

High pressure hoses HDS

spectrotec

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 ⁻⁴ 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 - 200 - 3,5M - DIN 477-6 - 0 - CM 1/4

Pressure range

200 max. 200 bar
300 max. 300 bar

Length

0,5M 0,5 meter (DN 8)
1M 1,0 meter (DN 8)
2M 2,0 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

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High pressure hose HDS - ES for oxygen



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

HDS - ES - 200 - 3,5M - DIN 477-9 - E - CE 6

Pressure range

200	max. 200 bar
300	max. 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)

Outlet

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

Cylinder connection

M	chrome plated brass
E	stainless steel

Inlet

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

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	max. 25 bar
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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 aluminium sealing)

Outlet

M 16	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