

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			mm	mm	cm³/m	kg/m
SN10	1	1000	3/8" NPT - 3/8" NPT male	-	-	2800	4	2,8	6,4	70	32,2	0,32
SN20	1,8											
SN30	3											
SN60	6											
SN120	12											
SN150	15											
SN10M	1	700		K73M	-	2800	4	2,8	6,4	70	32,2	0,32
SN20M	1,8											
SN30M	3											
SN10HT	10 = 1 m. 20 = 1,8 m. 30 = 3 m. etc.	700@120°C	3/8"NPT - 3/8"NPT male	-	-	2800	4	2,8	6,4	40	32,2	0,25
SQ10		1000	1/4"NPT - 1/4"NPT male	-						70		0,32
SQ10M		700	K71M									
SR10		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**