



# Ultra-Brew Lite

## High Performance Hose Designed for Breweries

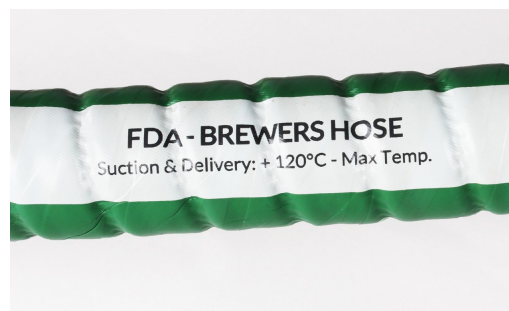
PTFX Ultra-Brew Lite is a unique smooth bore FDA approved premium brewery hose which has been designed for use with all aspects of Brewery process media transfer and filling applications. Ultra-Brew Lite is the most flexible and lightweight design FDA approved hose currently available on the market.

The hose has an ultra-smooth, white liner constructed from Butyl rubber which is odour-less and tasteless, making this hose suitable for beer and a wide range of non-fatty food products with an improved resistance to high pressure.

Ultra-Brew Lite 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 +120°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, Galvanised Steel helical wires for vacuum support and increased flexibility. It also features a glossy, low friction cover which makes it easy to clean and resistant to abrasion, ozone, ageing, oil and chemicals.

- Sizes from 1" to 4" available from stock.
- FDA (CFR 21 § 177.2600) approval.
- Operating temperature from -40° to +120°C.
- Hose Cleaning Temperature of 130°C.
- Operating pressures up to 16.0 Bar.
- Safety factor of over 3:1, allowing for a 60.0 Bar burst pressure.
- Available in various colours for dedicated product lines.



Hose I/D	Hose O/D	Bend Radius	Working Pressure (max,	Vacuum (Bar.)	Weight (approx.) Kg/m
1" (25.4mm)	38mm	105mm	16	0.9	0.91
1.5" (38.1mm)	52.5mm	120mm	16	0.9	1.38
2" (50.8mm)	67mm	150mm	16	0.9	2.21
2.5" (63.5mm)	80.5mm	195mm	16	0.9	2.79
3 (76.2mm)	94mm	225mm	16	0.9	3.51
4" (101.6mm)	120mm	375mm	16	0.9	4.57



# 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 05µM 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.

