



# Technibrew Ultra

## Rubber Vacuum & Deliver Process Hose Designed for Breweries

Technibrew Ultra is a unique smooth bore FDA approved hygienic hose which has been designed for use with all aspects of Brewery process media transfer and filling applications. Technibrew-Ultra hose is the most flexible and lightweight design FDA approved hose currently available on the market.

The hose has an ultra-smooth, white liner constructed from Chlorobutyl rubber which is odour-less and tasteless, making this hose suitable for all aspects of Food, Dairy and Brewery process applications.

All Technibrew hoses can be Steam cleaned up to a max 130°C for 30 min, unpressurised.

The hose can also be CIP cleaned with dilute chemical solutions such as citric or caustic at temperatures up to +95°C when fitted with our range of Safe-Lok hygienically swaged interlocking 316 Stainless Steel end fittings which are available in all end connection specifications.

The hose is reinforced with textile plies, coated Steel helical wires for vacuum support and increased flexibility, the convoluted outer cover design aids flexibility and is resistant to abrasion, ozone and weather.

- Sizes from 1" to 4" available from stock.
- FDA (CFR 21 § 177.2600) approval.
- Operating temperature from -35° to +95°C.
- Hose Cleaning Temperature of 130°C.
- Operating pressures up to 12.0 Bar.
- Safety factor of 3:1, allowing for a 36.0 Bar minimum burst pressure.
- Vacuum rating up to 80%.
- Available in various colours for dedicated product lines.



Hose I/D	Hose O/D	Wall Thickness	Bend Radius	Working Pressure (max, Bar.)	Weight (approx.) Kg/m
1" (25.4mm)	38.4mm	6.5mm	150mm	12	0.70
1.5" (38.1mm)	52.1mm	7.0mm	180mm	12	1.10
2" (50.8mm)	64.8mm	7.0mm	200mm	12	1.30
2.5" (63.5mm)	78.5mm	7.5mm	240mm	12	1.75
3" (76.2mm)	95.2mm	9.5mm	260mm	12	2.70
4" (101.6mm)	122.6mm	10.5mm	300mm	12	3.90



# Safe-Lok End Fittings

## Sanitary and Hygienic Swaged Hose Fittings and End Connections

All PTFX Hygienic and High Purity Hose Assemblies are supplied with our range of Safe-Lok Sanitary and Hygienic Swaged Hose Fittings and End Connections.

Safe-Lok end connections have been specifically designed to eliminate crevices and bacteria traps where the end connections are crimped into the ends of the hose, this ensures that the products transferred do not become entrapped between the hose insert and the hose liner; offering a smooth transitional flow of all medias.

A wide range of end connections are available including Tri-Clover (Sanitary Clamp), BSP, RJT, DIN, IDF, SMS, ILC; Male & Female ends in sizes ranging from 1/4" (6.4mm) to 4" (101.6mm) N/B.

The Safe-Lok hose ends have been specially produced for use with Pharmaceutical, Biotechnological, Cosmetic and Food applications.

All straight fittings are made from one-piece machined from 316 Stainless Steel. 90° and 45° elbow fittings and special ends are all hygienically welded and polished to a high standard. This concept is compatible with most standard CIP and SIP in line cleaning systems. No strip down of the hose is necessary for cleaning.

The standard machined internal surface finish of Puresil- Techniflex end fittings is 0.5µM Ra or better, improved surface finishes can be achieved by Electro Polishing.

Each Puresil-Techniflex assembly is marked with a unique reference code to ensure maximum traceability of all components. For complete control & piece of mind over all hose records for each hose on site, ask us about our Hose Register, Inspection & Maintenance services.

