

# How to select the correct hose for your operation

The table below highlights the attributes of Brewflex and demonstrates its suitability for an array of applications. It lists the minimum requirements we would expect a brewery hose to offer. Values marked with an “\*” symbol represent these. See the foot notes for more information.

	Brewflex
Hygienic Rubber Hose	✓ Yes
Alcohol Content	Suitable up to 96% concentration
Liner Material	BIIR (Butyl) Mirror Clean Surface (High Quality)*
Cover Material	EPDM (High Temperature)
Liner Colour	White (Smooth & Grease free)*
Cover Colour	Red, Blue, Yellow, Black & White
EasySlide Cover	✓ Yes. Standard Feature*
Working Temperature	-40°C to +120°C (Constant)
Crush Resistance	Brewflex Crush
Lightweight (Superflexible)	Brewflex Lite - (up to 25% more than other brands)
FDA approval	FDA CFR 177.2600*
BFR	D.M.21/03/73*
Manufactured	Clean Stainless Steel Mandrels. Clean Factory Environment*
Range	Delivery, Suction & Delivery, Crush Resistant & Lite (Superflexible)
CIP	120°C (Intermittent 130°)
End Connections	Series T7400 Permanently Swaged Hygienic Couplings*
Estimated Lifetime	3-5 Years*
Full Material Batch Traceability	✓ Yes*

	Brewflex
Design	Made to Measure/ Specification*
Vacuum	✓ S&D/Crush/Lite
Testing	Tested to 1.5x working pressure prior to despatch
Working Pressure Rating	T5701 & T5705 = 10 Bar T5700C & T5700L = 16 Bar

- Where is the hose being Used?
- Are flow rates critical?
- What are the working pressure and temperatures involved?

These are examples of some of the questions we ask to insure that all of our potential clients are offered the correct type of brewery hose to match their application.

In doing this we ensure savings through the long life of the hose assemblies and are confident that the product is always protected and safe for use.



Discover Brewflex, the smart solution built for breweries of all shapes and sizes. Flextech can get your brewery operation up and running with hygienic hoses, thus ensuring your organisation is known for quality and being hygienically orientated.

\*\*BIIR (Butyl) rubber is considered the highest quality for the brewery industry due to its increased temperature range, a truly smooth mirror finish, flexibility and resistance to high alcohol concentrations. There are cheaper liners used in many other brands that may ultimately reduce the life expectancy of your hose.

\*\*Liner colour is important – A white liner usually denotes FDA compliance but always check to be sure it does not have any residue left behind from the manufacturing process such as grease, imprints or foreign bodies. Also the liner has a 100% smooth mirror finish feel to touch as this guarantees protection against microbe and potential batch contamination.

\*\*The EasySlide Cover that comes as a standard feature with Brewflex, reduces the force and effort needed by operators when handling the hose and makes it much easier to move around a brewery. It is especially useful for long, cumbersome lengths.

\*\*Legislative approvals by bodies such as the FDA & BFR are essential, & the material compounds used in the construction of Brewflex have been independently tested and approved. Copies of the test results are available upon request. This is important as many products in the market place can be said to be FDA compliant but have been never tested for approval.

\*\*A hose starts to become 'hygienic' in the place it is manufactured. To keep costs low, many hoses are manufactured on dirty mandrels, in an unclean industrial environment. Unfortunately, many 'hygienic' hoses are made this way. Brewflex is different.

\*\*We would recommend hygienic swaging as the only safe way of connecting the fittings to your hose. This is because it creates a seamless join where the hose liner and hose coupling meet and considerably reduces bacterial growth and batch contaminations.

\*\*If used correctly, with care and caution taken with the hose, Brewflex will last up to 7 years. However in practical terms, most breweries see a working life of between 18-36 months due to hose ends being severely handled, over-bent or exterior damage of hose.

\*\*Many hoses are claimed by to be hygienic by the manufacturer, but lack sufficient evidence to support this. All materials and compounds used in Brewflex are fully traceable back to the supplier.

\*\*Flexibility may seem a luxury trait when considering a hose, however, the better the flexibility the easier it will be to manoeuvre around your brewery without kinking.

\*\*Having a hose that is truly made to measure gives you complete control over the design of your hose. The smallest of details can be included, prior to assembly.