

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

## CIVCO Technical Data Sheet



<b>Product Name &amp; Number</b>	Body Pro-Lok ONE Respiratory Belt: <b>BPL026</b> Body Pro-Lok Respiratory Belt: <b>MTSBRT015</b>
<b>Kits that include this product</b>	Body Pro-Lok ONE Respiratory Belt: <b>BPL100, BPL110, BPLONEUPG3, BPL200, BPL210, BPL220, BPL230, BPL300</b> Body Pro-Lok Respiratory Belt: <b>MTSBRT320, MTSBRT350, MTSBRT420K</b>
<b>General Description</b>	Provides pneumatic compression and immobilization to the abdominal region.
<b>Indications for use</b>	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.
<b>MRI Compatible</b>	<b>Respiratory Belt</b> 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"><li>• Static magnetic field of 1.5 T and 3.0 T</li><li>• Maximum spatial field gradient of 3,000 gauss/cm (30 T/m)</li><li>• Maximum MR system reported, whole body averaged specific absorption rate (SAR) of 4 W/kg (First Level Controlled Operating Mode) <b>(cont'd &gt;)</b></li></ul>

<b>MRI Compatible</b>	<p><b>Respiratory Belt (cont'd)</b></p> <ul style="list-style-type: none"> <li>• 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.</li> <li>• 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).</li> </ul> <p><b>Respiratory Pump and Gauge</b></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"> <li>• Static magnetic field of 1.5 T and 3.0 T</li> <li>• Maximum spatial field gradient of 51,700 gauss/cm (517 T/m)</li> </ul>
<b>Integration</b>	<p><b>BPL026:</b> Connects natively to ONEPlatform, ONE Rails-Only and Universal Couchtop</p> <p><b>MTSBRT015:</b> Connects natively to Body Pro-Lok Platforms, Rails-Only and Universal Couchtop with use of an Adapter</p>
<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

