

Stainless steel corrugated hoses  
 manufactured according to EN ISO 10380  
 for technical gases up to purity 6.0, free of oil and grease  
 cleaned according to the specifications of EN ISO 15001 & EN ISO 21969 (Medical gas systems)

**Hose Description**

Ø 6mm ST/ST bore convoluted hose (AISI 316L) +single braided ST/ST AISI 304 reinforcement.  
 Cleaned to oxygen standard  
 (Medical 02 acc. EN ISO 21969)

**End Fittings/Connections**

1/4" NPT Fixed Female- ST/ST

**International Standards approvals**

ISO 10380 – Corrugated metal hoses and hose assemblies

**Bending**

Min Bend Radius, dynamic 124mm, static 50mm

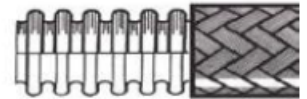
**Pressures**

Maximum Test Pressure 450 Bar Pneumatic  
 Working Pressure 300 Bar Minimum Burst Pressure 1200 Bar

**Hose Temperature Design**

-196°C / +550°C (please note the temperature reduction factor)

**DATENBLATT / SPECIFICATION**



Ausführung / Typ: Hochdruckschlauch mit einer Umflechtung / High pressure metal hose with one braid  
 Werkstoff Schlauch / Material metal hose: 1.4404 (AISI 316L)  
 Werkstoff Umflechtung / Material braid: 1.4301 (AISI 304)  
 Temperatur / Temperature: -196°C / +550°C\*

Abmessung / Dimension							Max. Druck bei 20°C / Max. pressure			Gewicht pro Meter in Kg / Weight per meter in kgs	Biegeradius / Bending radius in mm		Wellen pro Meter / Corrugation per meter
Size	DN	Wanddicke / Sheet thickness in mm	Anzahl Umflechtung / Braid layer	ID in mm	AD / OD in mm	Umflechtung Spezifikation / Braid specification	Betriebsdruck / Working Pressure (bar)	Testdruck / Test pressure (bar)	Berstdruck / Burst pressure (bar)		Dynamisch / Dynamic	Statisch / Static	
1/4"	6	0,3	1	6,00	11,40	0,40 x 5 x 24	320	480	1300	0,32	124	50	492