

Respiratory Belt for Body Pro-Lok ONE™ and Body Pro-Lok™

CIVCO RT Technical Data Sheet

 **Body Pro-Lok ONE™**



 **Body Pro-Lok™**



Product Name & Number	Body Pro-Lok ONE Respiratory Belt: BPL026 Body Pro-Lok Respiratory Belt: MTSBRT015
Kits that include this product	Body Pro-Lok ONE Respiratory Belt: BPL100, BPL110, BPLONEUPG3, BPL200, BPL210, BPL220, BPL230, BPL300 Body Pro-Lok Respiratory Belt: MTSBRT320, MTSBRT350, MTSBRT420K
General Description	Provides pneumatic compression and immobilization to the abdominal region.
Indications for use	The device is indicated to assist in the proper positioning of patients for radiation therapy including electron, photon and proton treatments, and simulation including CT and MR image acquisition.
MRI Status	Respiratory Belt Non- clinical testing has demonstrated the Respiratory Belt is MR Conditional. A patient with this device can be safely scanned in an MR system meeting the following conditions: <ul style="list-style-type: none">• Static magnetic field of 1.5 T and 3.0 T• Maximum spatial field gradient of 3,000 gauss/cm (30 T/m)• Maximum MR system reported, whole body averaged specific absorption rate (SAR) of 4 W/kg (First Level Controlled Operating Mode) (cont'd >)

MRI Compatible	<p>Respiratory Belt (cont'd)</p> <ul style="list-style-type: none"> • Under the scan conditions defined above, the device is expected to produce a maximum temperature rise of less than 0.5°C after 15 minutes of continuous scanning. • In non- clinical testing, the image artifact caused by the device extends up to 114mm from the gauge of the Respiratory Belt when imaged with a gradient echo pulse sequence and a 3.0 T MRI System. Image artifact was also observed up to 9mm from the belt clamp (BPL026 and BPL006 only). <p>Respiratory Pump and Gauge</p> <p>Non-clinical testing has demonstrated the Respiratory Pump and Gauge is MR Conditional. A patient with this device can be safely scanned in an MR system meeting the following conditions:</p> <ul style="list-style-type: none"> • Static magnetic field of 1.5 T and 3.0 T • Maximum spatial field gradient of 51,700 gauss/cm (517 T/m)
Integration	<p>BPL026: Connects natively to ONEPlatform™, TotalRT Platform, ONE Rails-Only and Universal Couchtop™</p> <p>MTSBRT015: Connects natively to Body Pro-Lok™ Platforms, TotalRT Platform, Rails-Only and Universal Couchtop with use of an Adapter</p>
FDA Clearance	Yes
CE Marked (EU DOC)	Yes
Other Country Registrations	Available Upon Request
Country of Manufacture	USA

