

VIP Seal Standard Couplings (VSC) Installation Guide

Standard / Extra wide couplings

If repairing an existing section of pipe

1. Cut section from the pipeline using pipe cutter or disc saw and remove. This should be about 20mm longer than the junction or new section of pipe to be installed.
2. Mark off half a coupling width from each joint on each pipe section.
3. Loosen the tension and shear bands on the coupling and then slide the coupling onto each end of the existing pipe line (lubricant not required).
4. Position the new junction or pipe length and centre a coupling over one joint at a time using the marks previously made then begin to tighten up the worm drives, starting with the tension bands followed by the shear band.
5. Check each tension and shear band with a torque wrench to the recommended torque shown on each coupling. Once completed, carefully tamp bedding under the pipeline if applicable.



Adaptor / Drain couplings

Drain Couplings

1. Mark off half a coupling width from each joint on each pipe section.
2. Loosen the tension bands on the coupling and then slide the coupling onto each end of the existing pipe line (lubricant not required).
3. Position the new junction or pipe length and centre a coupling over one joint at a time using the marks previously made then begin to tighten the tension bands.
4. Check each tension band with a torque wrench to the recommended torque shown on each coupling. Once completed, carefully tamp bedding under the pipeline if applicable.

Adaptor couplings

1. Slide the coupling fully onto larger pipe.
2. Measure the depth of the smaller end of the coupling and mark the length on the smaller pipe.
3. Insert the smaller pipe up to the mark and begin to tighten the tension bands.
4. Check each tension band with a torque wrench to the recommended torque shown on each coupling. Once completed, carefully tamp bedding under the pipeline if applicable.



Bushes

Standard coupling using a bush

1. Slide the bush over the end of the smaller pipe, loosen the clamps on the coupling and place over the larger pipe.
2. Butt pipes together and slide over the coupling until the ends are level (lubricant not required).
3. Tighten central shear band and the tension bands to recommended torque.
4. After assembly of joint carefully tamp bedding under the pipeline.

