

OWNER'S MANUAL



THERABAND[®] VECTOR

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LIMITED WARRANTY

© 2021 Kayezen LLC by TheraBand. All rights reserved. TheraBand™ is a trademark of TheraBand, LLC. Any use of this trademark without the express written consent of Kayezen LLC by TheraBand, LLC or its affiliated companies is forbidden. **READ Kayezen WARRANTY TERMS AND CONDITIONS SET FORTH BELOW PRIOR TO USING Kayezen PRODUCTS. BY INITIAL USE OF Kayezen PRODUCTS YOU ARE CONSENTING TO BE BOUND BY THE FOLLOWING WARRANTY TERMS AND CONDITIONS.** Kayezen LLC by TheraBand (“TheraBand”) warrants to the original buyer of all new equipment purchased from Kayezen, a Kayezen Authorized Dealer or from a Kayezen Authorized Manufacturing Contractor that these products will be free from defects in material and workmanship under normal use and service for the following periods and in the following respects:

THIS LIMITED WARRANTY DOES NOT COVER AND NO WARRANTY IS GIVEN WITH RESPECT TO:

- Products not manufactured by Kayezen LLC.
- Products which are altered without the express written consent of Kayezen LLC.
- TheraBand TVTs which have been stretched, extended, or forced beyond stopping point (See Section 4.4).
- Products purchased other than directly from Kayezen LLC.
- Products that are not maintained in compliance with the Kayezen LLC specifications as shown in the Owner’s Manual and on product labels.
- Products with a missing, unreadable or altered serial tag.
- Labor for components beyond their warranty coverage.
- Products with cosmetic damage including but not limited to, scratches and dents.

THERABAND PRODUCTS WARRANTY

**■ VECTOR and Kayezen
branded accessories:
One year from delivery date**

**■ TheraBand VECTOR TUBES
(“TVTs”): 60 days from delivery date**

**■ VECTOR must only be used
with TheraBand certified accessories**

- Onsite service calls to provide technical training on the proper use and servicing of the equipment.
- Freight and handling costs related to the repair of equipment.

This warranty applies under the following conditions:

- Products have not been subjected to misuse, abuse, modifications not authorized by TheraBand or any damage caused by improper handling, natural disasters, acts of God and servicing by non-authorized dealers. This includes the application of cleaning materials or lubricants not specified by TheraBand.
- Products remain in possession of the original purchaser.
- Warranty claims are made within the warranty periods previously shown and that such claims occur within 30 days after the date of discovery.
- Labor coverage applies only within the United States and Canada.
- Warranties for parts and labor may vary outside the United States. Contact the TheraBand Authorized Dealer within your geographic area for warranty terms.

All warranty periods begin to run from the date of delivery to the original purchaser. The obligation of TheraBand under this warranty is limited to repairing or replacing warranted defective parts, as TheraBand may elect, without charge to purchaser for either parts or labor.

Purchaser is responsible for all transportation and insurance costs on returned or replaced equipment to and from TheraBand's warehouse.

Any implied warranty, including but not limited to the implied warranty of fitness for a particular purpose and the implied warranty of merchantability, is limited to one-year duration from the date of delivery to the original purchaser. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. The remedy of repair and replacement is the exclusive and sole remedy of the purchaser. TheraBand shall not be liable for any special, incidental, contingent or consequential damages of any kind, including, but not limited to, damage or loss of property or equipment and lost profits and revenue. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

No action for breach of this written limited warranty or an implied warranty shall be commenced more than one year after the accrual of the cause of action. This written limited warranty is the complete, final and exclusive agreement of the parties with respect to the quality or performance of the goods and any and all warranties and representations. No modifications of this limited warranty or waiver of its terms shall be binding on either party unless approved in writing by an authorized corporate officer of TheraBand. This limited warranty gives you specific legal rights, and you may also have other rights which may vary from state to state. Contact KAYZEN by TheraBand, clientsuccess@kayezen.com for a list of authorized dealers before returning any defective equipment.

