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On the Technical Side... *ROHO vs. S'port Foam & Tailcut*

Many questions come up as to the applicability of specific BodyBilt options – when do I use this, and when do I use that? The use of the ROHO cushion vs. s'port foam comes up frequently. This Technical Side will hopefully explain when to make the distinction.

Let's start by talking about the regular seat pan. The regular BodyBilt seat pan has a multi-layered multi-density foam system as follows: There is first put down a layer of a dense foam called heartfoam, called so because if you hold up the foam it looks like the shape of a heart with an extension on the bottom. This foam extends from theommel out into the seat pan covering the majority of the area that supports the weight of the seated individual.

An additional piece of the heartfoam is used to create aommel (if there is one – if the x option is specified, then this piece of foam is omitted). The next layer of foam is a medium density foam that provides the contour and support of the seat pan.

(NOTE: That description pertains to all seats except the #3 bariatric seat – it has a special layering of foam unlike any other BodyBilt product)

Medium density foam



When the s'port foam in the seat option (SFS) is ordered, an additional layer of spongier foam is placed over the medium density foam, creating a greater cushion for the user to enjoy. That spongier foam is a memory foam. No, it doesn't remember your butt print – it remembers its original shape, and in effect has less crushing potential than most other foams.

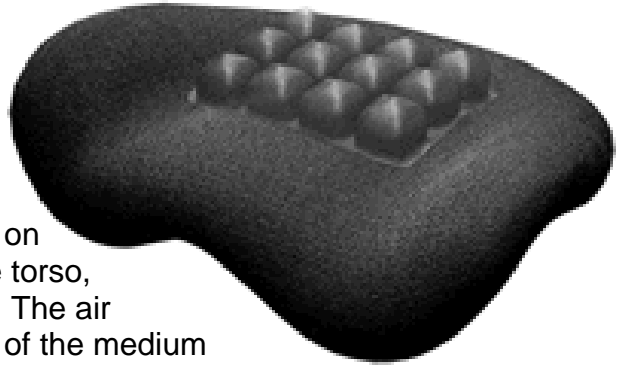
The s'port foam is most effective when combined with Comfortek fabric, as it stretches in all directions and enhances the properties of the foam.



The tailcut customization is a great option for those who have either fibromyalgia, a broken tailbone (coccyx), or have extreme sensitivity or pain in the back of the seated area. When the tailcut customization is ordered, a round section of the medium density foam is cut out of the seat pan, and the seat is upholstered with the s'port foam and upholstery over it. Previous versions of the tailcut actually were upholstered with a depression in the seat that looked somewhat like a hole at a golf tee. (Sorry, I don't have a cross section seat to show the difference with the tailcut)

The ROHO was actually a set of air bladders that were developed to help prevent people who are either paraplegic (paralyzed from the waist down) or quadriplegic (paralyzed

from the neck down or have very limited use of the upper extremities) who typically use wheelchairs and sit for long term avoid decubitus, or pressure sores. People who have feeling/sensation below the waist actually sense the discomfort and fidget or move around – people who don't have that feeling can't sense when they need to move. The ROHO cushion was developed to help redistribute weight on the air bladders with any movement of the torso, and thus helping to avoid pressure sores. The air bladders sit on the seat pan shell in place of the medium density foam (i.e. the foam is cut out immediately under where the ROHO cushion is placed). This picture shows the position of the ROHO cushion, but the ROHO does not actually protrude above the seat pan level like it is shown – there is fabric placed over the ROHO, so the easiest way to tell if a seat pan has the ROHO is to look for the air bladder bulb imbedded in the side of the plastic seat pan shell under the upholstery.



What is then the benefit from the ROHO cushion? It does provide adjustability to the pressure in the seat for the user. In that light, the user needs to be cautioned that this is an air bladder, just like the air lumbar or the air in your car's tires, the air needs to be added periodically to maintain the level of comfort desired.

Who should use the ROHO? Anyone who wants the ultimate in adjustability can use the ROHO, but for the majority of users the s'port foam does fit the bill for what they need.

ROHO - yet another innovation demonstrating the commitment of BodyBilt in providing the ultimate in adjustable ergonomic seating. Happy selling!