

More Warmth. Less Bulk.



- Best In Class Thermal Conductivity
- Ultra-Thin
- Performs Under Compression

Scan here to connect with the Solarcore® team!



Sc_Foam provides a superior insulating technology under US Patent #10793777.

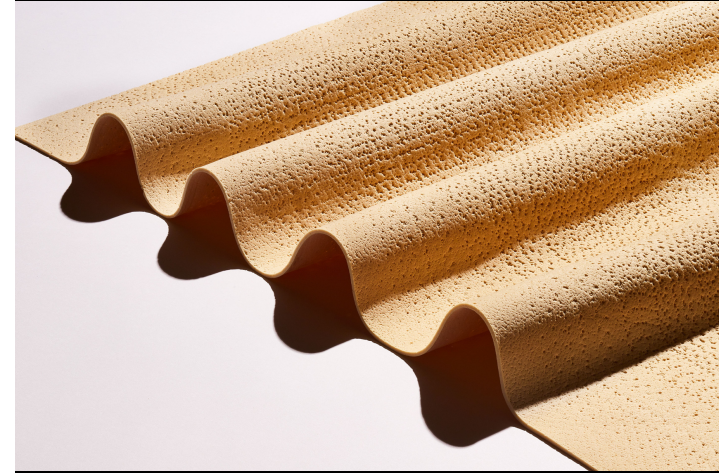
Characteristics		
Base Content	NBR Closed Cell Foam	
Color	Beige	
Origin Region	Asia	
Chemical Compliance	OEKO-TEX Standard 100 & PFAS Free	
Thermal Properties		
Thermal Conductivity	32.6 mW/mK	
Normalized R-value	4.42 R-value/inch	
Normalized CLO Value	5.03 CLO/inch	
Specifications	Sc_Foam	Sc_Foam Breathable
Sheet Size	1.4 m W x 1.9 m L	1.4 m W x 18.8 m L
Size Availability	2mm, 3mm, 5mm, 10mm	2mm, 3mm
Weight	55 g/m ² per mm thickness	55 g/m ² per mm thickness

Scan here to learn more about Sc_Foam and our proprietary technology.



Solarcore®

THE FUTURE OF INSULATION



Solarcore® is The Future of Insulation. Infusing NASA-developed Aerogel into an ultra-thin layer, Sc_Foam delivers more warmth without the typical bulk of lofted insulations.



NASA-Inspired Aerogel Technology

www.solarcore.tech



ISPO Textrends Award

Sc_Foam 2 mm: Selection in
Fibers/Insulations for Fall/Winter
2025/2026



Solarcore® is granted the OEKO-TEX® STANDARD 100 certification

OEKO-TEX® STANDARD 100 certified products have been tested for harmful substances to protect your health. This label certifies that every component of the product has been rigorously tested against a list of up to 350 toxic chemicals.

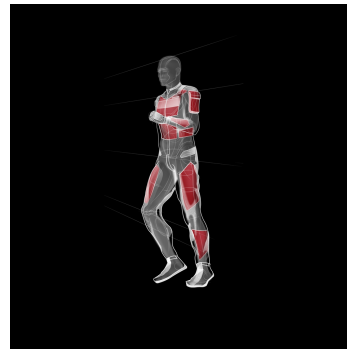
Solarcore®

NASA-developed Aerogel is comprised of 99.8% air that is trapped and organized into a nanoporous lattice structure to deliver ultra-high internal surface areas which minimize conductive and convective heat transfer.

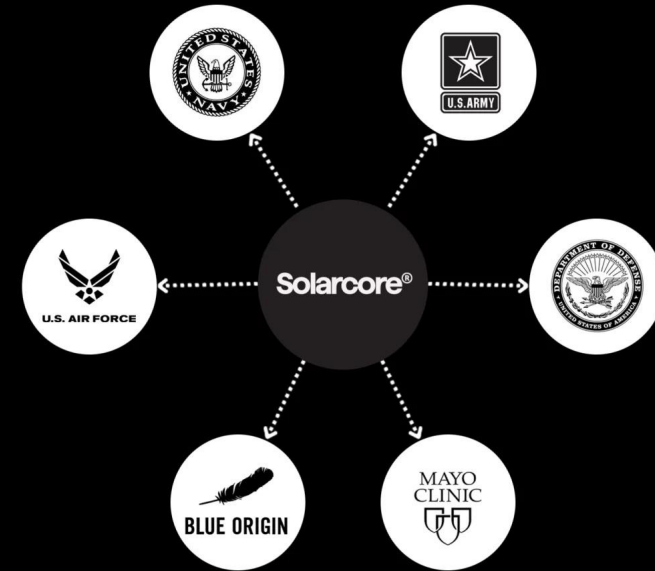
Solarcore® leverages Aerogel nanoparticles infused into NBR closed-cell foam to deliver unparalleled thermal performance.

Sc_Foam is the best option for brands looking to address areas where lofted insulation performs poorly, such as footbeds, compression points on apparel, palms of gloves, and more.

Scan here to learn how Solarcore can improve your products.



Solarcore® launched with innovation leaders in government and biotechnology.



Scan here to learn more about our strategic partnerships.



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