

S[★] Company Profile



SPIR STAR[®]

HIGH PRESSURE PERFORMANCE

About us

Since 1989, SPIR STAR® has been a leading international manufacturer of ultra-high-pressure thermoplastic hoses with spiralized steel wire reinforcements for pressure ranges from 250 bar (3,600 psi) to 4,000 bar (58,000 psi) and inner diameters from 3 mm to 32 mm.

As a complete and reliable partner in the ultra-high-pressure area, the product range has also been expanded to include high-pressure valves, adapters, tubing, and couplings. Thanks to its high-quality products combined with excellent customer service, SPIR STAR® is an established player in the waterjet, hydrogen, hydraulic, oil & gas and automotive industry segments.

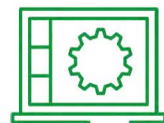
Our Focus

For SPIR STAR®, customer satisfaction comes first.

We achieve this through close and open cooperation with our customers, high-quality products and first-class service.



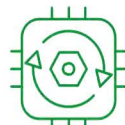
SAFETY



QUALITY



SERVICE



INNOVATION



ENVIRONMENT

SPIR STAR®

HIGH PRESSURE PERFORMANCE

Sustainability

The concept of sustainability is firmly anchored in the family-owned company SPIR STAR®. We assume responsibility in our region. We are constantly looking for further environmental measures internally as well as further implementations on our company premises in order to make our contribution to sustainability. Here, we seek advice from various environmental experts and receive professional support during implementation.

Since 2019, we have been doing our part to preserve biodiversity. Here we have created feeding areas as well as habitats for various animal and plant species on the company premises. So far, we have implemented a number of biodiversity measures, including structural diversity in the form of deadwood, open ground, rock piles, etc. In addition, only native wild perennials, shrubs and certified regional seeds are used.

PHOTOVOLTAIC SYSTEMS



E-CHARGING STATION



100% GREEN ELECTRICITY



WATER TREATMENT



Quality & Safety

When working with ultra-high pressures, tragic accidents can quickly occur if the product is used incorrectly or due to low product quality. To give our customers the necessary safety and confidence in our products during use, product quality is our top priority. Owing to the high creativity of our employees, we have been able to constantly further develop our products over the past decades. In doing so, we always try to exceed the expectations of our customers.

Throughout the manufacturing process, we use only high-quality materials and can ensure consistent quality of our high-pressure hoses due to strict production and testing guidelines. Since our hose products are manufactured and inspected according to industry standards, a large number of our products are certified according to current standards such as DIN EN 1829-2 or ISO 19880-5.

To achieve this, tests are performed on our hoses using state-of-the-art testing equipment, such as impulse test stands, volumetric expansion measuring devices, external pressure resistance, tensile strength as well as burst pressure testing equipment. In addition, each completed hose assembly is pressure tested again before shipment. On request, we will be happy to issue a corresponding test certificate according to EN 10204.

SPIR STAR® AG has been a DIN EN ISO 9001 certified company since 1995 and thus guarantees the complete documentation of the processes. Thanks to our proven QM system, it is possible to trace all raw materials used for production at any time.



Products & Applications

HOSES



SPIR STAR® has specialized in the production of ultra-high-pressure thermoplastic hoses. We have developed a wide range of hose types and connections to meet the complex and demanding requirements that arise in the industries.

VALVES



SPIR STAR® ultra-high-pressure valves are specifically designed for liquid and gaseous media applications and are available with a wide variety of thread types as needle, ball, pressure relief or check valves.

ADAPTER



In order to connect hose lines or to always have the right connection element at hand in pressure systems, SPIR STAR® offers a variety of adaptation options.

TUBING



SPIR STAR's® high-pressure tubing, which can be used in the pressure range up to 4,140 bar / 60,000 psi, has a standard length of 6 m. It is seamlessly drawn from stainless steel, which gives it its high quality and safety.

COUPLERS



Regardless of the industry, SPIR STAR® offers cross-industry solutions of various quick disconnect couplers. The maximum possible working pressure is 2,070 bar / 30,000 psi.

Industries

WATERJET



OIL & GAS



HYDROGEN



ULTRA-HIGH-PRESSURE
HYDRAULICS



AUTOMOTIVE



SPIR STAR® AG - WORLDWIDE

GERMANY

SPIR STAR® AG

Headquarters

64668 Rimbach (Mitlechtern)

+49 (0) 6253-9889 0

info@spirstar.de

FRANCE

SPIR STAR® FRANCE SAS

67500 Haguenau

+33 (0) 388-9322 23

spirstar@spirstar.fr

ASIA

SPIR STAR® ASIA PTE Ltd.

Singapore, 628833

+65 (0) 6-265 3011

sales@spirstarasia.com

USA

SPIR STAR® Ltd.

Houston, Texas, 77064

+1 (0) 281-664 7800

info@spirstar.com

CHINA

SPIR STAR® CHINA Co., Ltd.

Shanghai, 201108

+86 (0) 21-3463 5159

sales@spirstarchina.com

