

Swagelok®

# Engineered For Success

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# Success is More Than Quality Components

Quality components are fundamental for maintaining your safety, performance, and credibility. But, quality components alone will not help you achieve the consistency necessary for long-term success. To sustain your success, you need a supplier that not only provides high-performance components, but also offers tailored and comprehensive support to strengthen your business. For more than 65 years, the Swagelok offering has improved the operations of many critical applications across several industries. Our track record extends to alternative fuels; we have served the industry in thousands of infrastructure projects, passenger, and commercial vehicles around the world for more than 30 years.

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Swagelok products meet strict manufacturing quality requirements to ensure that products perform optimally and consistently – without failure. Several of our products also meet or exceed compliance and standard measures including AGA, CGA, CSA, ECE, ISO, NGV, and PED to name a few. Please contact your local Swagelok authorized sales and service center to find appropriate product solutions for your system.





# Swagelok Certified Training

Our extensive network of trainers can provide you, your associates, installers, and maintenance vendors with a wide range of training to minimize installation and maintenance errors and ensure your system maintains its reliability. Course completion is quick and on-site at any of our authorized sales and service centers around the globe. Our training programs include:

- Tube Fitting Installation Essentials
- Tube Fitting Inspection Essentials
- Tube Bending Essentials
- Hose Essentials





# Energy Audits & Services

Improve the performance of your fuel station or vehicle with energy audits, and training by our authorized sales and service centers. Leakage costs the industry a significant amount of money each year. The performance of any system carrying a gaseous or liquid medium is often difficult to guarantee. We are prepared to offer you the manpower and resources to help you investigate the leakage in your system and add money to your bottom line by reducing inefficiencies due to leaks. In addition to our leak detection services, we offer hose advisory, product selection, and asset management services that enable you to select and maintain products for your system so you can operate productively and efficiently.





# Supply Chain

Our global capabilities and local availability ensure that you get the products, service and attention you need where you need it, when you need it. Around the world, Swagelok has 200 authorized sales and service centers with expertise to help you conserve costs and resources. We can make you more competitive in the industry through:

## Emergency Product Delivery Service

We'll deliver products, back up equipment and service around the clock, seven days a week, 365 days a year.

## Large Scale Inventory Management

We'll synchronize with your other suppliers in your supply chain to manage inventory at your site so the products you need are always available.

## Inventory Consignment

We'll keep inventory onsite but not on your books until you need it.





# Customization

When a product is a close match for your system but needs a few changes to be a perfect match, our Engineered-To-Order Products (ETOPs) are tailored to your specifications. ETOPs are one-of-a-kind parts. Talk to your local authorized Swagelok representative about the custom components you need.

Our expertise goes beyond component modifications. Whether you're involved in CNG infrastructure, heavy or light duty applications, our associates can optimize and fabricate customized solutions based on your specifications. Our system configuration methods, including the tools and equipment used, are standardized at every Swagelok authorized sales and service center so you receive the same build, craftsmanship and technical expertise for your solution anywhere in the world. A Swagelok® Custom Solution enables you to minimize time and resources spent on production; helping you remain agile during market up and down turns. Samples of our solutions for alternative fuels include:

- Fuel Line Integration
- CNG Priority Panels
- Dispensing Systems
- Heavy Duty Refueling Boxes
- CNC Tube Bending





# Regulators

## RHPS SERIES & K SERIES PRESSURE REGULATORS

The RHPS Series & K Series regulators can withstand pressures up to 10 150 psig (700 bar) and come in spring-, dome-, and air-loaded varieties. Both series are suitable for most gases and liquids, including aggressive fluids.

[RHPS SERIES LEARN MORE](#) ➤

[K SERIES LEARN MORE](#) ➤





# Ball Valves

## Alternative Fuel Service (AFS) Ball Valves

Our AFS ball valve is designed with patented seat-loading technology that provides leak-tight integrity in both low- and high pressure systems. The valve's ultralow-temperature fluorocarbon material provides sealing capability over the full temperature range and working pressures up to 6000 psig (413 bar).

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## 83 Series High Pressure Ball Valves