SAFETY WARNINGS

All precautions should be taken to minimize the risk of injury and to prevent damage to the equipment. Read the entire Owner's Manual before using the VECTOR and always observe the following safety precautions.

SERIOUS INJURY OR DEATH CAN OCCUR WHILE USING THIS PRODUCT IF PRECAUTIONS ARE NOT OBSERVED. READ ALL INSTRUCTIONS BEFORE USING THIS EQUIPMENT.

⚠ DANGER

SERIOUS INJURY AND/OR DEATH WILL OCCUR IF THE FOLLOWING PRECAUTIONS ARE NOT FOLLOWED

⚠ WARNING

SERIOUS INJURY AND/OR PROPERTY DAMAGE MAY OCCUR IF THE FOLLOWING PRECAUTIONS ARE NOT FOLLOWED

- Before each use remove cover and review all warnings on internal shaft.
- The VECTOR must be attached to an anchor point that is capable of resisting loads of at least 91 Kg.
- Connect the VECTOR to an anchor point using only carabiners load rated for at least 91 Kg or those supplied by TheraBand. TheraBand assumes no liability for damage or injury caused by carabiners supplied by any third party.
- Never pull TVTs beyond stopping point.
- Never release Cap Assembly from extended position
- Inspect TVTs weekly. Replace any TVTs that appear worn or abraded prior to use.
- Replace all TVTs every six months or sooner if they appear worn or abraded.
- Keep children under age 13 away from this machine. Supervise use by teenagers.
- Use VECTORS with only Kayezen certified accessories.
- Obtain a medical exam before beginning an exercise program.
- Stop exercising immediately if you feel pain, become dizzy, faint or short of breath.
- DO NOT use if the product appears damaged or inoperable. Report problems to staff if using in a commercial environment.
- Obtain instruction and/or refer to the manual before using. Read all warnings before using.
- Avoid contact between the Cover Tube and any fixed object when in use. Breakage and injury may result.
- Keep hair, body parts and clothing clear of moving parts.



⚠ CAUTION

INJURY AND/OR PROPERTY DAMAGE MAY OCCUR IF THE FOLLOWING PRECAUTIONS ARE NOT FOLLOWED

- Do not attempt any maintenance or repair procedure unless you are qualified and equipped to perform the procedure properly and safely.
E-Mail: clientsuccess@kayezen.com
- Make sure that the exercise area around the equipment is clear of any obstructions or tripping hazards prior to exercising on the equipment.
- Make sure that the floor around the equipment is dry and free of any materials or liquids that may make the floor slippery.

SAVE THIS MANUAL FOR FUTURE REFERENCE



INTRODUCTION

2.1 Overview

This section contains a general overview of the VECTOR resistance technology and information about how to Service and Support.

Thank you for purchasing the VECTOR by TheraBand.

The VECTOR is intended for use both indoors and outdoors in physical therapy, sports performance and fitness environments.

Heed all warnings and cautions when operating or maintaining the VECTOR. Contact a qualified service technician for any procedure that you cannot perform correctly, completely, and safely.

Follow all instructions carefully.

The VECTOR is intended for use in sports training, health clubs, gyms, active aging, and physical therapy facilities. It has been tested and complies with U.S. and International safety and durability requirements for use in both home and commercial environments. This manual will help you discover and use the equipment's features.

The patented VECTOR offers a number of significant benefits including:

