HERGOS
cultura del benessere

B.O.S.
BIOMECHANIC ORTHOPEDIC SYSTEM

SCAN

DISPOSITIVO MEDICO CLASSE 1
CE

TECHNICAL SHEET

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B.O.S.
BIOMECHANIC ORTHOPEDIC SYSTEM

Our new line is the result of innovative technologies and scientific research with the aim of providing maximum protection during walking

The B.O.S. biomechanical sole reduces the excessive pressures during walking, decreases the feeling of tiredness, stimulates peripheral circulation, protects the foot from injuries and improves posture.

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COMFORT AND PERFORMANCE STANDARDS

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>Energy absorption and distribution of absorbed energy

METHOD ISO 20344:2011

ENERGY ABSORPTION = 38 J

RESULTS: The bottom of the shoe has suitable energy absorption capacity in the heel area placing itself in the high range of values absorption. The value complies with point 4.24 of the UNI standard 11533: 2014 Orthopedic footwear by series, prepared for insole.

>Shoe insole adapts to the foot slot in order to grant the maximum comfort.

METHOD SATRA TM183:2018

ENERGY ABSORPTION = 1,6 J

WIDTH K/10

RESULTS: Energy absorption makes this shoe highly adaptable to the foot. The wide fit avoids chafing and allows accommodation for each foot with the use of a customized insole.

>Slip resistance

METHOD ISO 13287:2019

TEST SOIL: Pressed ceramic (Eurotile 2)
DETERGENT: Sodium lauryl sulfate (NaLS)
TEST CONDITION: Flat footwear
COEFFICIENT OF FRICTION = 0,30

RESULTS: The shoe sole meets the UNI 11533: 2014 standard requirements (Orthopedic standard footwear, suitable for insoles)

>Longitudinal and torsional firmness of the shoe.

METHOD ISO 17707:2005

FORCE APPLIED AT AN ANGLE OF 45° = 28N

RESULTS: Tested values show good stability ensuring the flexibility during walking. The shoe exhibit good torsional stiffness ensuring a good support for the foot during walking.

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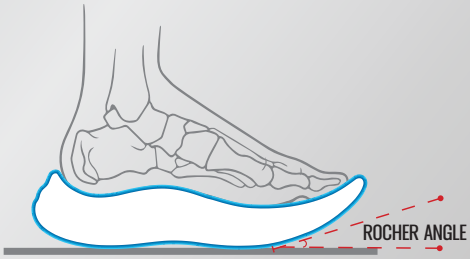
ROCKER SOLE

THE DYNAMIC SOLE THAT REDUCES FATIGUE

The basic concept of the biomechanical sole or rocker sole is to help the foot and ankle roll during the gait cycle, thus maintaining forward momentum.



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