

KAPTECH

S I L I C O N E H O S E

FOR THE FOOD, BREWING & PHARMACEUTICAL INDUSTRIES

Kaptech silicone hose assemblies offer exceptionally high standards of operational cleanliness, with excellent flexibility and high temperature performance.



KAPTECH ST60 & ST50 PLATINUM - CURED SILICONE

a tough suction and delivery hose with good flexibility and high resistance to kinking in lengths up to 4 metres, reinforced with embedded polyester braids and a stainless steel or Hastelloy spring wire helix.



KAPTECH SX10 SILICONE HOSE

a general purpose delivery hose available in lengths up to 20 metres, reinforced with embedded glass-fibre braids.



FS 28046



For capabilities and general technical data, see overleaf

KAPTECH

S I L I C O N E H O S E

Kaptech ST60 & ST50 Silicone Hose

- Complies with FDA 21CFR177.2600 & USP Class VI
- EC 1935/2004 & EC 2023/2006 compliant
- ADI & phthalate free
- Suction and delivery capability from full vacuum to 10 bar (up to 2" ST60), 2.1/2" - 7 bar, 3" - 6 bar and 4" - 5 bar (ST50)
- Working temperatures up to 180°C, dependent on specification & application details
- High kink-resistance, Platinum-cured
- Smooth translucent bore and cover
- Available in sizes 1/2" - 4"

	Nominal Bore	Outside Dia. (mm)	Working Pressure (bar)	Min Bend Radius (mm)
ST 60	1/2"	25	10	45
	3/4"	32	10	65
	1"	38	10	136
	1 1/4"	44	10	178
	1 1/2"	51	10	215
	2"	63	10	220
ST 50	2 1/2"	73	7	220
	3"	86	6	250
	4"	111	5	460

Note: for use at 100°C and above, the working pressure is reduced. For specific applications, consult Guyson Technical Department.



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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HOSE & COUPLINGS DIVISION



Kaptech SX10 Silicone Hose

- Complies with FDA 21CFR177.2600
- EC 1935/2004 & EC 2023/2006 compliant
- ADI & phthalate free
- Suitable for delivery pressures up to 12 bar according to size (see table)
- Working temperatures up to 220°C, dependent on specification & application details
- Available in lengths up to 20 metres
- Smooth translucent bore and cover
- Available in sizes 1/4" - 1"
- Peroxide-cured, Platinum-cured version available to order

Nominal Bore	Outside Dia. (mm)	Working Pressure (bar)
1/4"	12	12
3/8"	17	9
1/2"	20	9
3/4"	30	7
1"	37	5

Note: for use at 100°C and above, the working pressure is reduced. For specific applications, consult Guyson Technical 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

