

Exploring the Benefits of Bubble Insulation and Prodex Total

HOUSTON, TX, UNITED STATES, June 20, 2025 /EINPresswire.com/ -- Bubble insulation is gaining popularity as an efficient and versatile thermal barrier for residential, commercial, and industrial applications. This innovative material features layers of polyethylene air bubbles enclosed between reflective foil surfaces. Available in two main types—single and double bubble—this insulation offers customizable solutions: the single bubble variant includes one layer of bubbles at approximately 5/32 inch thick, while the double bubble option enhances performance with two layers, measuring around 5/16 inch in total thickness. The primary distinction lies in thickness, with performance differences between the two being minimal. Both types can be [susceptible to punctures](#), which may compromise their insulating capabilities.



Foam Center of Prodex Total Insulation

“

Cool in Summer. Warm in Winter. Dry all the time.”

Jonathan Barber

Understanding the Prodex Total difference:

Prodex Total replaces the bubble interior with closed cell polyethylene foam. It is a multi-layer [reflective insulation](#) designed to address various challenges in metal buildings,

pole barns and houses.

Features/Benefits:

R-value unaffected by humidity : Prevents condensation : Prevents 97% of radiant heat transfer : Vapor barrier : Core sealed on both sides with flange : Elastic : Does not promote mold or mildew : Does not provide for nesting of rodents, bugs or birds : Seals around nails (no leak) : ICC-ES Recognized : Keeps its shape over time (doesn't collapse) : Rippled surface increases airflow : Green Product Certified : Over 5 billion square feet sold worldwide.

While bubble insulation can be a cost-effective solution for certain applications, it's essential to consider the specific needs of your building. For environments prone to moisture or requiring consistent thermal performance, Prodex Total may offer enhanced benefits.

[About Insulation4Less](#)

Insulation4Less provides a range of insulation products tailored to various building needs. With a focus on quality and customer education, the company strives to assist consumers in selecting the most suitable insulation solutions.



Reflective foil on Prodex Total Insulation

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