Technical Details

Product Name Body Pro-Lok ONE™ Respiratory Belt

Product Number BPL026

Primary Materials Polyurethane Coated Nylon, White, Black and Cream Acetal

Dosimetric Properties

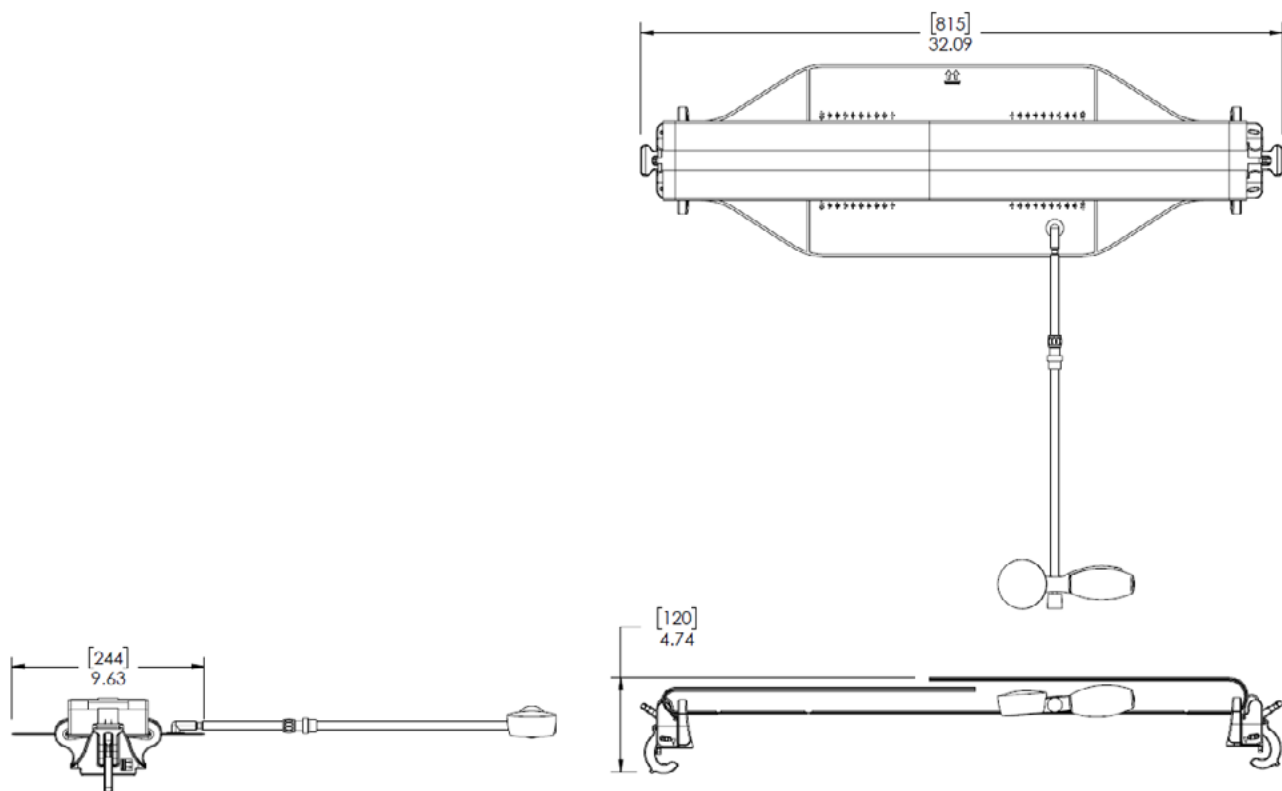


Location	Attenuation 6 MV photons	Attenuation 18 MV photons
● Velcro	2.4%	1.83%
● Strap Nylon	1.14%	1.15%
● Belt Nylon	.79%	.87%

Weight (approx) 0.86 kg / 1.90 lbs

Dimensions (mm) 815 L x 244 W x 120 H (min.)

Technical Drawing



Technical Details

Product Name	Body Pro-Lok Respiratory Belt
Product Number	MTSBRT015
Primary Materials	Polyurethane Coated Nylon, White, Black and Cream Acetal

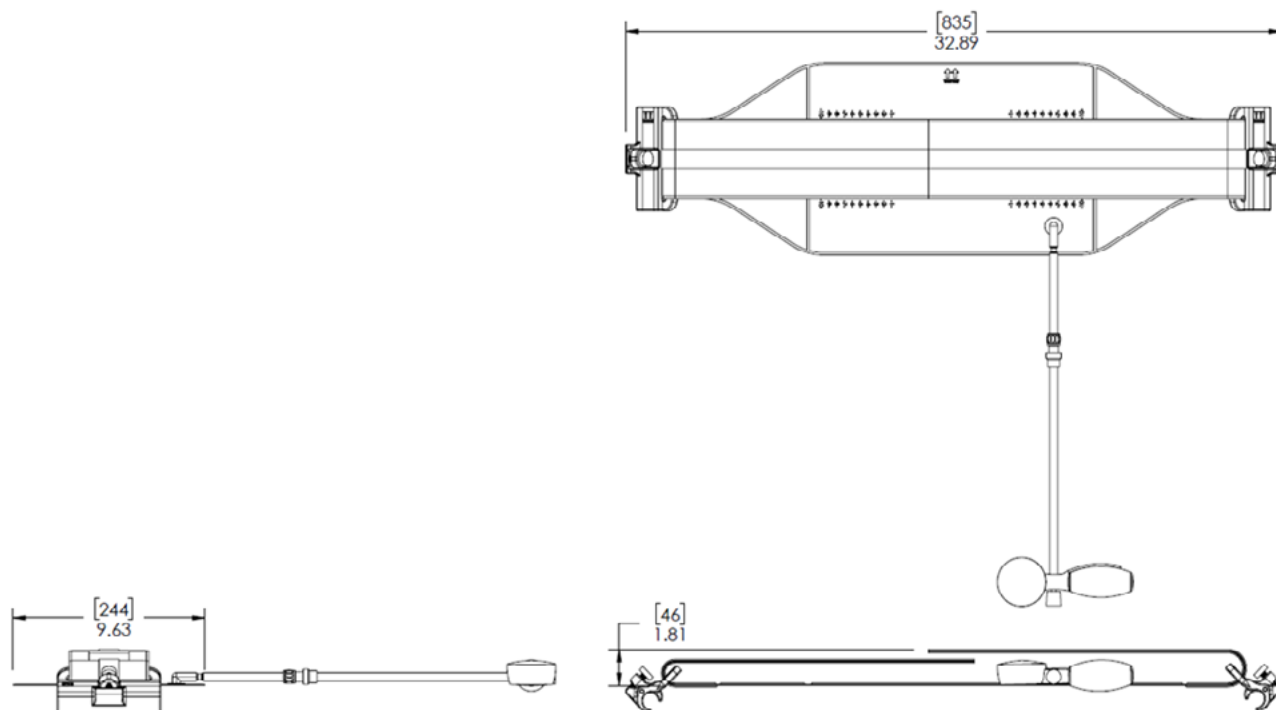
Dosimetric Properties



Location	Attenuation 6 MV photons	Attenuation 18 MV photons
● Velcro	2.4%	1.83%
● Strap Nylon	1.14%	1.15%
● Belt Nylon	.79%	.87%

Weight (approx)	0.86 kg / 1.90 lbs
Dimensions (mm)	835 L x 244 W x 46 H (min.)

Technical Drawing



Packaging

Unit Pack	Each
Units / Box	One device - may have several component parts in box
Shelf Life	n/a
Warranty	See CIVCO RT website for Product Warranty Statement
Sterilization	Non-Sterile
Launch Date	January 2021

Global Sales Office

Orange City, Iowa, USA
800.842.8688 | +1 712.737.8688

info@CivcoRT.com
www.CivcoRT.com

COPYRIGHT © 2022. CIVCO IS A REGISTERED TRADEMARK OF CIVCO MEDICAL SOLUTIONS. BODY PRO-LOK, BODY PRO-LOK ONE, CIVCO RADIO THERAPY, CIVCO RT, ONE PLATFORM AND UNIVERSAL COUCHTOP ARE TRADEMARKS OF MEDTEC LLC. ALL OTHER TRADEMARKS ARE PROPERTY OF THEIR RESPECTIVE OWNERS. ALL PRODUCTS MAY NOT BE LICENSED IN ACCORDANCE WITH CANADIAN LAW.
2020C1554 REV B

