Vac-Lok™ Cushions Urethane

TECH DATA SHEET

PRODUCT NAME	Vac-Lok Cushions
PRODUCT NUMBER	See Technical Details
GENERAL DESCRIPTION	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.
INDICATIONS FOR USE	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.
MR CONDITIONAL	Product poses no known hazard in 1.5T and 3.0T MR environments. Vac-Lok valve creates minimal image artifact.
APPROVED CLEANING SOLUTIONS	Sani-Cloth® AF3 Germicidal Disposable Wipe (Gray Top) Super Sani-Cloth Germicidal Disposable Wipe (Purple Top) Sani-Cloth Bleach Germicidal Disposable Wipe (Orange Top) Sani-HyPerCide Germicidal Disposable Wipe (Green Top) Sani-Cloth Prime Germicidal Disposable Wipe (Pink Top)
FDA CLEARANCE	Yes
CE MARKED (EU DOC)	Yes
OTHER COUNTRY REGISTRATIONS	Available upon request
COUNTRY OF MANUFACTURE	USA

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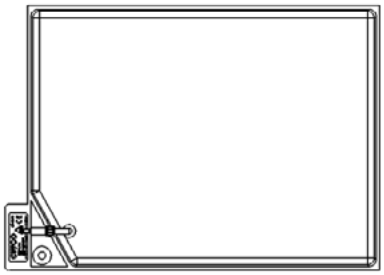
TECHNICAL DETAILS

PRIMARY MATERIALS	Urethane, Polypropylene Beads					
DOSIMETRIC PROPERTIES	**LOCATION**	**LOCATION THICKNESS**	**FIELD SIZE**	**ATTENUATION 6 (MV)**	**ATTENUATION 18 (MV)**	**PROTON WATER EQUIVALENCY (R80)**
	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.					
RIGIDITY	Provides up to 90% more rigidity than prior CQ Medical Vac-Lok (cream colored) cushions.					

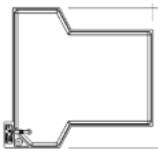
TECHNICAL DRAWING (RECTANGULAR VAC-LOK CUSHIONS)



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	VLF15	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	VLFBB01	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

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