



**NOVA** SWISS



**Up to 2000 BAR (30000 PSI)**

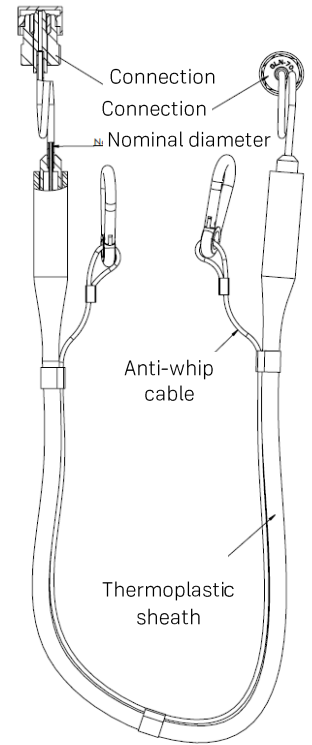
**High Pressure Flexible Hoses**

# High-Pressure Flexible Hoses

Among a wide range of components Nova Swiss offers also flexible hoses for high-pressure fluids. Working pressures are available from 50 bar (730 psi) up to 2000 bar (30 000 psi) for gases

Each flexible hose supplied is customized and certified based on customer specification and complete with factory lead seal. Hoses can be supplied up to 30 m length.

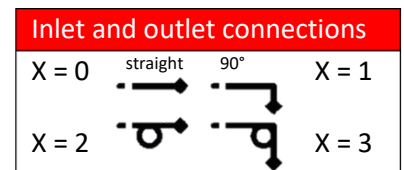
The compatibility of all components in contact with used fluid, temperature and connections are checked and validated.



## Flexible Hoses Features:

- MAWP from 50 to 2000 bar (730 to 30 000 psi)
- Medium temperature range: -20°C / +80°C
- Standard material: Stainless Steel 1.4404
- Nominal Ø0.5 – 0.9mm (pressure dependent)
- Length up to 30 meters
- Compatible with liquids and gases group 2 and gases group 1 (O<sub>2</sub>, H<sub>2</sub>, CO)
- Connections: Standard HP Nova Swiss, semi-rapid Nova Swiss (max. 700 bar (10 150psi)) and fast connections (400 bar max.)
- Flexibility: Spiral tube, spring sheath and 4 types of connections (inlet/outlet)
- Protection: Thermoplastic sheath and captive cap
- Safety: Anti whip cable and crab
- Compliant with PED 2014/68/EU : Art. 4.3
- Full traceability of parts
- Unique serial number
- Lead sealed
- Hydraulic test and gas leakage test (N<sub>2</sub>)
- Technical Instructions and compliancy certificates (French or English)

## HPFH codification <sup>(2)</sup>



HPFH-	PP-	IC-	OC-	LLLL-	EX-	EX
						Outlet end E0 / E1 / E2 / E3
						Inlet end E0 / E1 / E2 / E3
						Length (mm) 00500 for 500mm / 15000 for 15m...
						Outlet connection 4M / 6M / 4H / 6H / 4E / 6E / 4N / 6N / 4B / 6B
						Inlet connection 4M / 6M / 4H / 6H / 4E / 6E / 4N / 6N / 4B / 6B
						Pressure (kpsi) 15 for 15 kpsi / 30 for 30 kpsi...

<sup>(1)</sup> The fluid used by the customer has to be communicated in order to check its compatibility with each material.

<sup>(2)</sup> Compatibility between the request and the application (material, fluid, pressure, temperature, connections, ...) is subject to validation by Nova Swiss