

Company Profile



Your Specialists in High Pressure HoseSM

SPIR STAR Druckschläuche AG
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Germany

SPIR STAR France
6, Rue Clément Ader
Z.A. de l' Aérodrôme
67500 HAGUENAU
France

Your Specialists in High Pressure HoseSM

Core Business



Production of :

**Spiralized, Thermoplastic
High Pressure Hose**

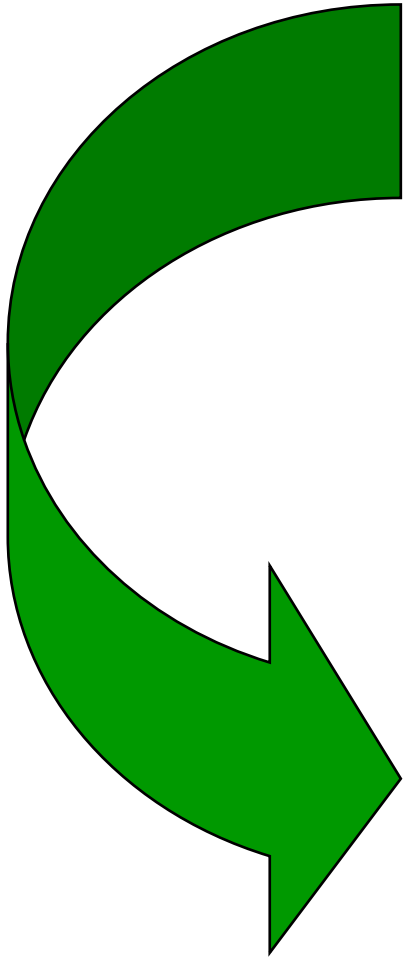
Working Pressure :

Up to 3200 bar (46400 psi)

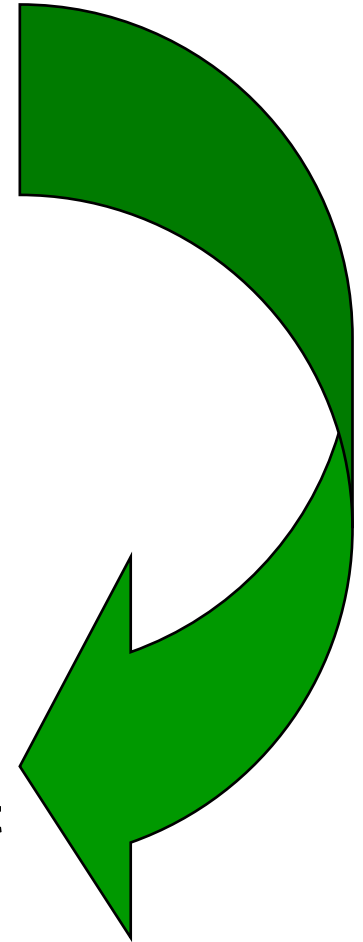
Inner diameter :

Up to 25 mm (1")

Capabilities



- **Over 100 different hose types**
- **400 bar to 3200 bar**
- **ID : 3 mm to 25 mm**
- **Spiral reinforced**
- **Variety of inner core materials**
- **Variety of outer covers**
- **Lightweight**
- **Long, continuous lengths**
- **State of the art testing equipment**





- **Inner core :**
PA, POM, PVDF or PTFE
- **Reinforcement :**
Up to 8 layers of high tensile steel wires
- **Outer cover :**
PA, PUR or PVDF

Applications



Water Blasting



Oil & Gas Industry



**High Pressure
Hydraulics**



Automotive



SPIR STAR[®]

HIGH PRESSURE HOSES

SPIR STAR Hoses main applications



- Heat exchanger tube cleaning
- Pipe cleaning
- Surface preparation



- Hydraulic tooling



- Waterblasting, cleaning



- High pressure hydraulics
- Bolt tensioning
- Surface preparation, concrete removal



