

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

Working pressure P	max. 300 bar max. 25 bar (Acetylene)
Nominal diameter	DN 6 - DN 12
Length	0,5 - 3,5 m
Materials	
<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
Connections	
Inlet:	cylinder connection or 1/4"-NPT female
Outlet:	1/4"-NPT female
Temperature range	-20°C to +60°C
Leak rate	<10 ⁻³ 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

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

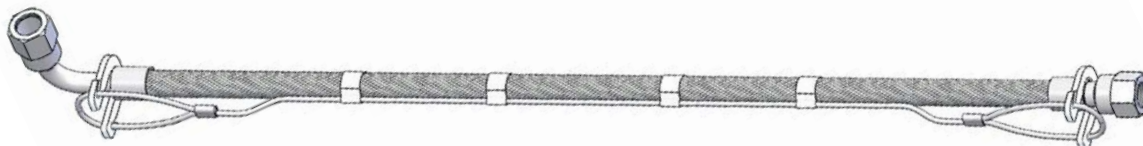
0 - 1/4"-NPT female

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

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

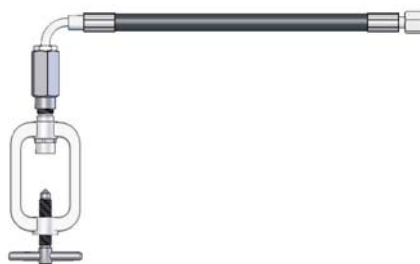
Outlet

CE6 - compression fitting with
6 mm stainless steel pipe
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