- Before each use remove cover and review all warnings on internal shaft.
- The ability to change the Weight Equivalent Pull (WEP) level by simply turning the cap at the top of the VECTOR to select one of three user configurable resistance levels.
- Fast connect / disconnect from anchor points via a carabiner.
- Improved user safety through use of TVTs. Kevlar® cords inside each elastic tube limit how far the tube can be stretched during use and reduce a risk of a band from “snapping back” at the user in the event of a tube failure.
- Outer removable cover that protects the TVTs from UV exposure, dirt, debris, and contaminants.
- Ability to easily customize the WEP of the VECTOR by changing out TVTs which are available in different resistance levels. The following chart shows approximate maximum WEP for various configurations and maximum allowable stretch. Note that the WEPs are approximate only – the WEP may vary due to manufacturing tolerances, age of the TVTs, number of pull cycles on the TVTs, and what percentage of maximum pull length the cycles were accumulated at (to name some of the variables that will affect the WEP). Also note that the WEPs shown are just prior to the TVTs being stretched to the length of the internal Kevlar – once the TVTs are stretched to the length of the internal Kevlar cord, the load will increase instantaneously if the user attempts to continue stretching the TVTs.



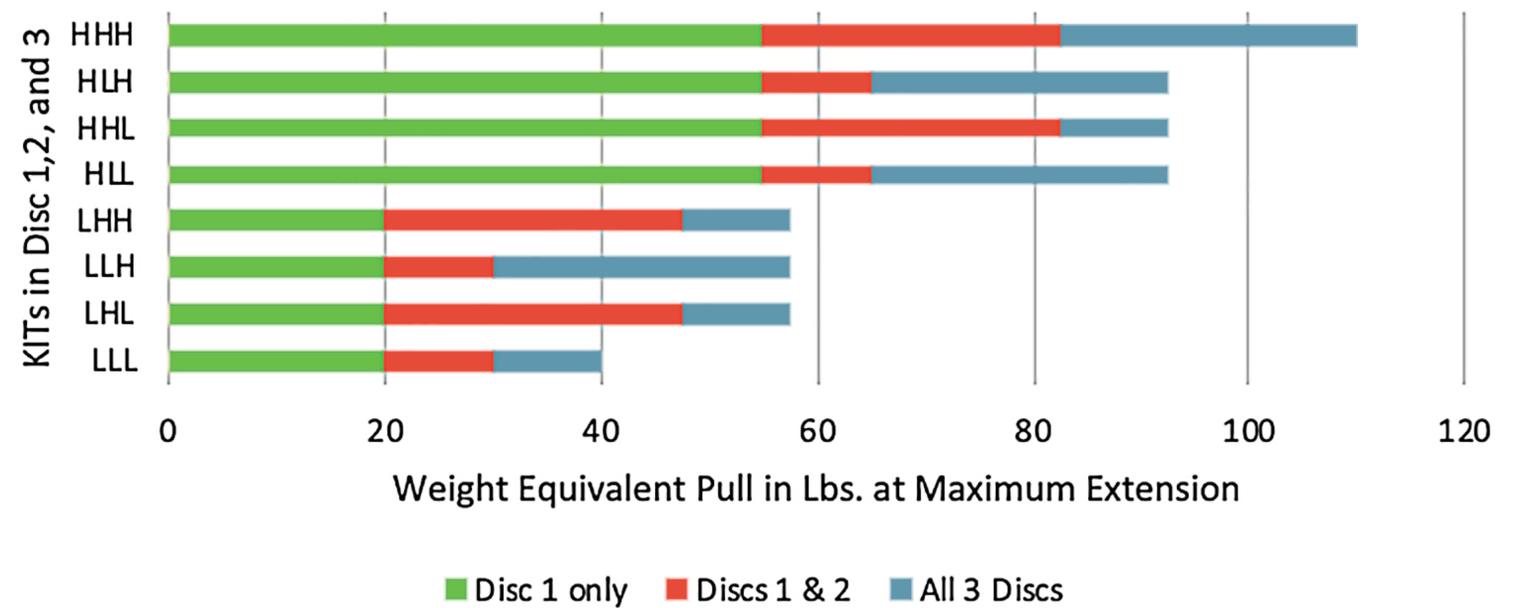
The following charts show the approximate WEP for standard and Group exercise VECTORS.

The vertical axis of the chart is for the various ways the VECTOR can be configured with the first letter being the TVTs in disc 1 (L=Light, H=Heavy), second letter is the TVTs in disc 2 and third letter is the TVTs in disc 3.