SPiR STAR®

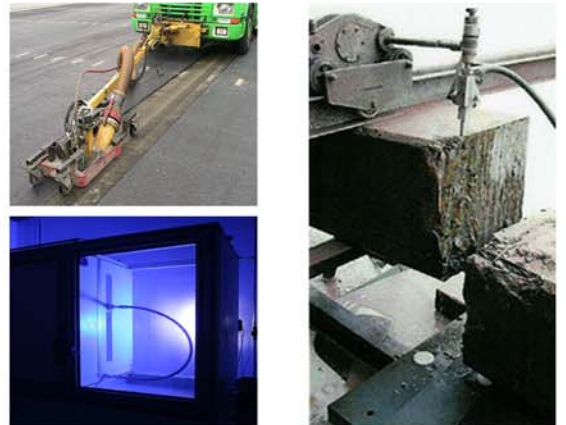
HIGH PRESSURE HOSES



- High pressure hydraulics
- Hydrodemolition
- Surface preparation
- High pressure applications



- Water jet cutting
- Hydroforming
- Testing at extreme high pressures
- Extreme applications



Hoses types	Inner diameters	Working pressures
Hoses types 2	From 3 to 25 mm.	From 440 to 1200 Bar
Hoses types 2 W & 2WR	From 4 to 25 mm.	From 640 to 1400 Bar
Hoses types 4 & 4 H	From 3 to 25 mm.	From 900 to 2160 Bar
Hoses types 6 & 6 H	From 3 to 25 mm.	From 1400 to 2800 Bar
Hoses types 8 & UHP	From 4 to 16 mm.	From 2000 to 3200 Bar

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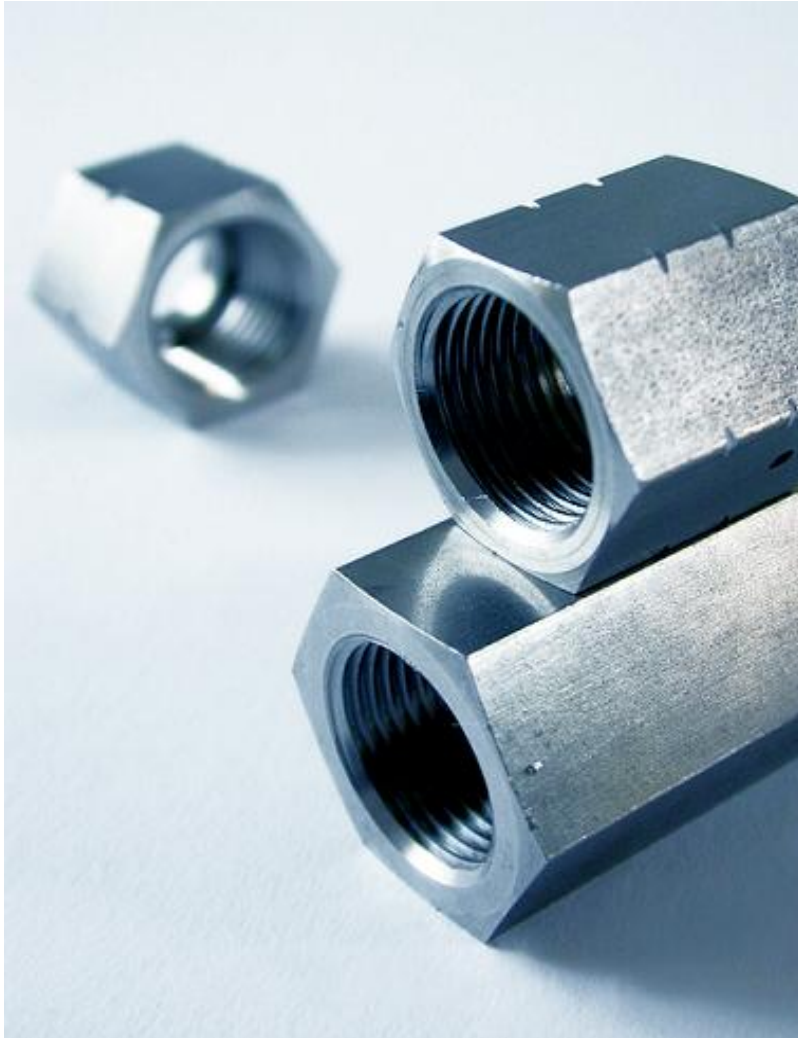
Phone : 03 88 93 22 23

