



FOOT GRINDER SELECTION CHART

All Vermason Foot Grinders are suitable as ESD footwear component in Person/footwear/flooring system meeting EN 61340-5-1 limit of $<3.5 \times 10^7$ ohms tested per Clause A.2 and RoHS compliant.

All Vermason Foot Grinders (except Disposable Heel Grinder) are:

- Manufactured with abrasion resistant 10E5-10E6 ohm rubber
- Tear Resistant Rubber with Inner Scrim
- UL listed, Underwriters Laboratory # 90P1
- Marked with ESD protective symbol, manufacturer's name, and date coded
- Made in America or Made in America or Britain

Foot Grinder	Full Coverage	Heel Grinder with Velcro® Straps	Heel Grinder with Elastic Back and Velcro® Straps	Heel Grinder with Elastic Straps and Clip Fastener	Toe Grinder with Stretchable Velcro®	Disposable
Grinder Type	Foot	Heel	Heel	Heel	Toe	Heel
Resistor Value	1 megohm	No resistor 1 megohm	1 megohm	1 megohm	No resistor 1 megohm	No Resistor
Closure Type / Style	Elastic Retention	Velcro® Straps	Elastic Back and Velcro® Straps	Elastic Straps and Clip Fastener	Velcro® Straps	Adhesive Seal
Rubber Description	Abrasion Resistant 3-Layer Rubber	Abrasion Resistant 2-Layer Rubber	Abrasion Resistant 2-Layer Rubber	Abrasion Resistant 2-Layer Rubber	Abrasion Resistant 2-Layer Rubber	Abrasion Resistant 2-Layer Rubber
Special Feature	Class 0; reduced charge on person	Economical Model	Comfortable and Lightweight	Comfortable and does not require daily readjustment	Shoes with raised heels	One time use, ideal for visitors
Colour	Yellow	Black with Yellow, Blue, Green, or Pink	Black and Purple with Blue or Green	Purple and Black	Blue and Purple	Black and Yellow
Non-marring	Floor and Shoes	Shoes	Shoes	Shoes	Shoes	Shoes
Reversible	Yes	Yes	Yes	Yes	No	No
Size	Small, Medium, Large, XLarge	One Size Fits All	One Size Fits All	One Size Fits All	One Size Fits All	One Size Fits All
Part Numbers	249250 - 249253	248500 - 248570	248650 - 248670	248675 - 248690	248695 - 248715	249200 - 249220

Vermason Foot Grinders - Designed for Europe

Per EN 61340-5-2 paragraph 5.2.8, footwear should be used "where personnel are mobile, in storing areas, operating large machinery, etc., it may be impractical or dangerous to have long cords attached to them." They must be used with an ESD protected floor (such as properly grounded ESD floor finish, carpet tiles, or floor mats) to provide a continuous electrical path from the user directly to the ESD ground. Foot grinders provide a ground path from the moisture layer on the wearer's skin through socks and via the conductive tab and dissipative rubber to the dissipative or conductive floor surface.

Accepted industry standards dictate that foot grinders be worn on both feet to ensure that one foot is always in contact with the floor at all times. It is important that personnel are instructed in the proper use and maintenance of foot grinders, especially the necessity of placing the grounding tab between the foot and shoe.

Look for many of our items which utilise an industrial dual layer rubber with an inner scrim. This produces exceptionally tear resistant foot grinders and provides long life, saving you money.

Vermason foot grinders are made in our Rochester, New Hampshire, USA factory. Manufacturing our products ensures you high quality standards. This also gives us the ability to make custom foot grinders. Just call Customer Service for a quote!

All Vermason foot grinders, when used with an ESD protected floor, fulfill the requirements of EN 61340-5-1.

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See our products being Made in America on our web site:

