

KAPTECH

ULTRAFLEX FOOD & BREWERS HOSE

The light weight and high flexibility of Kaptech Ultraflex gives exceptional ease of handling in food and brewing industry applications. As well as handling fatty and non-fatty foods (eg chocolate, milk, vegetable oils) Ultraflex has also found wide approval for beer and beverage transfer applications.

Ultraflex has a smooth inner white liner in a nitrile/PVC blend which meets and exceeds FDA specifications for avoidance of transference of taste or odour. The EPDM outer cover material is formulated to resist aggressive working conditions such as abrasion and environmental attack.

Its structure of synthetic fabric plies and embedded high tensile wire helix gives exceptional vacuum and pressure performance. The convoluted outer surface optimizes flexibility and ease of handling.

Most sizes are available with red, blue, green or yellow outer covers offering visual identification of different product lines.



FS 28046



For capabilities and general technical data, see overleaf

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Benefits

- FDA to: CFR21-177-2600 & 3-A compliant
- EC1935/2004 & EC2023/2006 compliant
- ADI free & non-phthalate
- Full vacuum capability
- Extra-flexible - tight bend radius
- Light weight - Suitable for CIP
- Working pressures up to 10 bar
- Available in continuous lengths up to 40 metres
- White non-tainting liner, cover options allow colour coding of product lines
- Different colours can be dedicated to individual departments within a site

Nominal Bore		Outside Dia. mm (approx.)	Max. Working Pressure	Weight kg/m (approx.)	Min. Bend Radius mm (approx.)
Inch	mm				
1"	25	37.3	10 bar	0.60	85
1 1/2"	38	51.3	10 bar	1.07	105
2"	51	63.6	10 bar	1.70	120
2 1/2"	63	76.3	10 bar	2.43	130
3"	76	91.3	10 bar	2.94	150

Pressure ratings shown are valid for Group 2 fluids only [per Pressure Equipment Directive 97/23/EC, Art.9 (2)]. Consult Guyson Technical Department for Group 1 (dangerous) fluids ratings.

Working pressure of hose is based on a minimum safety factor of 4:1

NOTE: for 4" nb size hose, please consult Guyson Technical Sales Department.

Fittings

Hoses can be delivered as complete hygienic assemblies using either customer-specified or standard fittings such as:-

- RJT to BS 1864
- IDF (ISS) International Dairy Federation
- DIN 11851 German and European standards
- SMS Swedish standard
- Tri-clamp
- Hygienic Camlock coupling



To comply with FDA requirements, all hose liners are manufactured from 316 stainless steel.

Hose ferrules and nuts (where applicable) are manufactured from 304 stainless steel.



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NOTE: All technical information shown correct at time of print and may be subject to change without notice. Products supplied may differ in appearance and colour to items shown.
 For specific applications and working conditions, please consult Guyson Technical Sales Department.

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