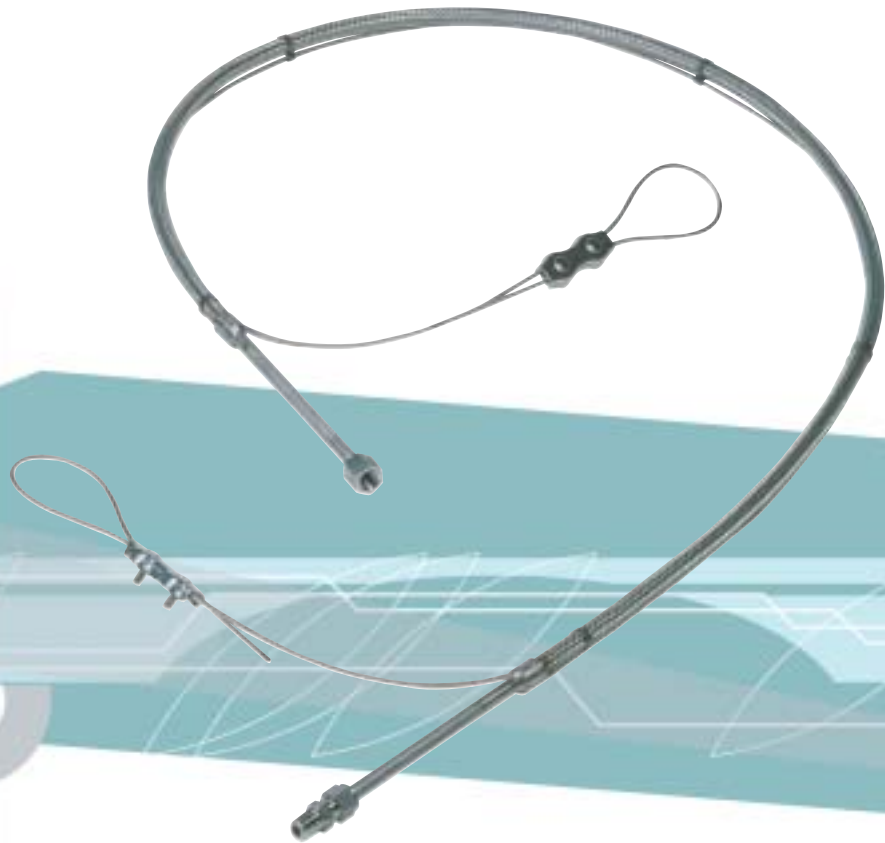


Flexible hoses

↘ 300 bar.g

↘ Anti-whip cable



↘ The stainless steel and Teflon®/stainless steel flexible hoses are designed to connect cylinders to regulators and to changeover manifolds in all types of industries: such as quality control and R&D laboratories. The flexible hoses are designed for use on a wide range of high purity compressed gases and liquified gases in maximum safety conditions.

Specifications

Material

Inner core: 316L stainless steel or Teflon®
Outer braid: 316L stainless steel
Tube extension: 316L stainless steel

Pressure/temperature rating

Maximum working pressure: 300 bar.g
Testing pressure: 450 bar.g
Temperature range: -50 °C to +200 °C

Standard connections

Inlet: 1/4 inch NPT female
Outlet: 1/4 inch NPT male

Design Features

Each Air Products' high pressure flexible is individually tested, cleaned for oxygen service and provided with an anti-whip cable to provide maximum safety in the unlikely event of a serious hose failure. They are designed to be used on changeover-manifolds as well as on regulators mounted on a back plate. The flexible's lifetime depends both on gas service and on pressurisation/depressurisation cycles' frequency.



Gas cylinder connected to a regulator mounted on panel

Ordering Information

- The stainless steel flexible hose is available in 1 m, 1.5 m and 3.0 m lengths.
- Teflon®/316L stainless steel flexible hose, specially designed for oxygen service, is available in 1.5 m lengths.

Order Code	Material	Length (m)
SS100	316L stainless steel	1
SS150	316L stainless steel	1.5
SS300	316L stainless steel	3
TSS150	Teflon®/316L stainless steel	1.5

Other connections are available. Please contact Air Products for details

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