



Sacral-Ischial

Foam Indentation

After VARILITE Air-Foam Floatation cushions (such as Evolution PSV™ and Meridian™) have been used a number of times, the sacral-ischial foam area may appear to become indented, as shown.



The cushion has NOT bottomed out, set or failed. VARILITE Air-Foam Floatation cushions are designed to indent in the sacral-ischial area.

Why does this happen?

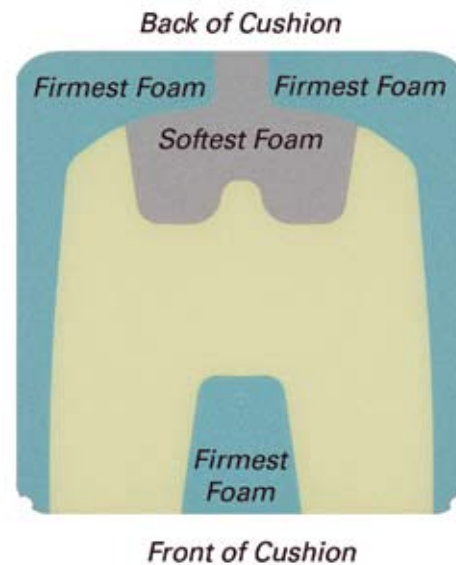
- The soft, less firm foam of the sacral-ischial area, by design, exerts less “push back” on the cushion fabric than the surrounding firmer foam.
- The four-way stretch cushion fabric accentuates the indentation.

Why is this not a big deal?

- There is still air in the sacral-ischial area foam, and the air is supporting the load and providing pressure displacement.
- The role of the foam is to keep the air where it is needed and preserve the cushion shape.
- This kind of indentation would be of concern for foam-only cushions, as it would indicate that the foam had developed a permanent set. The Air-Foam Floatation technology of VARILITE cushions prevents this from happening.

Why have three different foam firmnesses?

- Stiffer foam is used around the perimeter and at the medial thigh separator to provide posture support.
- Medium foam is used for the thigh trough to create a pre-ischial bar, allow for conformation and increase surface area contact.
- Soft foam in the sacral-ischial area provides pressure displacement at peak points.
- The foam is bonded to a four-way stretch fabric to allow for maximal contouring and immersion of the body into the foam, which increases the surface area supported.



What can I do to maintain the foam integrity?

We recommend that you leave the valve open and allow your **VARILITE** Air-Foam Floatation cushion to fully inflate overnight, at least once a week, to maintain optimal cushion performance.

Still have questions or need more information?

Call (800) 827-4548 to speak with our staff therapist or a **VARILITE** Customer Service representative.



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