

# Hygienic Hose...

PTFE • Silicones • Rubbers • Fittings • Bellows • Tygon



The **FlexTECH** range of hygienic hose, tube and fittings is 'tailor made' for the food and pharmaceutical industries where the highest quality is essential.

Our hoses are manufactured to ISO standards and meet the requirements of 21 CFR 177.1550 / 2600 FDA, USP 23 Class VI and comply with BgVV recommendations whilst our purest of silicone hoses comply to BGA Class VV, XVA, LIIA.

**ADI Free** - All products are guaranteed free from ADI (Animal Derived Ingredients)

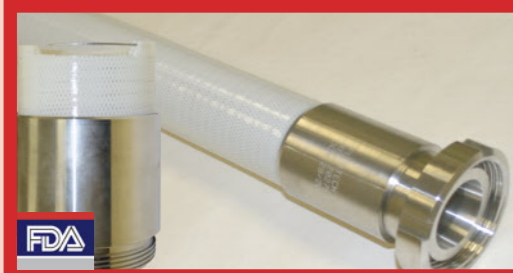


## Silicone Hose & Tube

**FlexTECH** series T4210 Platinum cured hygienic silicone hose and tube range with a 60° shore hardness is manufactured in compliance with 21 CFR 177.2600 FDA, BGR Class VV, XVA, LIIA and BfR XV.KTW/DVGW

Available as tubing or single ply polyester braid reinforcement this product is odourless, tasteless and totally non-toxic. It meets the 1935/2004/EC Regulation and EU Council Resolution AP 2004 (5).

Specially recommended for the transport of liquids in the food, cosmetic, chemical and pharmaceutical industries.



## Silicone Hose

**FlexTECH** series T4200 Platinum cured hygienic silicone hose range with a 60° shore hardness is manufactured in compliance with FDA 21 CFR.177.2600 FDA and BGA Class VV, XVA, LIIA.

Available with either 3 ply or 4 ply polyester reinforcement, smooth or corrugated covers and 316L grade stainless steel wire helix.

Suitable for applications within the food, pharmaceutical, medical, beverage and dairy industries.

Temperatures from -60°C to + 200°C and Vacuum of 684 mbar at 20°C.

## Rubber Hose

**FlexTECH** series T5700 Hygienic Rubber food hose and assemblies are totally ADI free and manufactured in compliance with 21 CFR 177.2600 FDA and BfR food regulations. Temperatures to +164°C

The hose has a non tainting FDA liner making this an ideal product for many food transfer applications within the dairy, healthcare, confectionary industries and other specialised food processing plants.

Also recommended for use within the process engineering sectors requiring FDA sanitary hose with a non marking cover.

## PTFE Tubing

**FlexTECH** range of PTFE / Teflon tubings offer unique properties which include excellent chemical resistance, high temperature resistance (up to 260°C / 500°F) and a frictionless, easy clean surface.

These properties determine the application areas in which PTFE tubes can provide the best possible hose product for task at hand.

Available in smooth or convoluted bore with assortment grades.

Teflon compounds manufactured from DuPont T62 compound in virgin or Anti-Static to FDA 21.CFR.177-1550 compliance



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## Fittings

Available in standard 16 gauge food, dairy & pharmaceutical style with hose tail fittings or robust fully interlocking tail design for swaged or clamped hose assemblies.

These hygienic fittings are manufactured from 316L stainless steel and available with Triclover Flange, RJT, DIN, IDF & SMS.

Weld stubs, elbows, flanges, seals, gaskets and clamps.



## Silicone

**FlexTECH** peristaltic type - platinum cured tubing designed for pumping applications requiring superior flex life characteristics.

Complies fully with the requirements of the USP Class VI criteria and is entirely non-toxic, non-hemolytic and non-pyrogenic.

In addition this tubing meets FDA 21 CFR Part 177.2600 for use in food contact applications.

*Lasts up to 5 times longer than other platinum silicone tubes in a peristaltic application.*



## Tygon Tubing

Ideal for handling sensitive fluids such as pharmaceutical or biological solutions. There is virtually no absorption of key fluid constituents into the tubing material or fluid absorption onto the tubing walls. As a result, fluid alteration and loss is much reduced.

There are no plasticisers to leach into or contaminate the fluid, yet the tubing remains flexible.

Tygon® High-Purity Tubing can be sterilized by radiation, ethylene oxide, steam or chemical methods.



## Sight Glass

Designed for applications within the food, dairy and pharmaceutical industries where visual flow for product transfer is essential.

Manufactured from FDA CFR 177.2600 FEP or PTFE tube.

Available in a diverse range of end connections and additional external casing for increased pressure and protection requirements.

These glasses offer excellent chemical resistance combined with a temperature range from -60°C to +260°C with pressures up to 20 Bar.



## PTFE Lined

**FlexTECH** hoses have been reviewed by the U.S Food and Drug Administration.

PTFE is the optimum material offering best contact performance where prevention of Leachables and Extractables in drug production is of the highest importance.

Superior to platinum silicones Flextech's range of PTFE lined hoses are available with smooth or convoluted bore and PTFE lined fittings or specially sized cuffed ends.

HYGIENIC

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