

# ST6-300 High-Pressure Stainless Steel Hose Assembly with Anti-Whip Cable Restraint



## Product Description

Corroflex® ST6-300 corrugated stainless steel (316L) high pressure hoses are manufactured in Germany according to EN ISO 10380 and supplied ready to use with 1/4" NPT female thread both ends. Suitable for use with all gases including Oxidizers, Inert, Flammable, Toxic, Corrosive and Specialist gases, up to and including level 6.0 purity.

## Features & Benefits

- Manufactured in Germany according to EN ISO 10380.
- Fully assembled anti-whip cable restraint with anti-kink spring fitted both ends.
- Cleaned according to according to EN ISO 15001 & EN ISO 21969 –and suitable for medical O2 and UHP (Ultra High Purity) gases.
- Test Certificate According to Directive 2014/68/EU available upon request.
- Max operating pressure 450 Bar.
- Manufactured from 316L Corrugated Stainless Steel covered with heavy duty stainless braiding.
- Temperature Range -196°C – 550 °C



Manufactured to EN ISO 10380

Heavy Duty Anti-Whip  
Restraint

Cleaned according to EN  
ISO 15001 & 21969

## Typical Industrial Gas Applications

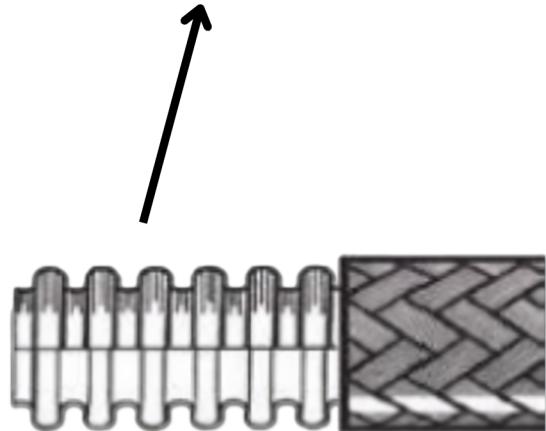
Part Number	Oxidisers	Inert	Flammable	Corrosive	Specialist	Other
CH0600-6SS	✓	✓	✓	✓	✓	Contact Sales
CH1000-6SS	✓	✓	✓	✓	✓	Contact Sales
CH1500-6SS	✓	✓	✓	✓	✓	Contact Sales
CH2000-6SS	✓	✓	✓	✓	✓	Contact Sales
CH3000-6SS	✓	✓	✓	✓	✓	Contact Sales
CH4000-6SS	✓	✓	✓	✓	✓	Contact Sales
CH5000-6SS	✓	✓	✓	✓	✓	Contact Sales

# ST6-300 TECHNICAL DATA



Dimension	Hose Connections	2 x 1/4" NPT Female
	Sheet thickness (mm)	0.5
	Braid Layer	1
	ID (mm)	6.00
	AD / OD (mm)	11.40
	Braid Specification	0.40 x 5 x 24
Max. Pressure	Working Pressure (bar)	320
	Test Pressure (bar)	450
	Burst Pressure (bar)	1300
Weight per meter (Kg)	0.32	
Bending Radius (mm)	Dynamic	124
	Static	50
Corrugation / meter	492	

316L Corrugated Stainless Steel



Heavy Duty Stainless Braiding

Your local distributor:



**INOX**  
HOSES GLOBAL

INOX HOSES (GLOBAL) LTD  
OLYMPIC HOUSE, COLLETT, SOUTHMEAD  
PARK, DIDCOT, OX11 7WB  
+44 (0)1235 515100  
SALES@INOXHOSES.GLOBAL  
INOXHOSES.GLOBAL



inoxhoses.global