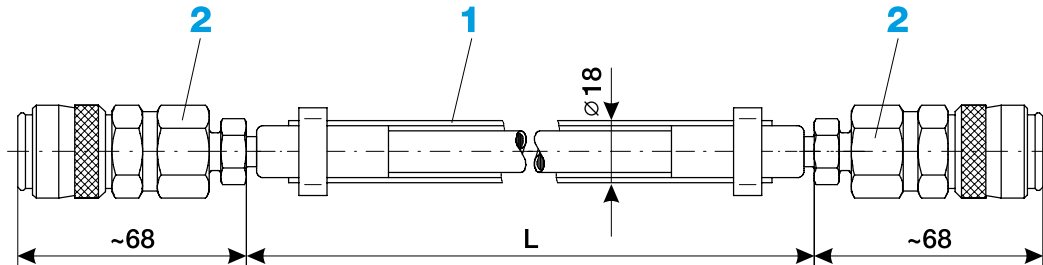




## High-Pressure Hose A0686 (1600 bar)



### Lengths available from stock

for pre-assembled, oil-filled and pressure-tested high-pressure hose

Art. No.	Designation
A068600.22	High-pressure hose 0.220 m long
A068600.27	High-pressure hose 0.270 m long
A068600.34	High-pressure hose 0.340 m long
A068600.5	High-pressure hose 0.5 m long
A068600.55	High-pressure hose 0.550 m long
A068600.557	High-pressure hose 0.557 m long
A068600.6	High-pressure hose 0.6 m long
A06860001	High-pressure hose 1.0 m long
A06860001.5	High-pressure hose 1.5 m long
A06860001.7	High-pressure hose 1.7 m long
A06860001.8	High-pressure hose 1.8 m long
A06860002.1	High-pressure hose 2.1 m long

Art. No.	Designation
A06860002	High-pressure hose 2.0 m long
A06860003	High-pressure hose 3.0 m long
A06860004	High-pressure hose 4.0 m long
A06860005	High-pressure hose 5.0 m long
A06860006	High-pressure hose 6.0 m long
A06860007	High-pressure hose 7.0 m long
A06860008	High-pressure hose 8.0 m long
A06860009	High-pressure hose 9.0 m long
A06860010	High-pressure hose 10.0 m long
A06860015	High-pressure hose 15.0 m long
A06860020	High-pressure hose 20.0 m long

Other lengths are available at short notice upon request, as these are assembled by SCHAAF.

All items are available individually.

Item	Designation	Article No.
1	High-pressure hose A0680 ... m long	A0680...
2	Quick-release coupling sleeve CVK25-2 G1/4" IG	ZU0010067

### Hose specifications

All high-pressure hoses are fitted with an additional protective hose. The data printed on the high-pressure hose (applies only to Item 1 above):

### -SCHAAF- 41812-ERKELENZ-GERMANY/EN/HDS1800/5/XQJJ/PN1800

#### EN Standard Quality Assurance

All high-pressure hoses are checked for material quality, dimensional accuracy, correct functioning and load-resistance. During order execution, they are subject to continuous quality assurance measures and are supplied together with detailed technical information.

Hose type

Nominal diameter

max. operating pressure in bar

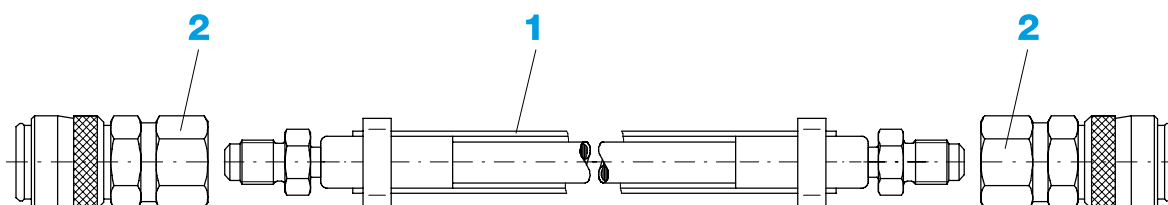
e.g. 4Q05 (4th quarter 2005)



SCHAAF has been developing and manufacturing high-pressure hydraulic tools since 1954.



## High-Pressure Hose A0686 (1600 bar)



### Caution!! High-Pressure Hydraulics

If leaks occur when pressure is being applied, always relieve the hydraulic pressure immediately and either seal the leak or replace the defective part.

Max. operating pressure for item 1:	<b>1800 bar</b>
Test pressure for item 1:	<b>2700 bar</b>
Bursting pressure for item 1:	<b>4500 bar</b>
Inner tube:	<b>POM</b>
Pressure jacket:	<b>4 spiralled layers of corrosion-proof high tensile steel</b>
Outer sheath:	<b>PA, Nylon</b>
Protective hose:	<b>PVC</b>
Inside diameter:	<b>5.0 mm</b>
Outside diameter:	<b>11.6 mm</b>
Outside diameter incl. protective hose:	<b>18.0 mm</b>
Weight:	<b>0.29 kg/m</b>
<b>Item 2 is dimensioned for a max. operating pressure of 2500 bar</b>	

**Caution!!** The high-pressure hose and all pressure-carrying parts associated with it, must always be inspected for damage before pressure is applied. Damaged parts must immediately be replaced by new parts.

It is only permitted to use hydraulic oils for transferring pressure. Other fluids may only be used with the express approval of SCHAAF. The high-pressure hose must never be subjected to mechanical stress or kinking. The minimum bending radius is 130 mm. The permissible ambient and contact temperature is between  $-40\text{ }^{\circ}\text{C}$  and  $+100\text{ }^{\circ}\text{C}$ . It is recommended to replace the high-pressure hose with a new hose, at the latest, every 5 years. Earlier replacement is recommended if the hose is subject to extreme conditions. The maximum cycles-to-failure count can be assumed to be 10,000. Dirt, contamination, mechanical damage and very high or low temperatures can reduce the cycles-to-failure count considerably. Contact us if you have any questions in this respect.

**Fitting information:** As a result of the oil in the high-pressure hose heating up to a high temperature, a pressure build-up can occur, making it impossible to connect Item 2.

If this is the case, a connection point must be loosened, e.g. between Items 1 and 2, so that the pressure inside the high-pressure hose can decrease. When the pressure has decreased, the loosened connection must be properly tightened.

#### Other products manufactured by SCHAAF

- Bolt tensioners
- Hydraulic nuts
- High-pressure hydraulic pumps:  
manually operated, electrically or pneumatically driven
- Couplings, nipples, adapters, distributors up to 4000 bar
- ExpaTen, EcoRolls and many more

#### Complete solution from SCHAAF

The high-pressure hydraulic hoses, connection couplings and adapters are all aligned to function with SCHAAF high-pressure hydraulic tools and high-pressure hydraulic generators = 100% system solution.

**www.schaaf-gmbh.com**

Visit us on the internet and convince yourself of our innovative services and products.

**SCHAAF has been developing and manufacturing high-pressure hydraulic tools since 1954.**