Visit our website regularly: www.kayezen.com for updates to this manual, important safety notices, mandatory service bulletins, latest product offerings and new exercise moves and routines to optimize your TheraBand experience.

Kevlar® is a registered trademark of E.I. du Pont de Nemours and Company

Approximate Weight Equivalent Pull Standard Vectors



2.2 Service and Contact Information

HOW TO OBTAIN PRODUCT SERVICE

1. Verify the symptom and review the operating instructions. The problem may be unfamiliarity with the product and its features and workouts.
2. Locate and write down the serial number of the unit, which is located on the center shaft of the product.
3. Kayezen LLC
E-Mail: clientsuccess@kayezen.com

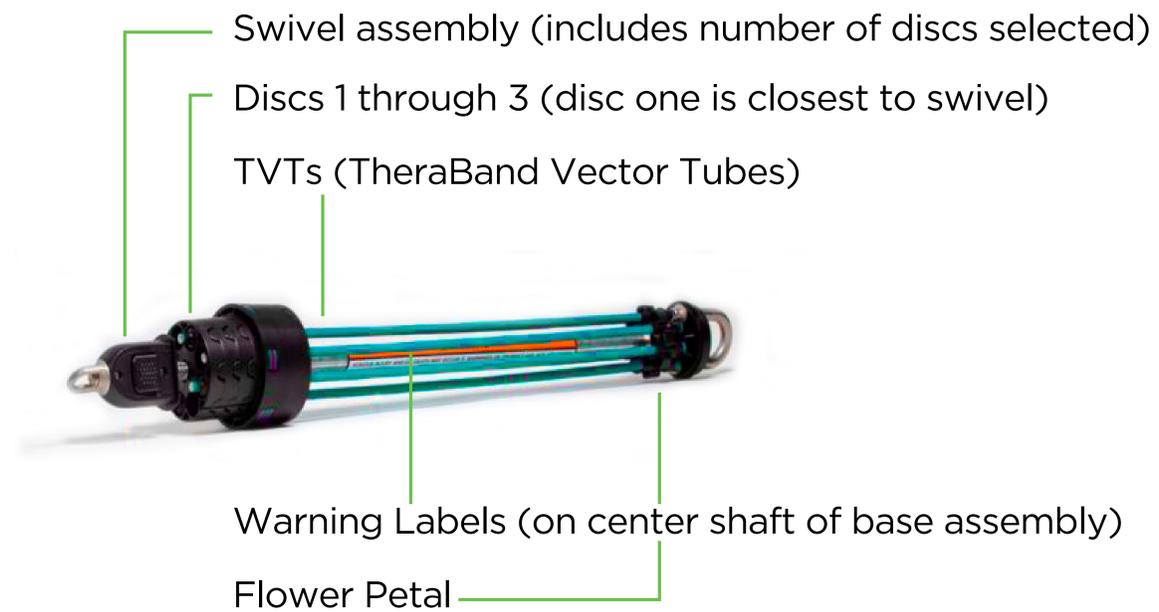


NOMENCLATURE

The following illustrations show the names for various components of the VECTOR as used in this manual.



