

# Carbon Fiber Orthotic Insoles

OSO  
TIX





## What is carbon fiber?

Carbon fibers are fibers about 5 to 10 micrometers (0.00020–0.00039 in) in diameter and composed mostly of carbon atoms.

Carbon fibers have several advantages including high stiffness, high tensile strength, low weight to strength ratio, high chemical resistance, high temperature tolerance and low thermal expansion.

These properties have made carbon fiber very popular in aerospace, civil engineering, military, and motorsports, along with other competition sports.

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## Why carbon fiber insoles?



Carbon fiber is 5 to 7 times stronger than steel and twice as stiff.

Though carbon fiber is stronger and stiffer than steel, it is lighter than aluminium and steel,

and weight for weight, carbon fiber offers 2 to 5 times more rigidity than aluminium and steel,

that provides many practical benefits, and making it the ideal manufacturing material for insoles.



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## Features

- Unique structure. Top layered carbon fiber uncovered by fabrics
- Better fit and feeling from the distinct orthotic shape and low-volume, low profile design
- Excellent absorption of impact
- Stabilization and supporting the feet, which can help reduce stress on feet, ankles and knees
- Long-lasting comfort from lightweight, durable, high-density form
- Improved breathability with the perforations under the forefoot
- Odor control and anti bacterial fabrics
- Durability, keeping their shape, delivering reliable support and comfort for more than 12 months
- Top grade carbon fiber prepreg made in Korea
- Manufacturing the whole process in Korea

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Anti-slippery surface,  
Firm side support

3K carbon fiber  
pregreg, Top-layered

Order-control, anti-  
bacterial, and  
breathability

Anti-slippery surface,  
Shock absorption



Shock absorption,  
postural stability

Firm and full line arch  
support

Unique orthotic shape  
for arch supports and  
load distributions

Shock absorption and  
double cushions

High-density EVA for  
structural strength



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## Specifications

- Gender : Unisex
- Materials : Carbon fiber, EVA, PE, etc.
- Gender : Unisex
- Size chart

Size Chart		S	M	L	XL
Women	mm	225~240	240~255	255~270	
	US	5.5~7	7~8.5	8.5~10	
	UK	3~4.5	4.5~6	6~7.5	
	EU	36~38	38~40	40~42	
	RU	35.5~36.5	37~38	39~40	
Men	mm		240~255	255~270	270~285
	US		6~7.5	7.5~9	9~10.5
	UK		5~6.5	6.5~8	8~9.5
	EU		38.5~40.5	40.5~42.5	42.5~44.5
	RU		37.5~39	39.5~41	41~43



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## Product information

- Manufacturer : JJ TEC Co. Ltd.
- Origin : Rep. of Korea
- HS code : 6406.90-9010 removable insoles

## Terms and conditions

- T/T
- EXW, FOB, CIF (Busan port, Korea)
- OEM, ODM available

## Contact

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