

# 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 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.



FS 28046



For capabilities and general technical data, see overleaf

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### Benefits

- FDA-approved non-tainting liner
- Full vacuum capability
- Extra-flexible - tight bend radius
- Light weight
- Working pressures up to 10 bar (burst 40 bar)
- Available in continuous lengths up to 40 metres



Nominal Bore		Outside Dia. mm	Working Pressure	Weight kg/m	Min. Bend Radius mm
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
4"	102	116.6	10 bar	4.00	230

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 pressures are based on a minimum safety factor of 4: 1

### 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

All fittings are produced in 316 stainless steel (with 304SS nuts) to comply with FDA requirements



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