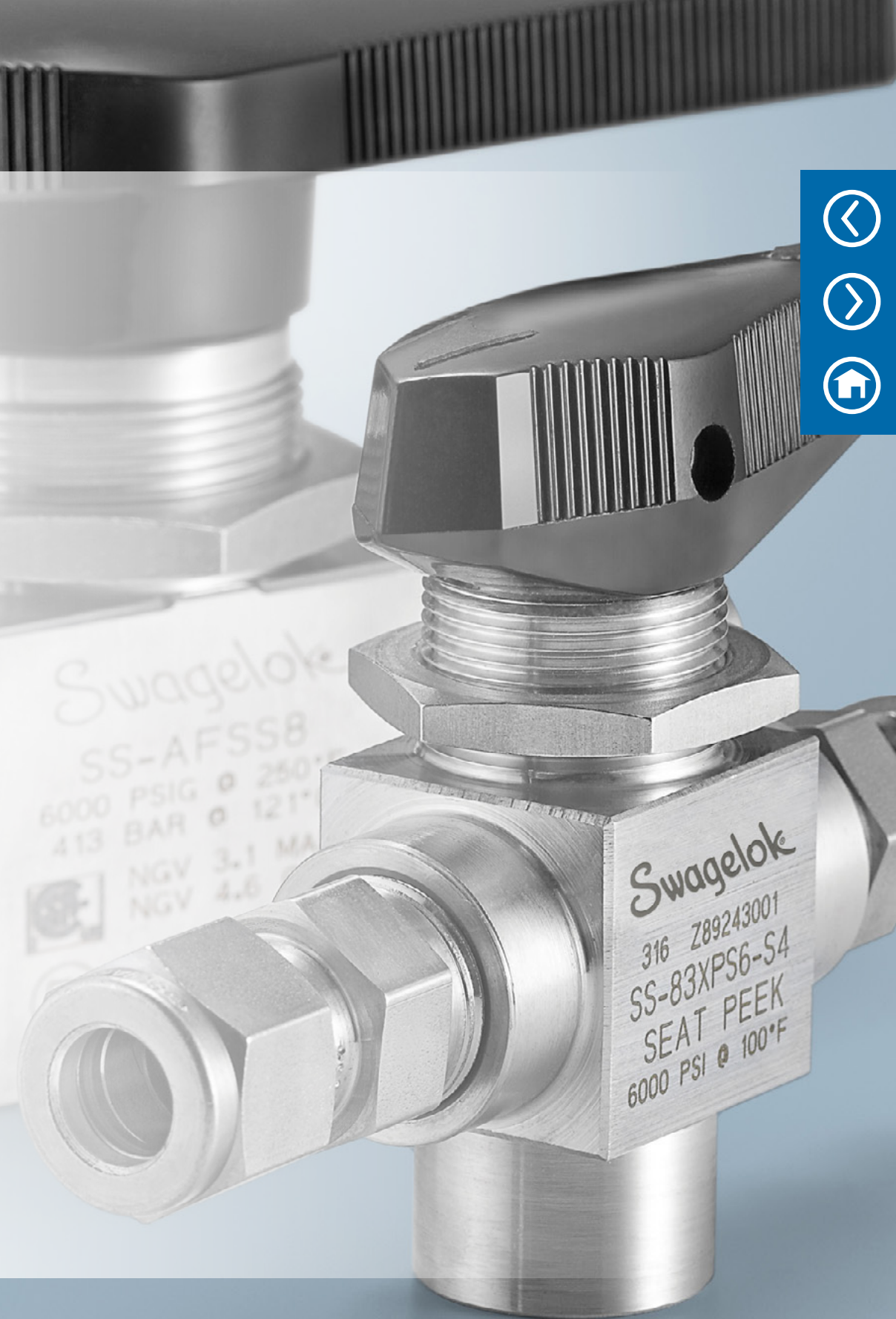
Built for compact, maximum flow-through for two-way and three-way service, the ball valve's spring-loaded seats provide leak-tight integrity in both low- and high-pressure systems with working pressures up to 6000 psig (413 bar). The trunnion-style ball and bottom-loaded stem prevent blowout and enhance system safety.

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## SK Series Multipurpose Ball Valves

Swagelok SK series ball valves offer low-torque, quarter-turn operation in a compact design, providing positive shutoff in applications up to 6000 psig (413 bar).

