

## **OMS Elastomeric Band Installation Guide**

This guide was prepared for the installation of the platinum cured elastomeric bands used with the OMS 45lb, 60lb and 94lb Retraction Band BC's (Use of bands is optional). Each BC system comes with the following:

- The BC outer shell and internal bladder assembly (pre-assembled)
- Power inflator\corrugated hose
- LP inflator hose
- Owner's manual
- Complete set of 12 retraction bands



The key to proper assembly of this product is to read and understand the manual thoroughly, and to not substitute the elastomeric bands with non-OMS replacement retraction bands from other manufacturers. We at OMS emphasize that the BC must be completely inflated in order to ensure the correct tightness of the bands for even inflation.

Step One: Read the manual that comes with the BC. This guide is for reference only.

Step Two: Stretch each of the 12 bands to their maximum then relax the band. Repeat this process 2-3 times for each band. This process makes the stringing and tying the elastomeric bands easier.



Step Three: Insert each band, one at a time, through each of the twelve outer grommet pairs. See images below.



Step Four: Completely inflate the BC. This is key to getting the elastomeric bands to the correct tightness. Not inflating the BC could result in uneven inflation.



Step Five: With the BC facing you (label side towards you), string one end of each retraction band through their corresponding inner grommet (grommet directly to the right of the outer grommet set you are stringing). Be sure you string the band from the front to the back and tie a square knot on the no-label side. Be sure the knot is snug. Snug is defined as being able to work your finger between the band and BC with little effort. Repeat this process for all 12 grommet sets.



Step Six: Now that all the knots are tied, pull each of them around so that it is safely tucked near the backside of each inner grommet (tank side/no-label side).



Deflate the BC and watch how it deflates evenly around the entire circumference. Now orally inflate the BC to be sure the bands are not too snug. You should be able to orally inflate the BC with little effort. If you cannot orally inflate the BC, loosen the knot.

#### Adjustments:

Your OMS Retraction Band BC is now ready to dive. Be aware that adjustments to the bands can be made in order to change a diver's lateral/horizontal trim. See your BC owner's manual for more information on this. Please be sure you are properly weighted before going on any dive. It is unsafe to dive otherwise.