Vac-Lok™ Cushions
Nylon & Nylon with Indexing

TECH DATA SHEET



PRODUCT NAME	Vac-Lok Cushions
PRODUCT NUMBER	See Technical Details on next page
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 STATUS	MR Conditional – Product poses no known hazard in 1.5T and 3.0T MR environments. Vac-Lok valve creates minimal image artifact.
INTEGRATION	2 and 3-Pin Indexable to Couchtop (cushions with indexing bars only)
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	Polyurethane-coated Nylon, 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	.96%	.70%	2.7 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.					

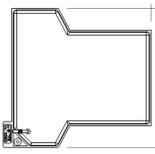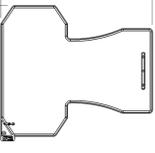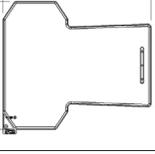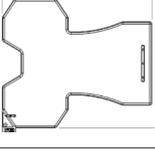## TECHNICAL DRAWING (RECTANGULAR VAC-LOK CUSHIONS)
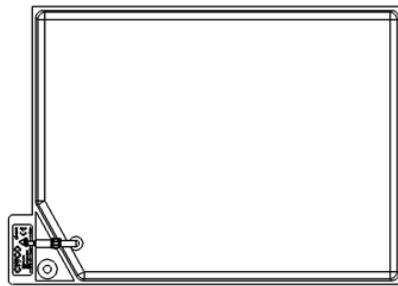
Nylon
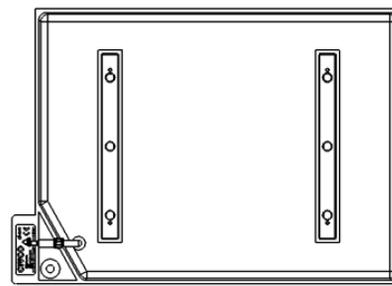
Nylon w/ indexing

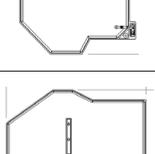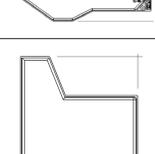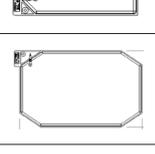| DIMENSIONS	FILL (LITERS)	PRODUCT NUMBER (NYLON)	PRODUCT NUMBER (NYLON W/ INDEXING)	WEIGHT (APPROX)	
25 x 50 cm	2.25	VLE225C	-	1.3 lbs	(0.59 kg)
50 x 70 cm	15	VLF15C	VLF15FC	3.2 lbs	(1.45 kg)
70 x 70 cm	20	VLJ20C	VLJ20FC	3.9 lbs	(1.77 kg)
70 x 100 cm	26	VLG26C	VLG26FC	5.0 lbs	(2.26 kg)
70 x 100 cm	35	VLG35C	VLG35FC	6.1 lbs	(2.77 kg)
70 x 100 cm	40	VLG40C	VLG40FC	6.8 lbs	(3.08 kg)
75 x 100 cm	21	VLPLV09C	VLPLV09FC	3.7 lbs	(1.68 kg)
75 x 100 cm	28	VLPLV01C	VLPLV01FC	5.1 lbs	(2.31 kg)
75 x 120 cm	25	VLPLV10C	VLPLV10FC	4.5 lbs	(2.04 kg)
75 x 120 cm	34	VLPLV02C	VLPLV02FC	5.9 lbs	(2.68 kg)
75 x 150 cm	50	VLFBB01C	VLFBB01FC	8.3 lbs	(3.76 kg)
75 x 180 cm	62	-	VLFBB02FC	10 lbs	(4.54 kg)
100 x 100 cm	40	VLB40C	-	6.8 lbs	(3.08 kg)
100 x 150 cm	80	VLA80C	-	12.6 lbs	(5.72 kg)
100 x 200 cm	90	VLH90C	-	17 lbs	(7.71 kg)

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TECHNICAL DRAWINGS (NON-RECTANGULAR VAC-LOK CUSHIONS)

SHAPE	CUSHION	DIMENSIONS	FILL (LITERS)	PRODUCT NUMBER (NYLON)	PRODUCT NUMBER (NYLON W/ INDEXING)	WEIGHT (APPROX)	
	"T"	87.5 x 140 cm	25	VL14C25	-	4.6 lbs	(2.09 kg)
	"T"	108 x 125 cm	44	-	VL0017	7.4 lbs	(3.36 kg)
	"T"	108 x 125 cm	42	-	VL0018	7.1 lbs	(3.22 kg)
	"T" w/ Handle Cutout	108 x 125 cm	31	-	VL0022	6.4 lbs	(2.90 kg)
	Type-S™	61 x 65 cm	8	-	VLTYS01CX	2.2 lbs	(1 kg)
	Type-S	140 x 65 cm	27	-	VLTYS02CX	4.9 lbs	(2.22 kg)
	Arms Up	75 x 75 cm	20	VLARM01C	VLARM01FC	3.9 lbs	(1.77 kg)
	Arms Up	105 x 75 cm	28	VLARM02C	VLARM02FC	5.1 lbs	(2.31 kg)
	One Arm Up	100 x 80 cm	34	VL04C	-	5.9 lbs	(2.68 kg)
	Wing Board™	88 x 55 cm	15	VLWGB03C	-	2.2 lbs	(1 kg)
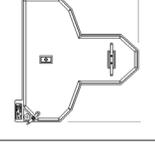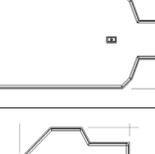
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TECHNICAL DRAWINGS (NON-RECTANGULAR VAC-LOK CUSHIONS)

SHAPE	CUSHION	DIMENSIONS	FILL (LITERS)	PRODUCT NUMBER (NYLON)	PRODUCT NUMBER (NYLON W/ INDEXING)	WEIGHT (APPROX)	
	Wing Board	108 x 55 cm	17	VLWGB04C	-	2.5 lbs	(1 kg)
	Wing Board w/ Head Support Cutout	108 x 55 cm	14	VLWGB05C	-	2.3 lbs	(1 kg)
	Split Leg	60 x 100 cm	15	-	VL71FC	3.2 lbs	(1.45 kg)
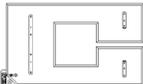
PACKAGING

UNIT PACK	Each
UNITS / BOX	Qty 1
SHELF LIFE	n/a
WARRANTY	See CQ Medical website for Product Warranty Statement
STERILIZATION	Non-Sterile
LAUNCH DATE	May 2018

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