Internal View - Cap and removable cover not shown



4 OPERATING INSTRUCTIONS

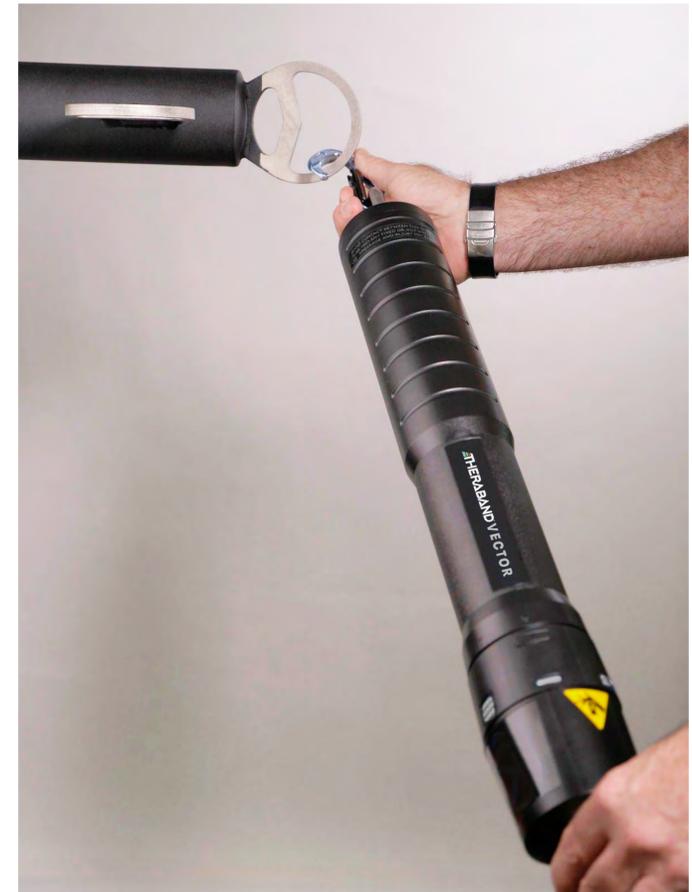
The VECTOR is shipped fully assembled and ready to use. Simply remove the VECTOR and all accessories from the packaging and dispose of the packaging in a proper manner. Accessories provided with the VECTOR will depend on the particular SKU purchased. A video showing how to use a VECTOR is also available at www.kayezen.com.

4.1 Attach the VECTOR to an appropriate anchor point via the carabiner loop using the carabiner provided by TheraBand.

⚠ WARNING

- VECTOR must be attached to an anchor point that is capable of resisting loads of at least 91 Kg.
- Connect the VECTOR to an anchor point using only carabiners load rated for at least 12Kn or those supplied by TheraBand. TheraBand assumes no liability for damage or injury caused by carabiners supplied by any third party.

4.2 Attach the TheraBand certified accessory for the exercise being performed to the swivel loop at the top of the cap assembly. This will usually be a handle to allow gripping with the hand, but may be a variety of accessories to allow resistance to be applied to various points on the body.



4

4.3 Select the WEP level desired for the exercise by rotating the cap assembly to engage 1, 2, or 3 discs. Note: Do not pull the cap assembly up when rotating the cap. (Reference WEPs levels shown in the User's Manual in Section 2.1). Picture illustrates 2 discs being selected as indicated by the 2 blue lines shown under the arrow at the bottom of the TheraBand logo.



4.4 Perform the exercise by pulling the TheraBand certified accessory out to the desired range of motion and back to the start of the desired range of motion. Repeat as desired.



⚠ WARNING

Never pull TVTs beyond stopping point.

4.5 Complete the exercise by returning the cap assembly to its home position resting on the base assembly.

⚠ WARNING

Never release cap assembly from extended position.



INSPECTION & PART REPLACEMENT

This section provides information on the routine inspection of the VECTOR, along with replacement of Normal wear components.

5.1 Inspecting TVTs

⚠ WARNING

TVTs must be inspected weekly for wear and abrasion. Replace any TVTs that are questionable.

The following procedure is for inspecting the TVTs. Section 5.2 provides instructions on the procedure for replacing TVTs.

5.1.1 Remove outer removable cover by pushing the cover slightly toward the swivel end of the VECTOR. The cover is shown in the picture in the locked position where the arrow on the upper portion of the base assembly aligns with the locked lock icon on the removable cover.



5.1.2 With the removable cover pushed toward the swivel end of the VECTOR, rotate the tube counter-clockwise (as viewed from the carabiner loop end) until the arrow on the base assembly aligns with the unlocked lock icon to release the cover. Slide the cover off the VECTOR over the carabiner attachment loop.





