

# AFLEX HOSE - 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 more than 35 years ago.

Corroflon convoluted, together with Bioflex and Corroline smooth bore PTFE hose and other types of PTFE hose, manufactured and supplied by Aflex, are used by major Chemical, Pharmaceutical and Food companies worldwide.

Over the years, hundreds of thousands of custom-built hoses have been designed and built 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, Polypropylene Braided hose, integral PTFE lined end fittings and many other innovations in response to customer demands.

The full range of PTFE lined hose products manufactured by Aflex Hose is available on the Aflex Hose website at: [www.aflex-hose.com](http://www.aflex-hose.com).

## Aflex Hose and Bioflon

Aflex Hose first developed and marketed the Bioflon Hose Product Range in all sizes up to 3" in 1995. This product range was withdrawn in 2000, due to the introduction of Bioflex and Corroline, which have a smooth bore like Bioflon, but are much more flexible.

Bioflex and Corroline, however, are only available in bore sizes up to 2", and customers have called upon Aflex to also provide a smooth bore PTFE lined hose product to complement the Corroline Hose range in the larger bore sizes, 2 1/2" and 3".

There are technical difficulties associated with extending the Corroline range up to 3" bore, and so it has been decided that Aflex should re-introduce 2 1/2" and 3" bore Bioflon Hose in order to satisfy customer requirements.

So,

For Hose Bore Sizes from 3/8" (10mm) up to 2" (50mm) → USE CORROLINE

For Hose Bore Sizes from 2 1/2" (65mm) and 3" (80mm) → USE BIOFLON

**Note:** Unlike Corroline, Bioflon is only available with an EPDM blue rubber cover or a clear, platinum cured Silicone rubber cover. The rubber cover is hand wrapped, not extruded, so although it has a smooth surface finish, it is not as even as the extruded cover on Corroline hose.

Also, as indicated above, Bioflon is less flexible than Corroline hose. If good flexibility is a primary requirement, customers may want to consider the option of a 2" bore Corroline Hose, with special, larger 2 1/2" or 3" end fittings attached.