue	$1 \times 10^6$ < $1 \times 10^8$ ohms	30"	Dual (Small)	1 Megohm; 2 Megohm	Yes
Heel Grinder w/ D-Ring Fastener <a href="#">07590</a> & <a href="#">07593</a>		Non-Marring	Outer black conductive layer ( $10^5$ Rtt)	D-Ring	Blue	$1 \times 10^6$ < $1 \times 10^8$ ohms	30"	Dual (Wide)	1 Megohm; 2 Megohm	Yes (Both)
Non-Marring Heel Grinder <a href="#">17250</a> & <a href="#">17252</a>		Non-Marring	Yellow Dissipative ( $< 1 \times 10^8$ )	Hook and Loop	Blue 3/4" wide	$1 \times 10^6$ < $1 \times 10^8$ ohms	30"	Dual (Small)	None; 1 Megohm	Yes
Dual Cup Heel Grinder <a href="#">07515</a>		Non-Marring	Non-Smudge Dissipative	Snap-Loc Fastening	Blue 3/4" wide	$1 \times 10^6$ < $1 \times 10^8$ ohms	30"	Single (Wide)	2 Megohm	Yes
Stretch Fit with Snap-Loc <a href="#">07522</a> & <a href="#">07523</a> (Regular, Large)		Non-Marring	Black Conductive	Snap-Loc Fastening	Red 1" Wide	$1 \times 10^6$ < $1 \times 10^9$ ohms	18"	Single	1 Megohm	Yes




## ADDITIONAL FOOT GROUNDERS

### ECONOMY HEEL GROUNDERS

Product Details	Images	Sole Interior	Sole Exterior	Attachment	Elastic Strap	Resistance to Ground (Rtg)	Conductive Ribbon Length	Cup	Resistor	UL Listed
Hook and Loop <a href="#">24724</a>		Non-Marring	Black Conductive	Hook and Loop	Burgundy	$1 \times 10^6$ $< 1 \times 10^8$ ohms	18"	Dual	1 Megohm	Yes
Economy Heel Grounder <a href="#">07588</a>		Non Marring	Black Conductive	Hook and Loop	Black	$1 \times 10^6$ $< 1 \times 10^8$ ohms	24"	Dual	1 Megohm	Yes
Foot Grounder <a href="#">07599</a>		Non-Marring	Black Conductive	Hook and Loop	Highly Visible Neon Green	$1 \times 10^6$ $< 1 \times 10^7$ ohms	18"	Dual	1 Megohm	Yes

### DISPOSABLE

Product Details	Images	Sole Interior	Sole Exterior	Attachment	Elastic Strap	Resistance to Ground (Rtg)	Conductive Ribbon Length	Cup	Resistor	UL Listed
High Visibility, 100 EA/PK <a href="#">17155</a>		Non-Marring	N/A	N/A	Highly Visible Yellow Polyester	$5 \times 10^4$ $< 8 \times 10^5$ ohms	N/A	N/A	N/A	No

**RoHS, REACH, and Conflict Minerals Statement:**

See [RoHS, REACH, and Conflict Minerals Statement](#) at Desco.com.

**Limited Warranty**

See Desco's [Limited Warranty](#) at Desco.com

When a person wears two foot grounders with a 1 megohm resistor in each foot grounder and both feet are on a grounded floor (in parallel), the resistance-to-round (Rtg) is 1/2 megohm. Wearing two foot grounders with a 2 megohm resistor in each foot grounder on a grounded floor (in parallel) will provide the person >1 megohm resistance between ground at all times.

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A flooring / footwear system is an alternative for grounding standing or mobile workers. Where sitting personnel will be grounded via a wrist strap, this method is not feasible for operators moving around in an ESD Protected Area.

ESD foot grounders are designed to reliably contact grounded ESD flooring and provide a continuous path-to-ground by removing electrostatic charges from personnel. They are easy to install and can be used on standard shoes by placing the grounding tab in the shoe under the foot.

Per ANSI/ESD S20.20 Paragraph 6.2.2.2 Personnel Grounding Guidance, "ESD protective flooring, used with approved footwear, may be used as an alternative to the wrist strap system for standing operations."

ESD Handbook TR 20.20 paragraph 5.2.3 "If the contact area between the bottom of the foot and the floor is not continuous, charge generation may occur especially when a person is walking. Heel straps must be worn on both feet to minimize the amount of time that the body of the person is isolated from ground while walking."

