



Serene[®] Foam

Sleeping on air never felt so good

Supportive Air Technology[™]

Serene[®] foam is designed with billions of microscopic air capsules to enhance support while reducing pressure on sensitive areas of the body.

Not Temperature Sensitive

Unlike memory foam, Serene[®] foam is not temperature sensitive, remaining plush and comfortable throughout the night.

Reduced Motion Transfer

Serene[®] foam minimizes motion transfer across the sleep surface.

Serene[®] foam was created by Carpenter Co. to offer the best in comfort and support. It is soft, yet versatile: it can be used for pillows, toppers or as a traditional comfort or transition layer for mattresses.

This unique collection of attributes makes for a superior product.



**Supportive Air
Technology[™]**
reduces pressure



**Reduced motion transfer for an
uninterrupted night's sleep**



**Exceptional
performance**

| Property | ASTM D3574 | Units | HR12250BU | HR22250BU |
|---|----------------------------------|--------------------|--------------|--------------|
| Density | Test A | lb/ft ³ | 2.50 nominal | 2.50 nominal |
| 25% IFD | Test B ₁ | lbf | 12 minimum | 22 minimum |
| Supportive Air | Carpenter Proprietary | lbf | 4.75 nominal | 9.0 nominal |
| Resilience | Test H | % | 20 to 30 | 20 to 30 |
| Compression Set | 75% as received (D) | % | < 3 | < 3 |
| | 90% as received (D) | % | < 3 | < 3 |
| | 50% Wet Heat (L) | % | < 5 | < 5 |
| Constant Force Pounding (12,000 cycles) | Thickness loss (I ₃) | % | < 2 | < 2 |
| | Firmness loss (I ₃) | % | 7 | 13 |

*typical physical property values

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CARPENTER

TRANQUIL[®] Memory Foam

Meet the most reliable, highest airflow memory foam on the market

Tranquil[®] foam is the most breathable memory foam on the market, with airflow measurements as high as 10 scfm. It reduces pressure while providing unprecedented durability in the viscoelastic foam category.



**Motion dampening
with extremely high
airflow**



**Individual response
to body contours
and temperature**



**Exceptional balance
of durability
and comfort**



**Fast recovery
without increasing
pressure**

| Property | ASTM D3574 | Units | VR8250PE | VR13300PE |
|--|---------------------|--------------------|--------------|-------------|
| Density | Test A | lb/ft ³ | 2.50 nominal | 3.0 nominal |
| 25% IFD | Test B1 | lbf | 8 minimum | 13 minimum |
| Airflow | Test G | scfm | 8+ | 5+ |
| Resilience | Test H | % | <10 | <10 |
| 90% Compression Set | As received (D) | % | <5 | <1 |
| | Humid aged (J2) | % | <5 | <1 |
| Constant Force Pounding (12,000 cycles) | Thickness loss (I3) | % | <1 | <1 |
| | Firmness loss (I3) | % | <5 | <5 |

*Typical physical property values



CARPENTER

TRANQUILITY® Active Response Foam

The most reliable, highest airflow active response foam on the market

Tranquility® foam is the most breathable active response foam on the market, providing 2X more airflow compared to other products.

Tranquility foam offers excellent support and unprecedented durability.



High reliability



More breathable than any other foam on the market



Exceptional balance of durability and comfort



Increased support and active response

| Property | ASTM D3574 | Units | HPRI1250PE* | HPRI1300BU |
|---|---------------------|--------------------|--------------|-------------|
| Density | Test A | lb/ft ³ | 2.50 nominal | 3.0 nominal |
| 25% IFD | Test B1 | lbf | 11 minimum | 11 minimum |
| Support Factor | X3.1 | | 2.3 | 2.4 |
| Airflow | Test G | scfm | 8+ | 8+ |
| Resilience | Test H | % | 25+ | 30+ |
| 90% Compression Set | As received (D) | % | <1 | <1 |
| | Humid aged (J2) | % | <1 | <1 |
| Constant Force Pounding (80,000 cycles) | Thickness loss (I3) | % | <1 | <1 |
| | Firmness loss (I3) | % | <5 | <3 |

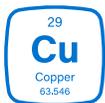
Typical physical property values
*recommended for layers

ELATE[®]

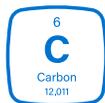
Antimicrobial Memory Foam

Featuring Carpenter's latest TheraGel™ technology, Elate[®] introduces Copper, Graphite, and Silver additives encapsulated in gel bead form.

Treated for antimicrobial performance, Elate[®] foam self-adjusts to conform to each individual sleeping style and reduces motion transfer across the surface.



COPPER



GRAPHITE



SILVER



**Reduced motion transfer
for an uninterrupted
night's sleep**



**Superior
Pressure Relief**



**Antimicrobial
Performance**



CARPENTER

Aurora[®] Foam



Ultimate airflow and durability

Aurora[®] Foam is an established and trusted product with extreme airflow, outstanding resilience and a soft touch.

Combining durability with a spring-like feel, Aurora[®] Foam can help ease pressure on sensitive areas, and is formulated with a wide-open cell structure, increasing the airflow in more than 50% compared to most higher airflow products in the market.



**Spring-like feel
Great bounce-back**



**Ultimate
Comfort Layer**



Extreme Airflow
Increased airflow can lead to a cooler night's sleep



CARPENTER

intuition™

Memory Foam

Experience superior pressure relief on a plush and supple memory foam.

Intuition™ memory foam is the ultimate comfort layer to provide a wonderful night of sleep.



**Enhances High
Quality Transition
Layers**



**Superior Pressure
Relief**



Plush and Supple



**Ultimate Comfort
Layer**



CARPENTER

Bliss[®]

Memory Foam

Presenting Bliss[®] Foam: the most supple bed pillow foam, available in a variety of sizes and shapes.

This soft yet supportive foam pillow adjusts to head and neck contours for personalized comfort.

Experience ultimate comfort in bed pillows.



**Exceptional balance of
durability and comfort**



Endure[®]

High Resilience Foam

Endure[®] foam has been a trusted technology for more than 25 years. It is a flexible, latex-like polyurethane foam that offers the feel and comfort of a latex foam, providing exceptional bounce and support. The Active Air Technology[™] improves airflow for a restful night of sleep.



Excellent Support



High Bounce



Exceptional balance of durability and comfort