

KAPTECH

FLEXIBLE SMOOTH BORE PTFE INDUSTRIAL HOSE ASSEMBLIES

PTFE 4000 HYPERLINE FX

- **Self-cleaning**

The non-stick nature of the PTFE tube prevents product adhering to the tube wall.

- **Low flow resistance**

Smooth bore gives superior flow rates over conventional convoluted hose.

- **Vacuum resistant**

Usable with full vacuum dependent on specification and application details.

- **Construction**

Manufactured from FDA-approved PTFE.

- **Heat-resistant**

Usable at elevated temperatures, dependent on specification and application details.

- **Sizes:** 1/4" up to 1" nb.

- **Wide range of end fittings**

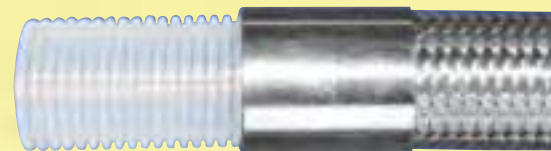
BSP, NPT, flanges, etc.

- **Exceptional flexibility**

Unique combination of smooth-bore and high flexibility.

- **Excellent chemical resistance**

Inert to all but a handful of uncommon industrial fluids.



FS 28046

CUYSON

HOSE & COUPLINGS DIVISION

For capabilities and general technical data, see overleaf

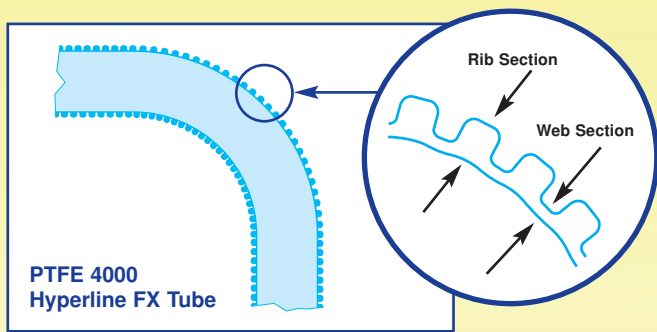
KAPTECH

PTFE 4000 HYPERLINE FX FLEXIBLE SMOOTH BORE PTFE INDUSTRIAL HOSE ASSEMBLIES



Kaptech PTFE 4000 Hyperline FX smooth-bore convoluted PTFE hose offers a unique solution to the need for a smooth bore hose with the flexibility of a convoluted hose.

The PTFE 4000 Hyperline FX tube design incorporates integral external rib sections which support the tube against kinking, vacuum and pressure. Highly compressed web sections give a smooth inner surface with excellent flexibility.



Anti-static: In addition to the standard translucent tube, Kaptech PTFE 4000 Hyperline FX is also available with an anti-static black PTFE tube (AS). This is designed for applications where fluids with a high electrical resistance are passed through the hose and allows the dissipation of static charge in accordance with international standards.



Tube Only: An unbraided tube-only option (TO) is also available for applications where a translucent, low pressure hose is required.

Other Kaptech PTFE hoses available include: PTFE 1000 smooth bore, PTFE 3000 convoluted (industrial applications) and PTFE 5000 Corroflon convoluted (process applications) and Bioflex smooth bore (process applications).

Braid Options:

Kaptech PTFE 4000 Hyperline FX hose is provided as standard with an external stainless steel braid.

As an option, it is also available with a black aramid fibre braid (AM) which provides a lightweight, durable braid with comfortable handling characteristics.

End Fittings.

Kaptech PTFE 4000 Hyperline FX hose assemblies can be fitted with most types of conventional end fittings. Standard types include BSP and NPT threaded fittings in zinc-plated mild steel and 316SS; swivel flanges in 304 and 316SS are also options.

Stainless Steel Braid			
Bore Size	Minimum Bend Radius	Maximum Working Pressure	Weight Per Metre
Inches	mm	bar	kg
1/4	19	88	0.092
3/8	25	80	0.160
1/2	38	60	0.225
3/4	63	42	0.383
1	75	40	0.540

Minimum bend radius and weight figures shown are for PTFE 4000 Hyperline FX with stainless steel braid.

Pressure Ratings: Pressure Ratings shown are for PTFE 4000 Hyperline FX with stainless steel braid at ambient temperature. For versions with other braids or tube only (TO) option, please consult Guyson Technical Sales Department.

Temperature Range: Usable at elevated temperatures dependent on specification and application details, please consult Guyson Technical Sales Department.



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