



duotight

Duotight fittings are an easy way to make leakproof seals quickly and reliably. The female flare fittings are a unique fitting that seals without the use of an o-ring, washer or thread tape.

These flare fittings require a small amount of deformation in the tapered/flared profile so a specific amount of compression is achieved.

This instruction sheet will enable you to easily determine the correct level of seal compression without the need to tighten the fitting excessively.

**Step 1:**

By hand, tighten the female flare (FFL) Duotight fitting onto the male flare (MFL) of the ball lock disconnect or regulator thread. Do this up as tight as you can with your fingers alone.



**Step 2:**

Use a marker and mark both the FFL and MFL sides of the fitting.



### Step 3

Paying attention to the markings in step 2, tighten the duotight fitting with a shifter and rotate the fitting an additional 180 degrees so the two markings are on opposite sides.



### Step 4

Submerge the whole disconnect in a glass of water while the fitting is at 30psi and check for leaks/bubbles. If any bubbles are detected, repeat step 3 and rotate the fitting by another 90 degrees.

