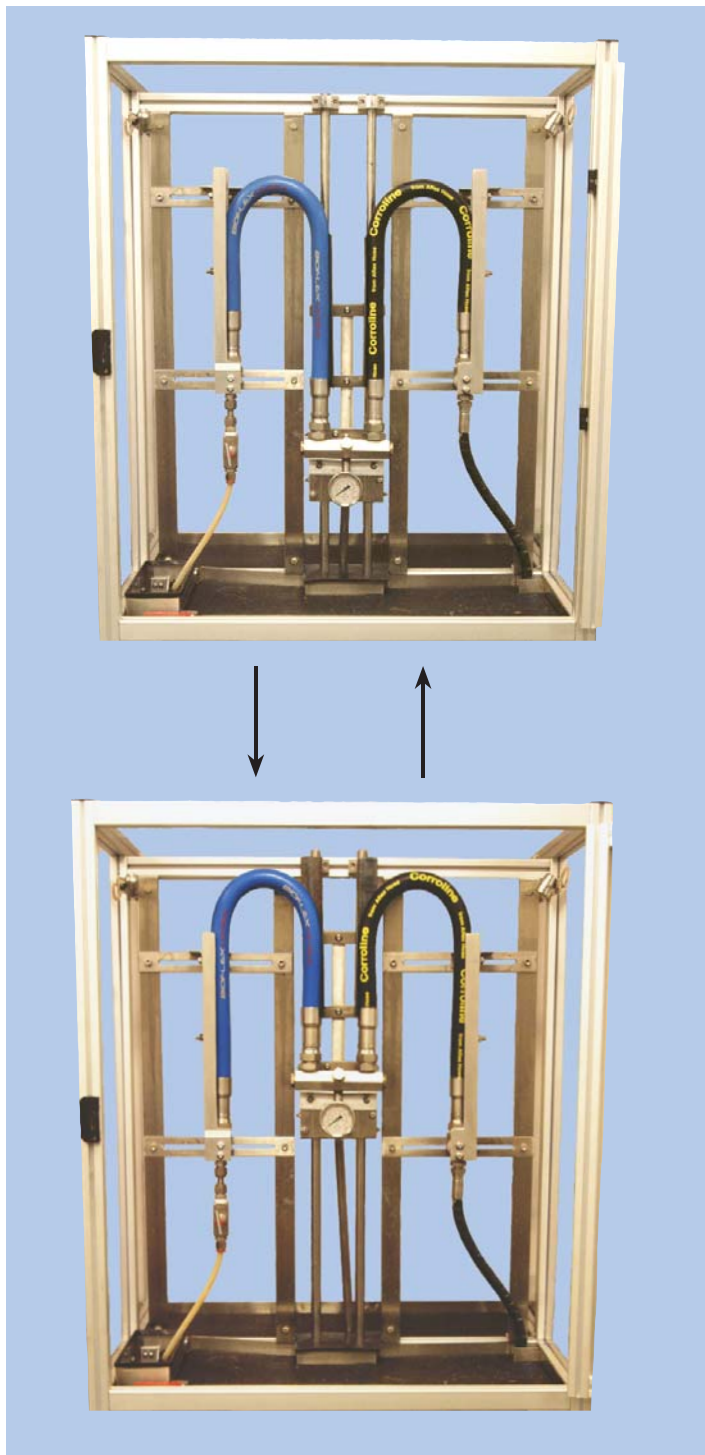


Bioflex Ultra Hose: Special Test Program



Bioflex Ultra has been designed to fulfil the most demanding of customer expectations and, as such, has been subjected to a rigorous Accelerated Service Life Testing Programme in comparison with competitive hose products.

The 'Rolling U' Test.

Bioflex Ultra samples were run side by side with competitors' products, including smoothbore FEP, PTFE or PFA lined Rubber hose products, and also smooth flex products, on a 'Rolling U' test rig.

The 1" bore samples were "Rolled" at the minimum bend radius and at the maximum working pressure quoted for the competitor's product.

Results were as follows:

- **Rubber Covered Bioflex Ultra Hose**
 - 300,000 cycles, no failure.
 - No leakage occurred, so test discontinued. No signs of damage, or wear.
- **Competitor's smooth bore FEP lined Rubber Covered Hose**
 - 9,149 cycles to failure.
 - Hose leakage caused by severe failure of the hose liner, breakage of the helix wire and damaged rubber and braid.
- **Competitor's convoluted smooth flex type hose, SS Braid**
 - 7,151 cycles to failure.
 - Hose leakage caused by very severe failure of the hose liner and braid components.

These remarkable results confirm the claims made by Aflex, that Bioflex Ultra is the best designed, toughest and most reliable PTFE lined hose product available today.

A video of the 'Rolling U' Test can be viewed on request from Aflex Hose