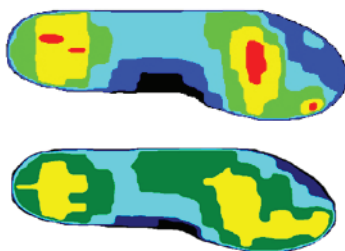


NIKE SPORTS RESEARCH LAB TESTING

Researchers in the Nike Sports Research Lab (NSRL) conducted pressure platform tests on runners to find pressure points on the foot. They found that with LunarLite foam, the pressure load had a larger distribution area across the foot. The foam is soft and spreads out force more evenly over a larger area so athletes aren't pounding all their pressure in one place. It protects the foot's fragile bones, helps add stability and is comfortable for exercise.



SEE THE DIFFERENCE

Top: Pressure points (red) without LunarLite
Bottom: Pressure points with LunarLite

LUNARLITE FOAM

LunarLite foam is 30% lighter than standard Phylon and provides ultra-lightweight and springy cushioning for your foot. Encased in a Phylon or Phylite midsole, this new foam compound, invented at Nike, delivers cushioning that's soft and not too mushy. It allows impact force to be more evenly distributed and helps reduce painful pressure points on your foot.

HOW DOES IT WORK?

CONSTRUCTION

- 1 LunarLite foam core is encased in either a Phylon or Phylite carrier adding spring and greater resistance to compression set.
- 2 In both running shoes the LunarLite is a system of LunarLite foam core, combined with a Phylon or Phylite carrier and Waffle Piston geometry for a unique blend of plush cushioning and springy response.
- 3 The foam is soft and spreads force evenly over a larger area, so you aren't putting excessive pressure on isolated areas of your feet.



Foam encased in Phylon

PERFORMANCE BENEFIT

LunarLite has a larger distribution area for pressure, so that you aren't pounding on the same spot with each step. It feels very soft under your feet and is encased in a Phylon midsole for stability, and to help add support. Runners who have tried it say their legs don't feel "as beat up after a long run" as they typically do. The Nike designer came up with LunarLite by downloading images of astronauts bouncing around on the surface of the moon, as if on marshmallows — just what he wanted the cushioning to feel like.

INSIDE SCOOP

LunarLite will be used in the LunaRacer and LunarTrainer running shoes, the Nike Hyperdunk basketball shoe, and the Nike Zoom Court Luna tennis shoe — just in time for world-class competition in Beijing.



LunaRacer



LunarTrainer



Nike Hyperdunk



Nike Zoom Court Luna