**Product Name** Body Pro-Lok ONE™ Respiratory Belt

**Product Number** BPL026

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

## Dosimetric Properties

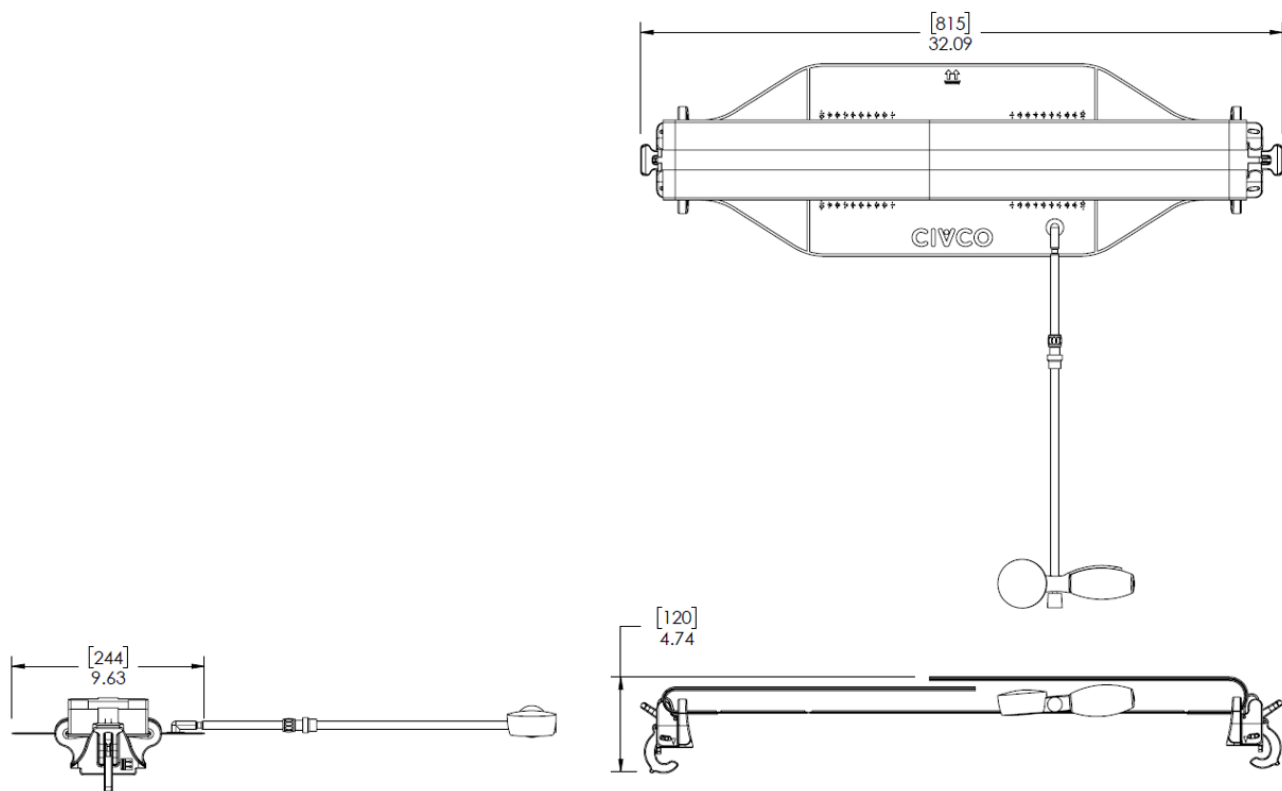


Location	Attenuation 6 MV photons	Attenuation 18 MV photons
● Velcro	2.4%	1.83%
● Strap Nylon		1.15%
● Belt Nylon	.79%	.87%

**Weight (approx)** 30.4 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

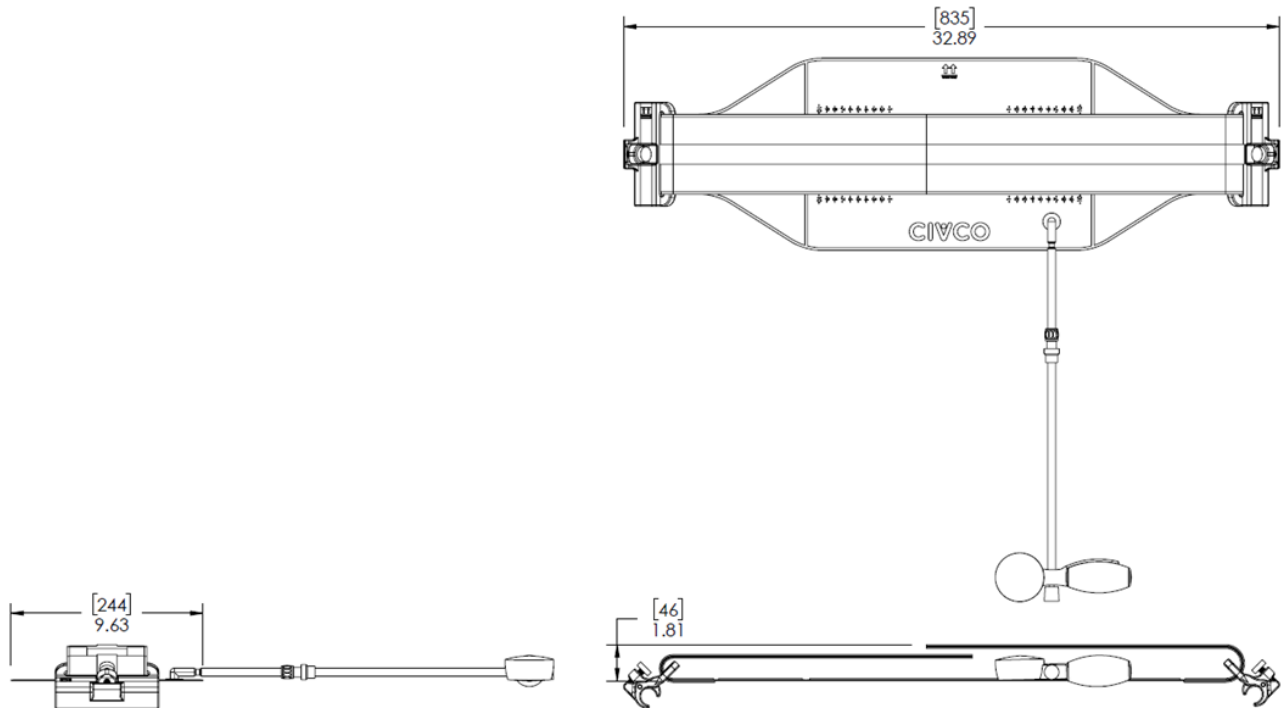


Location	Attenuation 6 MV photons	Attenuation 18 MV photons
● Velcro	2.4%	1.83%
● Strap Nylon	1.14%	1.15%
● Belt Nylon	.79%	.87%

**Weight (approx)** 30.4 kg / 1.90 lbs

**Dimensions (mm)** 835 L x 244 W x 46 H (min.)

## Technical Drawing



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# Packaging

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

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## Global Sales Office

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