

High-pressure hose H

Tailored hoses in custom lengths and fittings
for lubrication systems and general use



NOW
AVAILABLE
PREFILLED
WITH STANDARD
OR SPECIAL
GREASE



High-pressure hoses

What configuration are you looking for?

Customized lengths



Ready-made hoses with fittings and individual lengths allow a cleaner and faster lubrication system assembly.

Prefilling



Hoses prefilled with standard greases drastically reduce installation time. Hoses can also be prefilled with your own choice of grease.

VS fittings



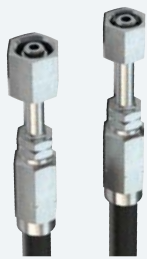
SKF quick connectors are the fastest way to connect lubrication lines. The fittings feature internal claws to hold the tubing tight, even at 350 bar (5076 psi). Various designs with 0°, 45° or 90° angles complete the offer.

BEL fittings



Hose end fitting ready for solderless pipe union with cutting sleeve fittings are the most common connection type in high pressure grease lubrication systems. Various designs with 0°, 45° or 90° angles complete the offer.

LL, L fittings



Screw fittings incl. union nut and cutting sleeve are a very common connection type in high pressure grease lubrication systems. Various designs with 0°, 45° or 90° angles complete the offer.

DKOLL, DKOL fittings



Press fittings incl. union nut and sealing cone are a very common connection type in high pressure grease lubrication systems. Various designs with 0°, 45° or 90° angles complete the offer.

Hose protections



SKF offers a wide range of solutions for hose protection including spiral hoses, plastic helices, spring coils and corrugated tubes.

Customized markings



Three different hose markings improve hose and lubrication point matching in the installation and maintenance process of machines and vehicles.

Hose prints



Prints on the hoses containing key properties such as length, diameter and fitting allow easy identification simplifying the reordering/maintenance

High-pressure hoses



Description

Tailored high-pressure hoses are configurable hoses in custom lengths and fittings for quick and easy mounting. They are available prefilled with standard greases and come with nominal diameters of 6, 8 and 10 mm. In case of demanding operating environments of the lubrication system consider using hose protections. To simplify installation of more complex systems with many lubrication lines SKF offers customer-specific markings, for example with a hose label, printing or with clips. Configuration of tailored hoses takes place via SKF online configurator or via SKF parts library app.

Features and benefits

- Individual hose lengths and customized fittings for quick and easy installation
- Easy online configuration with automatically created order numbers and CAD data download
- Prefilled with standard or individual grease
- Customized hose end markings
- Imprints for easy identification
- Optional hose protection

Applications

- Construction machinery
- Agriculture machinery
- Renewable energy
- Railways
- Marine



Technical data

Function	high-pressure hoses
Operating temperature	ND6, ND8 = -40 to +70 °C, -40 to 158 °F ND10 = -40 to +100 °C, -40 to 212 °F
Material	polyamide (soft), polyester (high strength), polyurethane, synthetic rubber
Nominal diameter	6, 8 or 10 mm
Lengths	80–50 000 mm; 3.14–1 968 in
Lubricants	oil, fluid grease and grease up to NLGI 3
Optional markings	label, printing or clips

Dimensions and details of high-pressure hoses

Nominal diameter	Outer diameter	Bending radius min.	Burst pressure	
mm	mm	mm	bar	psi
4	8.75	35	800	11 600
6	11.3	50	840	12 138
8	16.9	55	520	7 540

Pressure utilization rate

Temperature in °C	23	30	40	50	60	70	80
Pressure utilization rate in %	100	83	72	64	57	52	47

High-pressure hoses

Hose protections

To protect high-pressure hoses used in demanding operating environments, consider equipping them with additional hose protection. SKF offers spiral hoses, plastic helixes, spring coils and corrugated tubes that offer effective protection against hail e.g., also allowing bundling of individual hoses to form a compact strand. This simplifies installation, reduces the number of needed fixing parts and saves space.

Features and benefits

- Line protection for demanding operating conditions
- Protects against light mechanical influences
- Protects against weather influences as hail e.g.
- Simple and fast installation
- Space saving installation

Spiral hose, slotted



Plastic helix



Spring coil



Corrugated tube



Hose protections							
Design	Ø mm	Suitable nominal hose diameter			Material	Order code letter	Part number per linear meter
		06	08	10			
Spiral hose, slotted	6–9	•	-	-	polypropylene	A	982-760-102
	10–16	-	•	•	polypropylene	A	982-760-172
Plastic helix	5–20	•	-	-	soft polyethylene, black colour	B	113-35075-2
	9–30	-	•	•	soft polyethylene, black colour	B	113-35075-3
Spring coil	10.6	•	-	-	stainless steel	C	982-760-132
	12.5	-	•	-	stainless steel	C	982-760-142
	17.0	-	-	•	stainless steel	C	111-35306-5
Corrugated tube	10.0	•	-	-	polyamide 6, black colour	D	982-760-130
	12.3	-	•	-	polyamide 6, black colour	D	982-760-160

High-pressure hoses

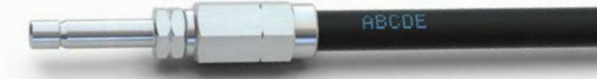
Hose markings

Customer-specific markings designed as hose label, printing or with clips are available on request. Hose markings simplify installation of more complex lubrication systems with numerous lubrication points. For technical reasons clip markings have a limit of max. five letters/numbers and hoses with printed markings have a lengths limit of 15 m. Customized hose markings are available for all hose types/diameters offered in this publication.

Features and benefits

- Print, label and clip markings
- Individual high-pressure hoses
- Simplified and faster installation
- Simplified repair and maintenance

Print



Label



Clips





skf.com | skf.com/lubrication | skf.com/h-hoses

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