

# 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 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

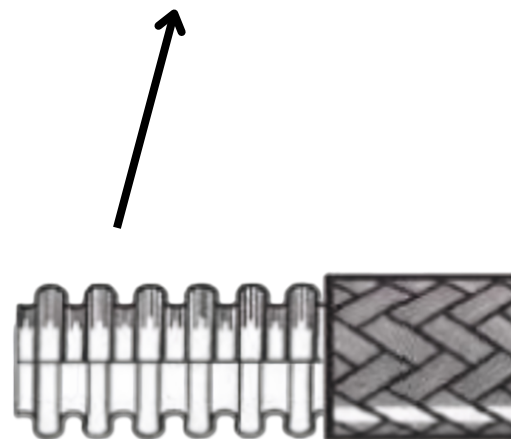
| Part Number | Oxidisers | Inert | Flammable | Corrosive | Specialist | Other         |
|-------------|-----------|-------|-----------|-----------|------------|---------------|
| CH0600-6SS  | ✓         | ✓     | ✓         | ✓         | ✓          | Contact Sales |
| CH1000-6SS  | ✓         | ✓     | ✓         | ✓         | ✓          | 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 / 1/4" NPTF x 1/4" NPTF 90Degree |
|                       | 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:



**AES Group**, Olympic House, Collett,  
Southmead Park, Didcot, Oxfordshire, OX11 7WB  
 01235 510717 [orders@aes-sales.com](mailto:orders@aes-sales.com)  
[aes-sales.com](http://aes-sales.com)



Certificate No. 13319