

# Vac-Lok™ Cushions Urethane

## TECH DATA SHEET

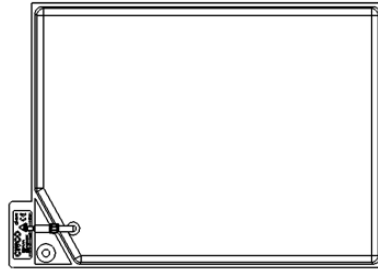


<b>PRODUCT NAME</b>	Vac-Lok Cushions
<b>PRODUCT NUMBER</b>	See Technical Details
<b>GENERAL DESCRIPTION</b>	Vac-Lok Cushions create a comfortable, secure and precise support around the patient when a vacuum is drawn through a self-sealing quick-release valve. Once the air is vacuumed out, the bag retains its shape and guarantees stability and reproducibility of the patient's position for up to six weeks.
<b>INDICATIONS FOR USE</b>	The device is indicated to aid in supporting and positioning adult and pediatric patients undergoing radiation therapy including electron, photon, and proton treatments. The device is also used during image acquisition to support treatment planning.
<b>MR CONDITIONAL</b>	Product poses no known hazard in 1.5T and 3.0T MR environments. Vac-Lok valve creates minimal image artifact.
<b>FDA CLEARANCE</b>	Yes
<b>CE MARKED (EU DOC)</b>	Yes
<b>OTHER COUNTRY REGISTRATIONS</b>	Available upon request
<b>COUNTRY OF MANUFACTURE</b>	USA

## TECHNICAL DETAILS

<b>PRIMARY MATERIALS</b>	Urethane, Polypropylene Beads					
<b>DOSIMETRIC PROPERTIES</b>	<b>LOCATION</b>	<b>LOCATION THICKNESS</b>	<b>FIELD SIZE</b>	<b>ATTENUATION 6 (MV)</b>	<b>ATTENUATION 18 (MV)</b>	<b>PROTON WATER EQUIVALENCY (R80)</b>
	Center	1 in. (2.54 cm)	10 x 10	.94%	.62%	3.1 mm
	Performance Specifications are for reference only, values may vary based on setup and equipment.					
<b>RIGIDITY</b>	Provides up to 90% more rigidity than prior CQ Medical Vac-Lok (cream colored) cushions.					

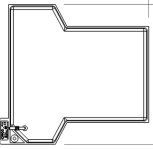

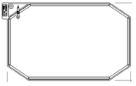
### TECHNICAL DRAWING (RECTANGULAR VAC-LOK CUSHIONS)



Urethane

DIMENSIONS	FILL (LITERS)	PRODUCT NUMBER (URETHANE)	WEIGHT (APPROX)	
25 x 50 cm	2.25	VLE225	1.3 lbs	(0.59 kg)
50 x 70 cm	15	VLJ15	3.2 lbs	(1.45 kg)
70 x 70 cm	20	VLJ20	3.9 lbs	(1.77 kg)
70 x 100 cm	35	VLG35	6.1 lbs	(2.77 kg)
70 x 100 cm	40	VLG40	6.8 lbs	(3.08 kg)
75 x 100 cm	28	VLPLV01	5.1 lbs	(2.31 kg)
75 x 120 cm	34	VLPLV02	5.9 lbs	(2.68 kg)
75 x 150 cm	50	VLFB01	8.3 lbs	(3.76 kg)
100 x 100 cm	40	VLB40	6.8 lbs	(3.08 kg)

## TECHNICAL DRAWINGS (NON-RECTANGULAR VAC-LOK CUSHIONS)

SHAPE	CUSHION	DIMENSIONS	FILL (LITERS)	PRODUCT NUMBER (URETHANE)	WEIGHT (APPROX)	
	“T”	50 x 70 cm	6	VL37	1.9 lbs	(0.86 kg)
	Arms Up	75 x 75 cm	20	VLARM01	3.9 lbs	(1.77 kg)
	Wing Board™	88 x 55 cm	15	VLWGB03	2.2 lbs	(1.0 kg)

## PACKAGING

UNIT PACK	Each
UNITS / BOX	One device
SHELF LIFE	n/a
WARRANTY	See CQ Medical website for Product Warranty Statement
STERILIZATION	Non-Sterile
LAUNCH DATE	May 2018