5.1.3 Visually inspect each TVTs for signs of abrasion or “pilling” on the surface of the tube concentrating on the portion of the TVT nearest the swivel end of the VECTOR. Picture shows a TVT that has snapped with protective Kevlar string intact.

5.1.4 Replace any TVTs necessary following the procedure in section 5.2.

5.1.5 Re-install the removable cover by sliding the removable cover over the carabiner attachment loop. Align the arrow on the base assembly with the unlocked lock icon and push the removable cover against the upper portion of the base assembly until it stops.

5.1.6 Lock the cover by rotating the cover until the arrow on the base assembly aligns with the locked lock icon while the removable cover is pushed toward the swivel end of the VECTOR.





5.2 Replacing single or multiple TVTs

⚠ WARNING

- Inspect TVTs weekly. Replace any TVTs that appear worn or abraded prior to use.
- Replace all TVTs every six months or sooner if they appear worn or abraded.

The following section provides instructions on replacing single or multiple TVTs. A video showing how to replace a TVT is also available at www.kayezen.com.

5.2.1 Release cap by squeezing cap release tabs together.



5.2.2 Remove cap by sliding cap toward swivel with the cap release tabs depressed until top of cap is past the bottom of the cap release tabs. Slide cap off of the end of the VECTOR.



Completely remove the TVT from the VECTOR. DO NOT remove more than one TVT at a time. Removal of multiple TVTs may cause disc assembly to become unseated making reassembly much more difficult.





5.2.3 Remove outer removable cover by pushing the cover slightly toward the swivel end of the VECTOR. The cover is shown in the picture in the locked position where the arrow on the upper portion of the base assembly aligns with the locked lock icon on the removable cover.



5.2.4 With the removable cover pushed toward the swivel end of the VECTOR, rotate the tube counter-clockwise (as viewed from the carabiner loop end) until the arrow on the base assembly aligns with the unlocked lock icon to release cover. Slide the cover off of the VECTOR over the carabiner attachment loop.



5.2.5 Release the VECTOR tube from the flower petal by pulling the ball end of the TVT slightly toward the carabiner attachment loop and out from the center shaft.





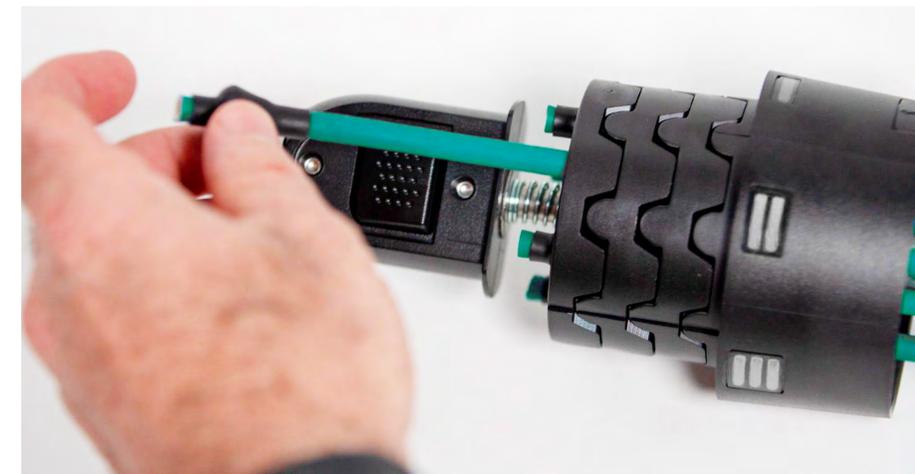
5.2.6 Push the released TVT slightly through the discs toward the swivel end of the VECTOR until the cone end of the TVT is accessible, then pull the TVT out through the disc assembly.

5.2.7 Completely remove the TVT from the VECTOR. DO NOT remove more than one TVT at a time. Removal of multiple TVTs may cause disc assembly to become unseated making reassembly much more difficult.

