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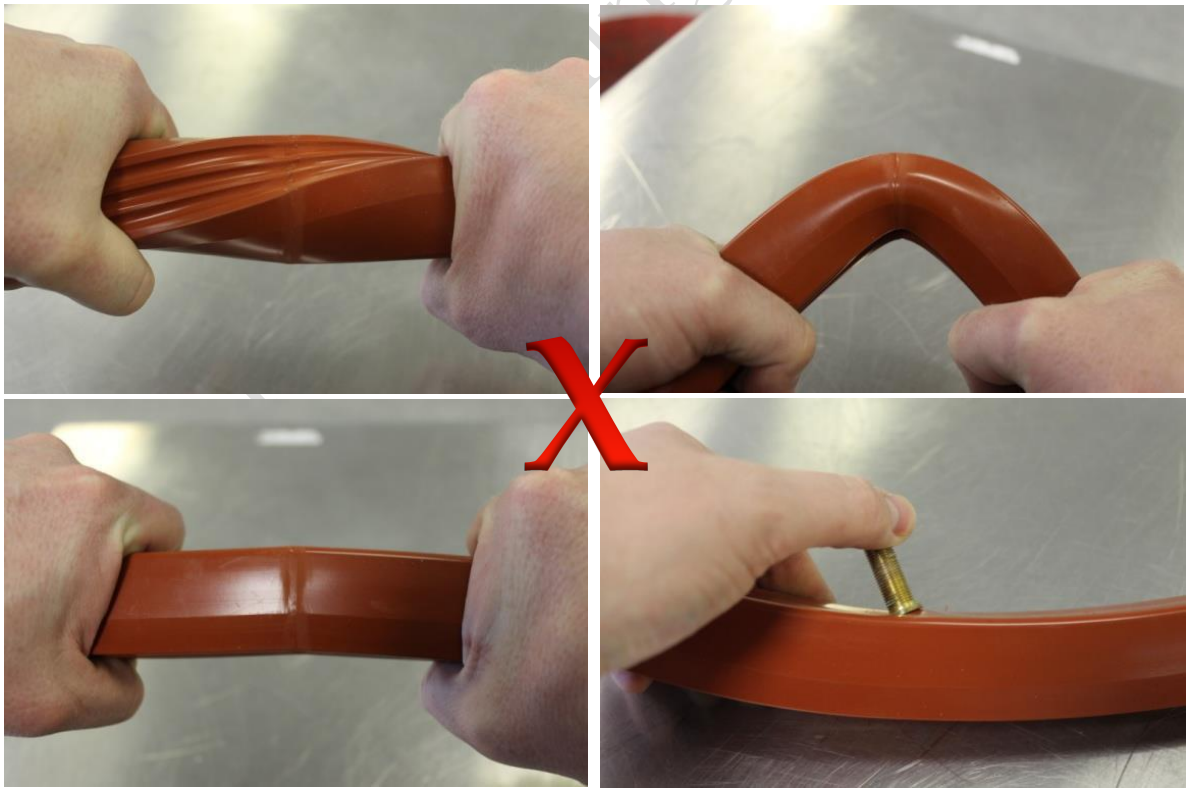
Instruction Manual for Inflatable Seal

Inspection:

The seal may be visually inspected for damage, dimensionally checked and inflation tested (supported). However, please avoid the following:

- Twisting
- Stretching
- Bending of the profile at the vulcanization joint(s) or valve areas
- Un-supported inflation

AST strongly advises that the bulleted points above are not attempted as either of them could result in premature failure of the seal also later on when the seal is in place.



General handling and storage of the seal:

- Should the seal become dirty, we advise that any dirt, grease etc. is removed by means of a clean soft cloth and I.P.A.
- Where possible, the seal should be stored in bags at an ambient temperature (out of the sunlight). Sunlight, UV radiation, and Ozone could lead to aging.
- The seal should not come in contact with hot surface or flames, this could damage the profile material causing it to harden, crack or split.
- The valve should be protected until installation is required to prevent damage.
- It is not advised to place excessive pressure against the valve. Bending to the side or twisting of the valve against the profile wall could damage the bond between the valve and the profile wall resulting in leakage.

Installation of the seal:

- Prior to installation of the seal all housings should be checked to ensure they are free from dirt and grit, any sharp surfaces should be smoothed and any burrs removed to prevent damage to the seal. If welding has been carried out then the welds should be dressed smooth and all weld splatter removed from the housing.
- It is advised, that the valve be fitted in its location first, the rest of the seal can be fitted gradually working down its length or around its circumference away from the valve. However, no stretching should be necessary.
- Sharp tools or implements should not be used under any circumstances to aid installation, it should take minimal pressure by hand to manipulate the seal into its correct position.

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The inflatable seal supplied has been tested in accordance with the AST procedures. However, this seal cannot be guaranteed for its intended use, Advanced Sealing Technology takes no responsibility for failure or degradation.