

Aetrex 3D Printed Custom Orthotics

Mission

- To create the most custom orthotic on the market today that matches precisely to each individual's foot
- Goal: bring the ground up to the foot, offset pressure, alleviate pain and place the body back into its best possible alignment

Approach

- Unlike other companies that take incomplete data to create a shell or a mold, Aetrex utilizes complete data from a foot scan to create an orthotic that is customized with varying levels of pressure down to every square cm
- Made in the USA and developed in partnership with EOS, the global market leader in industrial 3D printing and additive manufacturing

Process

- Data collected from a foot scan is translated into a complex pressure map based on 256 varying degrees of pressure
- The 2D pressure map is then converted into a 3D CAD drawing
- The CAD files are sent to the 3D printer, utilizing additive manufacturing
- Once printed, the product ships direct to the customer

Benefits

- Customers Offset an individual's pressure, alleviate pain, bring the ground up to the foot, and place the body back to its natural alignment. At \$150 retail, Aetrex 3D Printed Custom Orthotics are cost effective and ship within days of a foot scan.
- Retailers No inventory, high margins, no markdowns. A seasonless product with high consumer satisfaction
- Environment Reduction of waste; during 3D Printing, any extra material gets incorporated back into the printing process

