

# High pressure hoses HDS



## Product features

- Quality high pressure hoses for non-corrosive industrial gases, oxygen and acetylene
- 90° elbow on inlet
- Design in all essential points according to DIN EN ISO 14113 (Rubber and plastics hose)
- Design in all essential points according to EN ISO 10380 (Corrugated metal hose)
- Anti-whip cord (not for acetylene)
- Non-return-valve at cylinder- or bundle connection for acetylene to avoid air getting into the hose

## Technical data

<b>Working pressure P</b>	max. 300 bar max. 25 bar (Acetylene)
<b>Nominal diameter</b>	DN 6 - DN 12
<b>Length</b>	0,5 - 3,5 m
<b>Materials</b>	
<u>Industrial gases</u>	
Inner surface:	Polyester
Outer surface:	Polyurethane
Reinforcement:	Aramid fibre
Fitting:	1.4305
<u>Oxygen:</u>	stainless steel
<u>Acetylene:</u>	rubber
<b>Connections</b>	
Inlet:	cylinder connection or 1/4"-NPT female
Outlet:	1/4"-NPT female
<b>Temperature range</b>	-20°C to +60°C
<b>Leak rate</b>	<10 <sup>-3</sup> mbar l/s He

## High pressure hose HDS - PE for industrial gases except oxygen and acetylene



### Ordering information:

High pressure hose for **industrial gases** except oxygen and acetylene HDS - PE

**HDS - PE - 300 - 2,5M - DIN 477-6 - 0 - CM 1/4**

#### **Pressure range**

200 - 200 bar  
300 - 300 bar

#### **Length**

0,5M - 0,5 meter (DN 8)  
1M - 1,0 meter (DN 8)  
2M - 2,0 meters (DN 8)  
2,5M - 2,5 meters (DN 8)  
3,5M - 3,5 meters (DN 8)

#### **Inlet**

Cylinder- or bundle connection:  
Specify relevant standard and  
connection type required

#### **Outlet**

Compression fitting (brass)

CM 1/4 - 1/8" / 1/4" / 1/2" -  
CM 6 - 3 / 6 / 8 / 10 / 12 mm

Compression fitting (stainless steel)

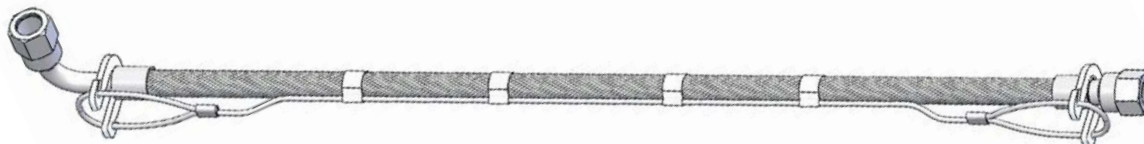
CE 1/4 - 1/8" / 1/4" / 1/2" -  
CE 6 - 3 / 6 / 8 / 10 / 12 mm

KK 1/2 - G 1/2" bull nose+union nut  
0 - 1/4"-NPT female

#### **Cylinder connection**

0 - brass  
M - chrome plated brass

## High pressure hose HDS - ES for oxygen



Ordering information: High pressure hose for **oxygen** HDS - ES

**HDS - ES - 300 - 3,5M - DIN 477-9 - E - CE6**

### Pressure range

200 - 200 bar  
300 - 300 bar

### Length

0,5M - 0,5 meter (DN 6)  
1M - 1,0 meter (DN 6)  
2M - 2,0 meters (DN 6)  
3,5M - 3,5 meters (DN 6)

### Inlet

Cylinder- or bundle connection:  
Specify relevant standard and  
connection type required

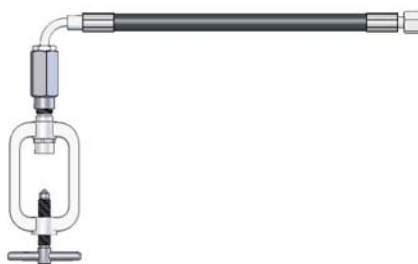
### Outlet

RS - compression fitting with  
6 mm SS-tube stub  
KK1/2 - G 1/2" bull nose+union nut  
0 - 1/4"-NPT female

### Cylinder connection

M - chrome plated brass  
E - stainless steel

## High pressure hose HDS - AC for acetylene



Ordering information: High pressure hose for **acetylene** HDS - AC

**HDS - AC - 25 - 2,5M - DIN 477-3 - M16**

### Pressure range

25 - 25 bar

### Length

0,5M - 0,5 meter (DN 6)  
1M - 1,0 meter (DN 6)  
2,5M - 2,5 meters (DN 12, in- / outlet: G 3/4" LH female with Aluminum-sealing)

### Outlet

M16 - M16 x 1,5  
G3/4 - G 3/4" LH female  
with 2,5 meters DN12

### Inlet

Cylinder- or bundle connection:  
Specify relevant standard and  
connection type required