

WHEN INSULATION MATTERS SOLSTICE® TECHNOLOGY DELIVERS

**Five reasons why Solstice® Blowing Agents
are a smarter choice for your business**





1. MAKING SUSTAINABLE ATTAINABLE

Solstice® Blowing Agents are an environmentally preferable choice for spray foam insulation with an impressively low Global Warming Potential (GWP) of 1. Solstice® Blowing Agents hold the potential to make substantial contributions to global warming reductions. By substituting HFC-245fa and HFC-365mfc, the adoption of Solstice® HFO technology yields immediate and significant improvement in the environmental impact of foam blowing agents. This innovation underscores Solstice's commitment to advancing sustainable solutions in insulation technology.



2. ALWAYS AT THE FOREFRONT OF INNOVATION

Dating back to the 1940s, Solstice has been a pioneer in the development of fluorocarbon blowing agents. Over the years, we have consistently led advancements in this technology, remaining at the forefront of every major improvement. Solstice's commitment to innovation is fortified by a robust investment in research and development, reinforced by a protective shield of patents. By ensuring a continuous supply of high-quality products, we empower our customers to conduct business seamlessly.

Within the Solstice® line of products, meticulously crafted compositions aim for maximized initial and aged R-value, enhanced technical properties, vapor pressure management, extended shelf life, and more. Solstice's extensive patent portfolio encompasses a diverse range of foam blowing agent solutions and applications, solidifying our position as a leading force in the industry.



3. CUTTING-EDGE, COMMERCIALLY PROVEN PRODUCTS

Solstice Blowing Agents are nonozone depleting replacements for HFCs and have been commercially available since 2014 with proven high performance across applications, including spray polyurethane foam to insulate, air seal, manage moisture and improve structural strength in commercial and residential buildings.

SOLSTICE LBA

- Contractors report better yields vs. HFC-245fa
- Improved thermal performance of 4%-6% in k-factor vs. HFC-245fa*
- Helps reduce gun clogging
- Smooth finish may require less coating

SOLSTICE GBA

Meets application performance criteria with one- and two-component low-pressure SPF foam, and high-pressure SPF foam.

* Solstice LBA has a GWP of one, 99.9% lower than the GWP of HFC blowing agents. Initial lab analysis of spray foams using Solstice LBA has shown a 4-6% improvement in k-factor (which represents thermal conductivity) when compared with spray foams made with HFC-245fa.



4. WORLD-CLASS MANUFACTURING CAPABILITIES, ENSURING SEAMLESS SUPPLY

In response to the global shift towards lower GWP solutions, Solstice, along with its suppliers, has continued to invest in research and development (R&D) and new manufacturing capacity for Solstice HFO Technology. In 2022, our fifth full-scale asset was inaugurated. Together with our assets in the USA and our global partnerships to supply HFO for all the regions, we keep our commitment to the SPF industry and continue our work to be your best-in-class supplier.



1. RESEARCH LABORATORIES (BUFFALO, USA)

- Global R&D Center
- Applications Development
- Technical Support
- Fully equipped foam laboratory

2. LATAM REGIONAL TECH SUPPORT (COLOMBIA)

3. EUROPE REGIONAL TECH SUPPORT (BARCELONA)

4. MIDDLE EAST, AFRICA AND TURKEY TECH SUPPORT (DUBAI)

5. INDIA TECH SUPPORT AND FOAM TEST LAB (GURGAON)

6. RESEARCH LABORATORIES (CHINA)

- Applications Development
- Technical Support
- Fully equipped foam laboratory

★ MANUFACTURING PLANTS

5. OUTSTANDING CUSTOMER SUPPORT AND TECHNICAL HELP ACROSS THE GLOBE

Solstice takes immense pride in surpassing industry standards, offering unwavering support to our customers throughout the entire process, from formulation to application. Our dedicated support team, boasting decades of expertise in the foam and polymer industry, stands ready to address customer needs, provide expert guidance, and promptly resolve any concerns they may encounter.

System houses and contractors can confidently rely on the extensive field experience of our global technical experts, individuals who are deeply passionate about ensuring the success of our valued customers.



RESPONSIBLE CARE
OUR COMMITMENT TO SUSTAINABILITY

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or scan below.



[solstice.com](https://www.solstice.com)
Solstice Advanced Materials
115 Tabor Rd.
Morris Plains, NJ 07950



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