

## Sizing Guidelines for the ROHO® Hybrid Elite® Cushion

### Overall Concept:

ROHO's philosophy with the Hybrid Elite Cushion is to use the air cells to "float" or hydrostatically load BOTH the greater trochanters of the femur AND the ischial tuberosities of the pelvis. In order to do this, it is important that the cushion is correctly sized to the individual. By not following these guidelines, an increased reaction force may occur causing increased pressure, particularly under the posterior shelf of the greater trochanter and under the posterior aspect of the thigh.

Most cushion sizes should closely correspond to the sizing of an individual's wheelchair. If an individual's wheelchair is sized correctly to the client, confidence should be high that the corresponding size cushion will be correctly sized as well. However, there are times when an individual's wheelchair is not appropriately sized to the individual. If this is the case, please let these recommendations assist you in determining the appropriate size of the Hybrid Elite cushion.

### Width of the Cushion:

It is imperative that the individual's greater trochanters are contained within the borders of the pelvic loading area. If the cushion is too narrow, the individual's greater trochanters will not be contained within the air cells of the cushion which may cause an increase in pressure on the hips due to direct contact with the foam base.

Actual wheelchair measurements vary by manufacturer, making it difficult to define a true wheelchair size. Please use the sizing chart on the reverse side to assist in selecting the correct size cushion for the individual's wheelchair.

**Recommendation:** The individual's outer thigh areas should be at the same width as the edge of the cushion.



Cushion Fitted Correctly



Cushion TOO Narrow



Cushion TOO Wide

### Depth of the Cushion:

It is equally important that the depth of the cushion is appropriate for each individual. If the cushion is too deep, the front edge of the cushion may contact the soft tissue behind the knee causing circulatory and sensory problems and making the individual uncomfortable. If the cushion is not deep enough, there will be reduced thigh support with less pressure distribution under the legs, causing increased pressure directed to other areas of the pelvis.

**Recommendation:** Depending on the angle of the legs and the position of the leg rest, there should be one to two inches (3 to 5 cm) between the edge of the cushion and the individual's lower leg.



Cushion Fitted Correctly



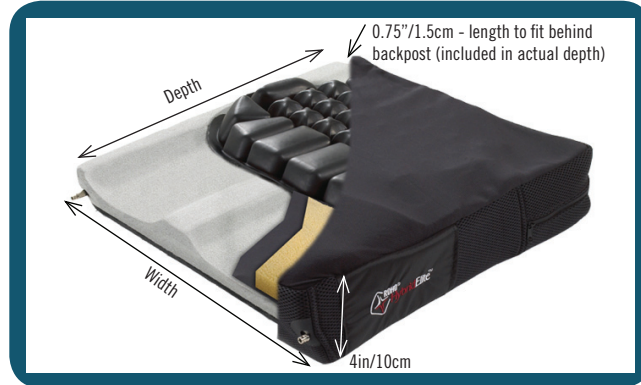
Cushion NOT Deep Enough



Cushion TOO Deep

Following these simple sizing guidelines will help ensure customer satisfaction with the new Hybrid Elite Cushion!

Please visit [www.therohogroup.com](http://www.therohogroup.com) to receive additional information regarding product description and intended use.



Hybrid Elite Item # Single Valve	Hybrid Elite Item # Dual Valve	Standard Cover Item #	Heavy Duty Cover Item #	Fits Chair Size				Actual Cushion Size*			
				Width/in.	Depth/in.	Width/cm	Depth/cm	Width/in.	Depth/in.**	Width/cm	Depth/cm**
1RHY1414C	2RHY1414C	UCFRHY1414	HDHY1414	14.00	14.00	36.00	36.00	13.75	14.75	35.00	37.50
1RHY1415C	2RHY1415C	UCFRHY1415	HDHY1415	14.00	15.00	36.00	38.00	13.75	15.75	35.00	40.00
1RHY1416C	2RHY1416C	UCFRHY1416	HDHY1416	14.00	16.00	36.00	41.00	13.75	16.75	35.00	43.00
1RHY1515C	2RHY1515C	UCFRHY1515	HDHY1515	15.00	15.00	38.00	38.00	14.75	15.75	37.50	40.00
1RHY1516C	2RHY1516C	UCFRHY1516	HDHY1516	15.00	16.00	38.00	41.00	14.75	16.75	37.50	43.00
1RHY1517C	2RHY1517C	UCFRHY1517	HDHY1517	15.00	17.00	38.00	43.00	14.75	17.75	37.50	45.00
1RHY1615C	2RHY1615C	UCFRHY1615	HDHY1615	16.00	15.00	41.00	38.00	15.75	15.75	40.00	40.00
1RHY1616C	2RHY1616C	UCFRHY1616	HDHY1616	16.00	16.00	41.00	41.00	15.75	16.75	40.00	43.00
1RHY1617C	2RHY1617C	UCFRHY1617	HDHY1617	16.00	17.00	41.00	43.00	15.75	17.75	40.00	45.00
1RHY1618C	2RHY1618C	UCFRHY1618	HDHY1618	16.00	18.00	41.00	46.00	15.75	18.75	40.00	48.00
1RHY1620C	2RHY1620C	UCFRHY1620	HDHY1620	16.00	20.00	41.00	51.00	15.75	20.75	40.00	53.00
1RHY1716C	2RHY1716C	UCFRHY1716	HDHY1716	17.00	16.00	43.00	41.00	16.75	16.75	43.00	43.00
1RHY1717C	2RHY1717C	UCFRHY1717	HDHY1717	17.00	17.00	43.00	43.00	16.75	17.75	43.00	45.00
1RHY1718C	2RHY1718C	UCFRHY1718	HDHY1718	17.00	18.00	43.00	46.00	16.75	18.75	43.00	48.00
1RHY1816C	2RHY1816C	UCFRHY1816	HDHY1816	18.00	16.00	46.00	41.00	17.75	16.75	45.00	43.00
1RHY1817C	2RHY1817C	UCFRHY1817	HDHY1817	18.00	17.00	46.00	43.00	17.75	17.75	45.00	45.00
1RHY1818C	2RHY1818C	UCFRHY1818	HDHY1818	18.00	18.00	46.00	46.00	17.75	18.75	45.00	48.00
1RHY1820C	2RHY1820C	UCFRHY1820	HDHY1820	18.00	20.00	46.00	51.00	17.75	20.75	45.00	53.00
1RHY2018C	2RHY2018C	UCFRHY2018	HDHY2018	20.00	18.00	51.00	46.00	19.75	18.75	50.00	48.00
1RHY2020C	2RHY2020C	UCFRHY2020	HDHY2020	20.00	20.00	51.00	51.00	19.75	20.75	50.00	53.00
1RHY2218C	2RHY2218C	UCFRHY2218	HDHY2218	22.00	18.00	56.00	46.00	21.75	18.75	55.50	48.00
1RHY2220C	2RHY2220C	UCFRHY2220	HDHY2220	22.00	20.00	56.00	51.00	21.75	20.75	55.50	53.00
1RHY2418C	2RHY2418C	UCFRHY2418	HDHY2418	24.00	18.00	61.00	46.00	23.75	18.75	60.50	48.00
1RHY2420C	2RHY2420C	UCFRHY2420	HDHY2420	24.00	20.00	61.00	51.00	23.75	20.75	60.50	53.00

\*\*Cushion actual depth adds 0.75"/1.5cm to allow for fit between wheelchair backposts.

\*NOTE: All measurements are approximate. Width and depth measurements are taken from the top of the foam base and are rounded to the nearest .25 in. or .5 cm.

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