Fax : 03 88 93 22 24

Web : www.spirstar.fr

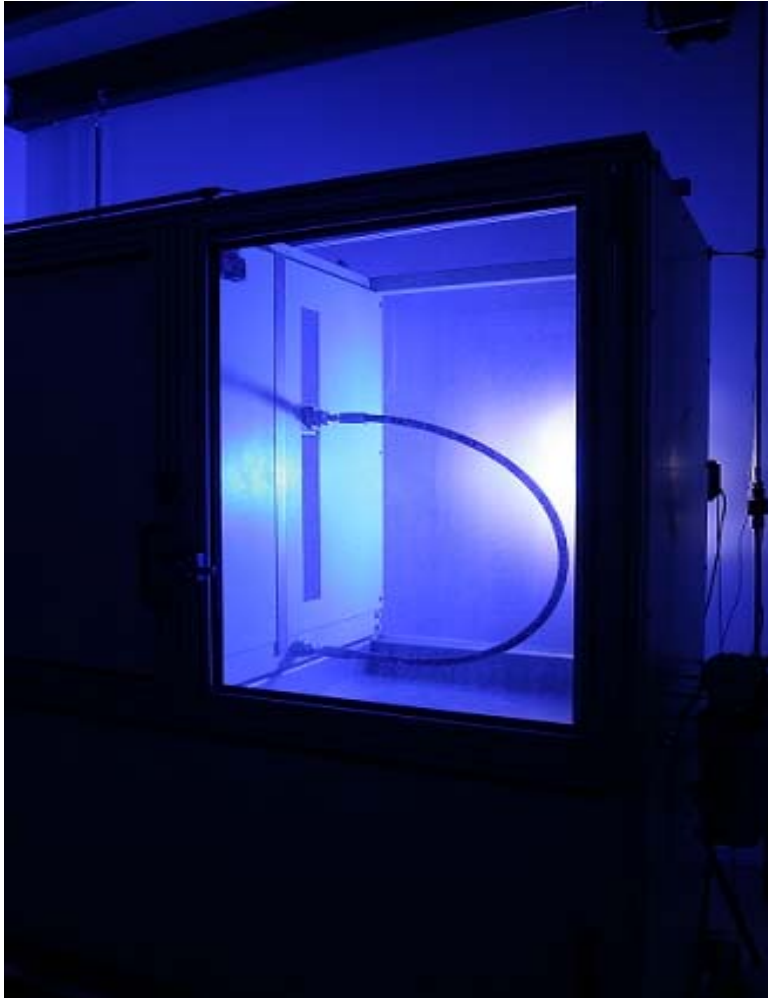
E-mail : spirstar@spirstar.fr

General overview fitting range



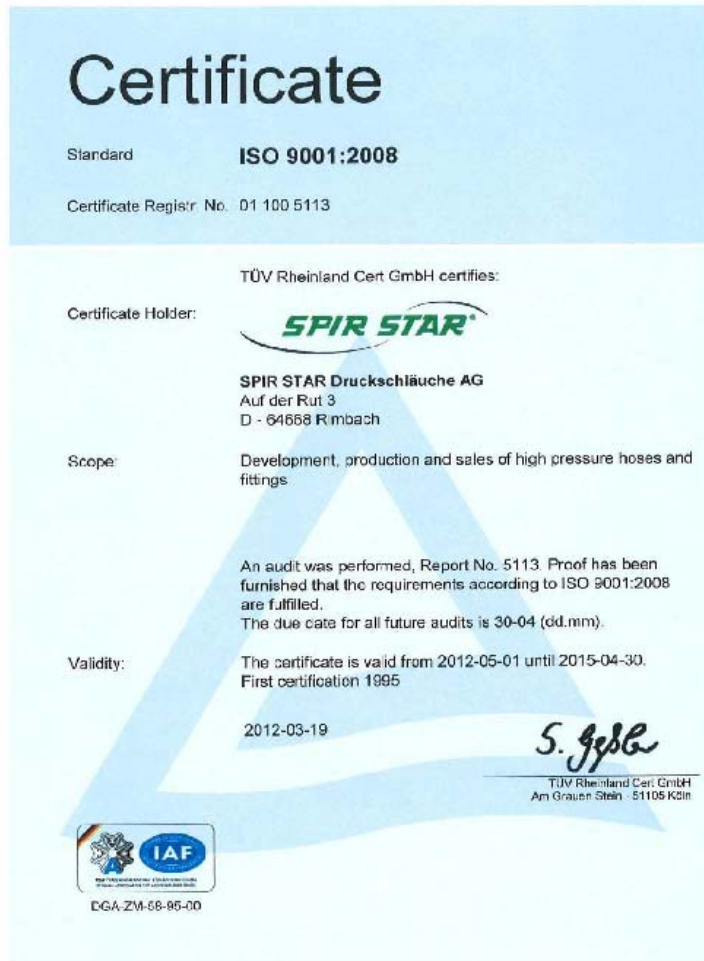
- **More than 500 different fittings**
- **Material :**
 - Carbon Steel
 - Stainless Steel (AISI 303, AISI 316Ti, 17-4PH)
- **Variety of connections :**
 - DK (metric and BSP female swivel)
 - DKOS (metric female swivel with O-Ring heavy series)
 - HP-Fitting
 - Metric and BSP male
 - NPT and NPTF male
 - JIC
 - Type M

