

# High Pressure Hoses

## S Series

Maximum Working Pressure:  
**700 bar (10,000 psi)**

Hose Internal Diameter:  
**6,4 mm (1/4")**

Minimum Burst Pressure:  
**2800 bar**



### FEATURES

- Hoses are suitable for all hydraulic applications and consist of 2, 4 or 6 steel wire spirals depending on the operating pressure.
- Extremely high tensile strength.
- Outer layer covered with polyurethane material to provide excellent abrasion protection, whereas its minimal expansion during operation ensures maximum efficiency.
- Hoses are designed with a safety factor of 4 if operate at 700 bar working pressure

High Pressure Hoses for 1800 & 2500 bar available upon request.



The maximum operating pressure of the pump-hose-coupling system is the working pressure of the lowest rated part.



The oil volume required to fill the hoses needs to be taken into account when selecting the pump model.

### SELECTION CHART FOR 700 - 1000 BAR HOSES

MODEL	Length	Max. Working Pressure	Fitting Thread	Screw Coupling	Nipple	Min. Burst Pressure	Safety Factor @700 bar	Safety Factor @1000 bar	Internal Diameter	Minimum Bending Radius	Oil Volume	Weight	
metre	bar	bar											
<b>SN10</b>	1												
<b>SN20</b>	1,8												
<b>SN30</b>	3												
<b>SN60</b>	6												
<b>SN120</b>	12												
<b>SN150</b>	15												
<b>SN10M</b>	1												
<b>SN20M</b>	1,8												
<b>SN30M</b>	3												
<b>SN10HT</b>		700@120°C	3/8"NPT - 3/8"NPT male	-									
<b>SQ10</b>	10 = 1 m.												
<b>SQ10M</b>	20 = 1,8 m.	1000	1/4"NPT - 1/4"NPT male	-									
<b>SR10</b>	30 = 3 m. etc.	700	1/4"NPT - 1/4"NPT male	<b>K71M</b>									
			1000										
			1/4"BSP - 1/4"BSP Swivel female	-									

Examples of ordering other hose lengths:-

- For 3m hose length – Model: **SN30**
- For same hose length but with **K73M** male half coupling – Model: **SN30M**