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Pluss Advanced Technologies launches reusable temperature-controlled packaging solution for healthcare

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A new range of reusable temperature-controlled shipping solutions



Gurugram-based Pluss Advanced Technologies, a leading material science company and pioneer in Phase Change Material (PCM) technology, has announced the launch of Celsure Endura, a new range of reusable temperature-controlled shipping solutions designed to ensure reliable transportation of temperature-sensitive products across diverse climatic conditions.

As pharmaceutical, biotechnology, diagnostics and healthcare supply chains become increasingly dependent on precise temperature control, organisations are seeking solutions that can deliver product integrity while improving operational efficiency and sustainability. Celsure Endura has been developed to address these evolving requirements through advanced PCM technology, offering precise temperature maintenance, extended thermal protection and reduced logistics costs.

Engineered for demanding transportation environments, the Celsure Endura range is available across multiple temperature profiles, including 2–8°C, 15–25°C and -15°C to -25°C, making it suitable for a broad spectrum of pharmaceutical, biotech, clinical trial and healthcare applications.

The reusable shippers provide more than 120 hours of temperature protection, have been validated for 45°C summer exposure as well as extreme winter conditions, and enable a single operating protocol throughout the year. Its lightweight, reusable design enables cost-efficient transportation while enhancing product safety and sustainability.

The launch reinforces PLUS' focus on developing science-led innovations that address real-world industry challenges. By combining advanced materials research with practical logistics applications, the company continues to support businesses in enhancing supply chain reliability while reducing their environmental footprint.