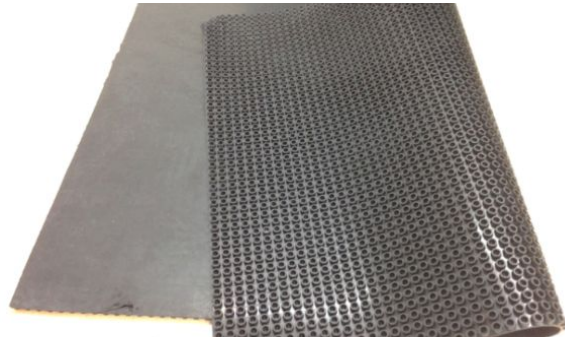


SmartCells NanoCells

The .11" thick 13 ⁷/₈" X 8 ⁷/₈" SmartCells NanoCell sheet is used to add the unique cushioning capabilities of SmartCells to our lines of prefabricated and custom insoles.

- Absorbs up to **15%** of impact forces without compromising comfort or stability
- 100% non-porous rubber will not absorb liquids



Product Data

Product	SmartCells NanoCell Sheet
Description	100% non-porous rubber, this sheet contains the NanoCells spaced 10 cells per 1.75" on a square grid pattern
Overall Thickness	.11 inches
Area	.86 ft ² (13 ⁷ / ₈ " x 8 ⁷ / ₈ ")
Weight	4.85 oz
Color	Black
Surface Texture	Smooth as-molded surface
Add-on Surface Finish	N/A
Composition	Molded EPDM Rubber Polymer

Technical Specifications

Durometer Hardness (ASTM D2240)	Shore, type A Durometer: 40
Flexibility (ASTM D412)	300% modulus: 400 +/- 200 psi
Tensile Strength (ASTM D412)	500-1000 psi
Structural Elastic Modulus	0.6 - 0.9 MPa
Fire Rating	NFPA Flammability Rating: 1

Chemical Resistance

	Compatibility
Hot Water & Steam	Yes
Acids & Bases	Yes
Animal Oils & Fats	Yes
Aliphatic Alcohols	Yes
Water-based Cleaning Solutions	Yes
Hydrocarbon Fuels & Solvents	No
Lubricating Oils	No

Installation:

Loose Laid- Panels are Edge-glued / Chemically welded with SATECH instant adhesive, or interconnected with connector system

Cleaning:

Sweep, vacuum, or damp mop - see separate cleaning guidelines for details

Warranty:

8 Year Warranty - see separate warranty sheet for details

For complete information on SmartCells warranty, installation, and cleaning guidelines, please email info@smartcellsusa.com or visit www.smartcellsusa.com