5.2.8 Take a new TVT and thread the ball end of the TVT through the empty holes in the disc assembly.

5.2.9 Pull the ball end to the carabiner attachment loop end of the VECTOR until the ball is slightly past the lower surface of the flower petal. Secure the TVT by moving the ball end of the TVT toward the center shaft until the TVT is inside the aperture of the flower petal. Release the ball end of the TVTs.

5.2.10 Repeat steps 5.2.5 through 5.2.9 for as many TVTs as necessary.





5.2.11 Re-install the removable cover by sliding the removable cover over the carabiner attachment loop. Align the arrow on the base assembly with the unlocked lock icon and push the removable cover against the upper portion of the base assembly until it stops.



5.2.12 Lock the cover by rotating the cover until the arrow on the base assembly aligns with the locked lock icon while the removable cover is pushed.



5.2.13 Replace the cap by sliding it over the swivel assembly until the cap release tabs snap back to their home position securing the cap in place.



MAINTENANCE & TROUBLESHOOTING

This section provides information on preventative maintenance and troubleshooting that can be done by the user.

6.1 Preventive Maintenance Tips

Keep the equipment out of use until defective parts are repaired or replaced. Pay special attention to parts that are subject to wear, as outlined below. The following preventive maintenance tips will keep the VECTOR operating at peak performance:

- When cleaning the exterior of the unit, a non-abrasive cleaner and soft cotton cloth are strongly recommended. Contact Kayezen Customer Service for more details. Apply cleaner to the cotton cloth before cleaning.
- DO NOT use ammonia or acid based cleaners.
- DO NOT use abrasive cleaners.
- DO NOT use paper towels.
- DO NOT apply cleaner to decals.

6.2 Preventive Maintenance Schedule

Follow the schedule below to ensure proper operation of the product. If any of the inspections listed below reveal indications of excessive wear or degradation, those components should be replaced by a qualified service representative immediately.

Item	Weekly	Monthly	Qtrly	Semi-Annual	Annual
Inspect TVTs for wear	✓	✓	✓	✓	✓
Replace all TVTs				✓	✓
Inspect carabiner attachment loop for any looseness. <i>If any looseness is found stop using product and contact TheraBand customer service immediately.</i>		✓	✓	✓	✓
Inspect swivel and <i>all plastic components</i> for wear or cracks. <i>If any wear or cracks are found stop using product and contact TheraBand customer service immediately.</i>	✓	✓	✓	✓	✓
Inspect center shaft for looseness to components on both ends of the shaft. <i>If any looseness found stop using product and contact TheraBand customer service immediately.</i>			✓	✓	✓
Inspect carabiner for wear. Replace if worn.		✓	✓	✓	✓

SPECIFICATIONS

Designed usage	Heavy duty commercial facilities including rehab, group exercise, and strength and performance training. Unit is designed to meet in home use per ASTM and CE regulations.
Maximum user weight	Not applicable - unit is not designed to carry body weight.
Maximum load	Maximum WEP developed by the VECTOR is approximately 50 Kg using heavy TVTs at maximum extension. Maximum extension is defined as just prior to the internal Kevlar® cords in the TVTs becoming taut - the stopping point of extension. ⚠️ WARNING Never Pull TVTs Beyond Stopping Point.
Resistance System	TVTs - Elastic tubes with Kevlar® cord run through the center of the tube to limit extension and prevent “snap back” at the user in case of tube failure. TVTs include terminations that facilitate the removal and replacement of the TVTs in the VECTOR.
Power Requirements	None
Case	High Impact Thermoplastic
Attachment rings	Stainless Steel
Length	VECTOR 45 overall length is 61.5 cm VECTOR 60 overall length is 74 cm
Diameter	8 cm
Weight	VECTOR 45 approx. 0.95 Kg VECTOR 60 approx. 1.15 Kg
Shipping Box Dimensions	91.5cm × 10cm × 10 cm
Shipping Weight	VECTOR 45 approx. 1.28 Kg VECTOR 60 approx. 1.42 Kg



 **THERABAND** VECTOR

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