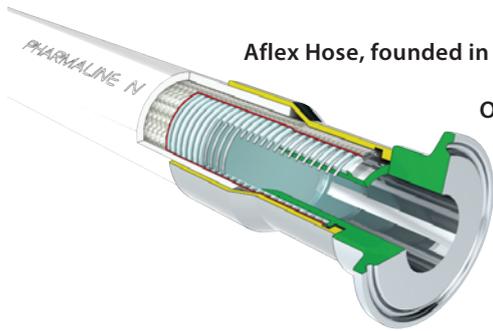


## The World's Leading Manufacturer of PTFE Flexible Hose



Aflex Hose, founded in 1973, pioneered the concept of PTFE lined flexible hose for the transfer of process fluids.

Over the years since then, hundreds of thousands of custom-built PTFE Lined hoses have been designed and manufactured by Aflex Hose to cope with the most difficult of operating conditions, and Aflex have continuously developed and expanded their product range having pioneered and introduced Antistatic hose, EPDM and Silicone Rubber Covered hose and many other innovations in response to customer demands.

### Total Manufacture

The primary reason for the success of the Aflex Hose range of products is that Aflex is the only PTFE hose company in the world to carry out all the hose design and manufacturing operations in house, from raw materials to finished products, at Aflex Hose plants in Yorkshire (UK) and Pennsylvania (USA).

- PTFE powder is extruded into tube and convoluted.
- Stainless steel wire is wound and braided onto the tube.
- Rubber extruders are used to apply external covers.
- End fittings are machined from bar stock on state of the art CNC lathes.
- And, finally, the hoses are assembled to individual customer requirements.

Because Aflex Hose perform all these operations in house, Aflex is able to achieve unbeatable levels of build quality, design excellence and economy of scale, which are unmatched by our competitors.

### Pharmaline N and X Hose Design

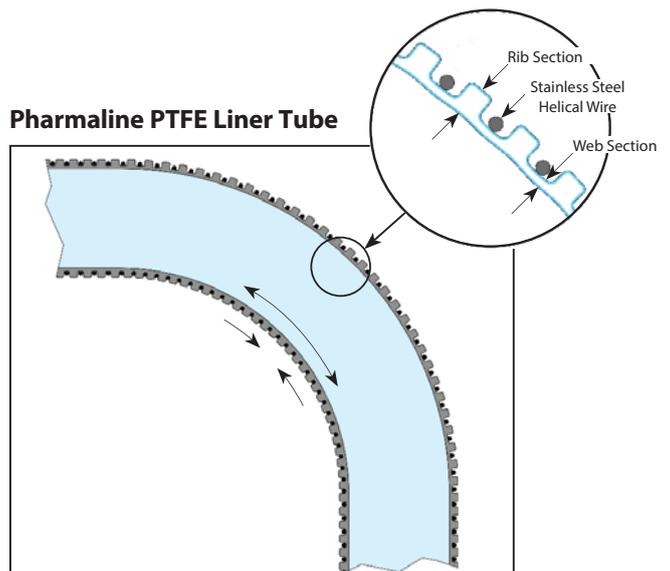
Pharmaline and Pharmalex hose were developed and introduced by Aflex Hose in 2005, specifically to provide customers with a new smooth bore, silicone covered PTFE lined hose which had better flexibility than the other products which were available commercially.

In response to customers requests, Pharmaline N and X hoses have been designed and introduced to replace Pharmaline and Pharmalex with hoses that have further improved flexibility and kink resistance. At the heart of the Pharmaline hose designs is the PTFE liner tube, smoothbore on the inside and convoluted on the outside. Most of the sizes now include a 316 SS helical reinforcing wire wound in to the convolutions, as well as an improved convolution profile. These support the tube against the effects of severe flexing and vacuum.



Technically trained Aflex Hose Sales Staff are available to respond quickly and effectively to every kind of enquiry, and to advise the optimum hose solution for any application.

### Pharmaline PTFE Liner Tube



The internal surface around the inside of the bend is kept smooth by the axial compression of the rib sections against the helix wire - See 'The Inside Story' in the 'videos' section of our website [www.aflex-hose.com](http://www.aflex-hose.com).