SPIR STAR hoses are qualified through rigorous testing at our facility.



Test equipment for :

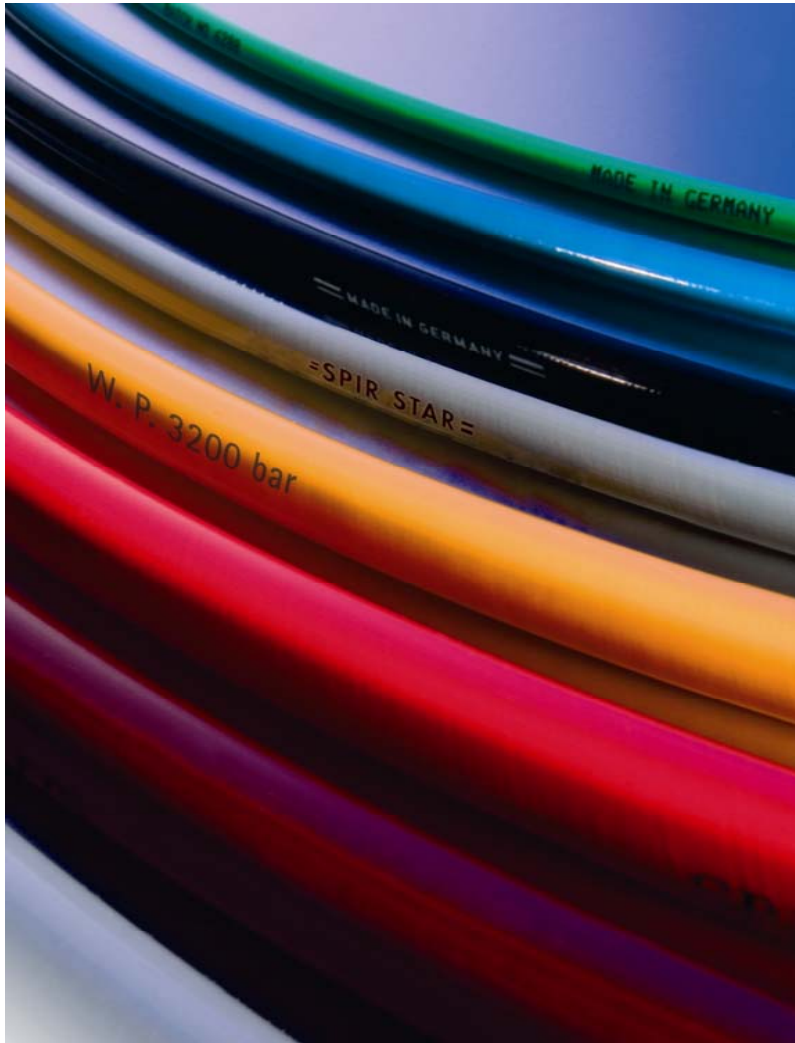
- Collapse pressure test
- Fitting retention test
- Burst test
- Leakage test (Offshore)
- Proof pressure test
- Impulse test
- Change in length test
- Volumetric expansion test



Demands for the highest standards of quality and safety

- In-house test facility
- Testing of all hose assemblies at 1.5 times the working pressure
- DIN EN ISO 9001:2000 certification
- Traceability of materials
- Proven QM-System

Advantages of thermoplastic hose



- Extremely high working pressures
- Up to 50% saving of weight
- High resistance against abrasion
- Low volumetric expansion
- Long lengths up to 4 500 m.
- High impulse resistance and long service life

