

# ANCILLARY EQUIPMENT



To complement our standard range of stainless steel fittings and process components, we offer a range of ancillary process equipment which is continuously evolving in line with customer demand.

## SIGHTGLASSES

Designed for safe product visualisation

### In-line Tubular Design

- Standard sizes from ½” – 3”
- 316L stainless steel / borosilicate glass contact parts
- Maximum operating pressure up to 6 bar (depending on size)
- Working temperature up to 200°C (depending on seal material used)
- Silicone seal as standard - EPDM and Viton® options available
- Plain-ended or clamp end fittings as standard with RJT, IDF, DIN, SMS options available



### Clamp Blank Sightglasses

Suitable for food processing and sterile applications

- Standard sizes 1” – 12”
- Manufactured in Duplex or Hastelloy® alloys
- Temperature: -60°C up to +300°C
- Pressure: From full vacuum to 16 bar
- Material certification to BS EN 10204 3.1.B

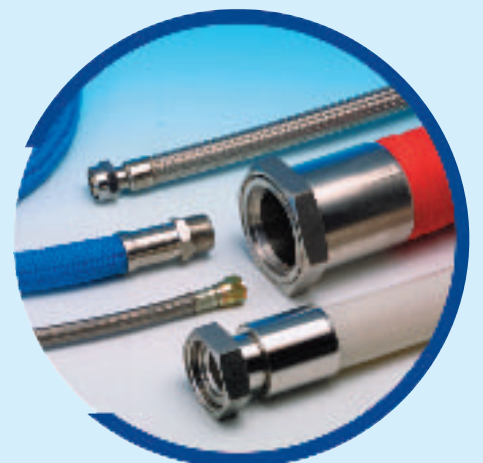
## FLEXIBLE HOSES

We offer a comprehensive range of flexible hose products including Smooth Bore and Convuluted PTFE, FDA approved Silicone and Food Grade Rubber delivery hoses

### PTFE Lined Hoses

Designed for the transport of sensitive or aggressive liquids at low or high temperatures

- End fittings can be fully PTFE lined
- Working temperature range -60°C to 230°C
- High performance under cyclic applications
- Anti-static black PTFE available
- Wire reinforcement for suction duties
- Range of external braiding materials available



### Silicone Rubber Hoses

Designed for food, medical and pharmaceutical applications

- 1” – 4” standard sizes (6” option available to order)
- Manufactured using FDA and European approved polymers
- Working temperature range - 40°C to 120°C (constant)
- Platinum cured silicone is available for WFI (water for injection) applications
- Full identification marking available

## PIPE AND SADDLE CLIPS

Secure vertical and horizontal support for tubular pipework and process service lines

### Pipe Clips

- Standard sizes ½”- 4” (10mm – 100mm)
- Manufactured in 304 stainless steel
- Hinged
- ½” BSPF support boss as standard - options include M10, no boss or weld stem

### Saddle Clips

- Standard sizes ½” - 8” (10mm – 200mm)
- Manufactured in 304 stainless steel
- Plastic inserts (blue) assist with vibration damping
- ½” tubular weld stem support



## MIXING VESSELS

We offer a range of stainless steel containers, mixing vessels and process utensils. Stainless steel pallet trucks and tools are also available, including shovels, spades and forks

- Benches
- Buckets
- Drums
- Funnels
- Mixing utensils
- Mobile containers
- Pouring churns
- Hand tools



We work closely with our customers to ensure that all aspects of the design, specification, manufacture and delivery protocols are fully met. Our capabilities include the build of hygienic process systems and skid mounted plant to customer design, as well as the fabrication of a wide range of components.

- Adaptors, manifolds, bends, tees
- Clamp ended ball valves
- Jacketed pipework
- Tanks
- Sprayballs and sprayball assemblies
- Valves: sample, butterfly, ball, pressure relief
- Filters
- Tank manways
- Tank ferrules
- Sightglasses
- Flowplates

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