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# Check & Relief Valves

## CH Series Check Valves

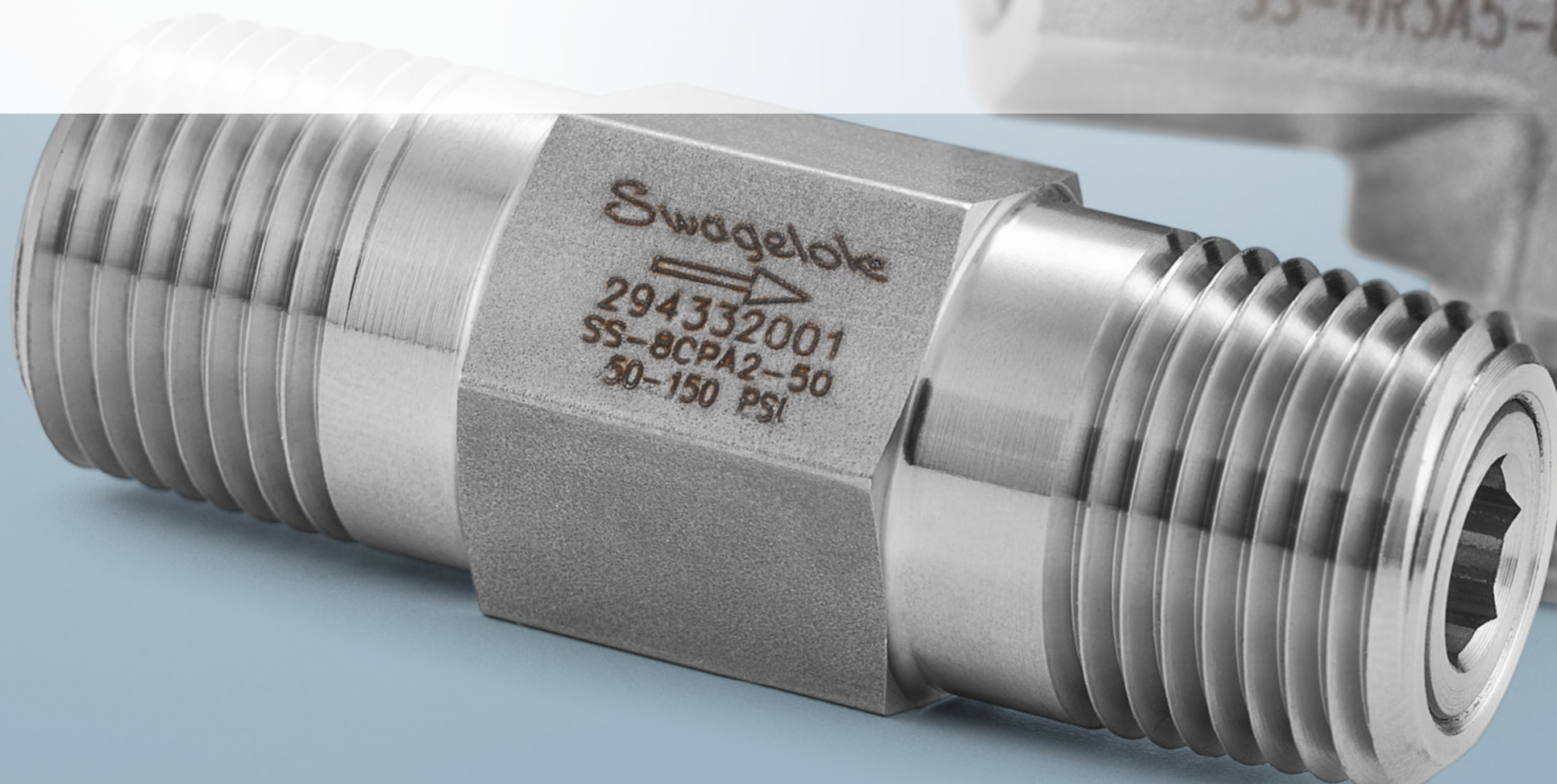
With fixed cracking pressures up to 6000 psig (413 bar) the CH series check valve offers a leak-tight solution with a variety of end connections in 316 stainless steel

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## PRV Series Proportional Safety Relief Valves

Made for gas and liquid service, our PRV series proportional safety relief valves are designed for easy set adjustment from 145 to 5800 psig (10.0 to 400 bar) in an all 316 stainless steel construction.

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# Pressure Gauges

## Stainless Steel Industrial Pressure Gauges

Our gauges provide accurate pressure measurement for industrial applications. They are offered in a wide range of pressure ranges, dial sizes, connections, mountings, and options to support your requirements.

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# Filters

## TF Series Tee-Type Filters

TF series filters are available in a range of filter sizes with a choice of sintered and strainer elements—replaceable without removing the body from the system. TF series filters are suitable for applications with pressures up to 6 000 psig (413 bar).

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# Fittings

## Swagelok® Tube Fitting

The Swagelok tube fitting offers a reliable connection, fast installation with no special tools required, and consistent component geometry for uniform, repeatable performance. Extra advantages include a robust tube grip, leak-tight gas seal, excellent vibration resistance and easy assembly by hand for fast assembly and re-make.

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## Jacketed Tube Connector

A companion piece to Swagelok jacketed tubing, the Swagelok jacketed tube connector is designed to connect jacketed tubing systems while protecting tubing from external degradation in corrosive environments. The jacketed tube connector's patent-pending design combines proven tube fitting technology with an O-ring seal and an innovative, environmental jacket seal nut, providing a leak-tight seal on the stainless steel core of the jacketed tubing and a water-tight seal on the outer diameter of the jacketed tubing.

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# Tubing

## Metal Tubing

We understand that your applications are nuanced and may need more than a one-size-fits-all solution, which is why we offer an extensive array of fractional and metric tubing. We have a wide range of surface finishes, materials, diameters, and wall thickness to suit your individual needs.

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## Multijacketed Tubing

Swagelok multijacketed tubing provides protection against galvanic and atmospheric corrosion and protects the tubing against wear and abrasion. In addition, it reduces costs by enabling installation of up to four tubes at once.

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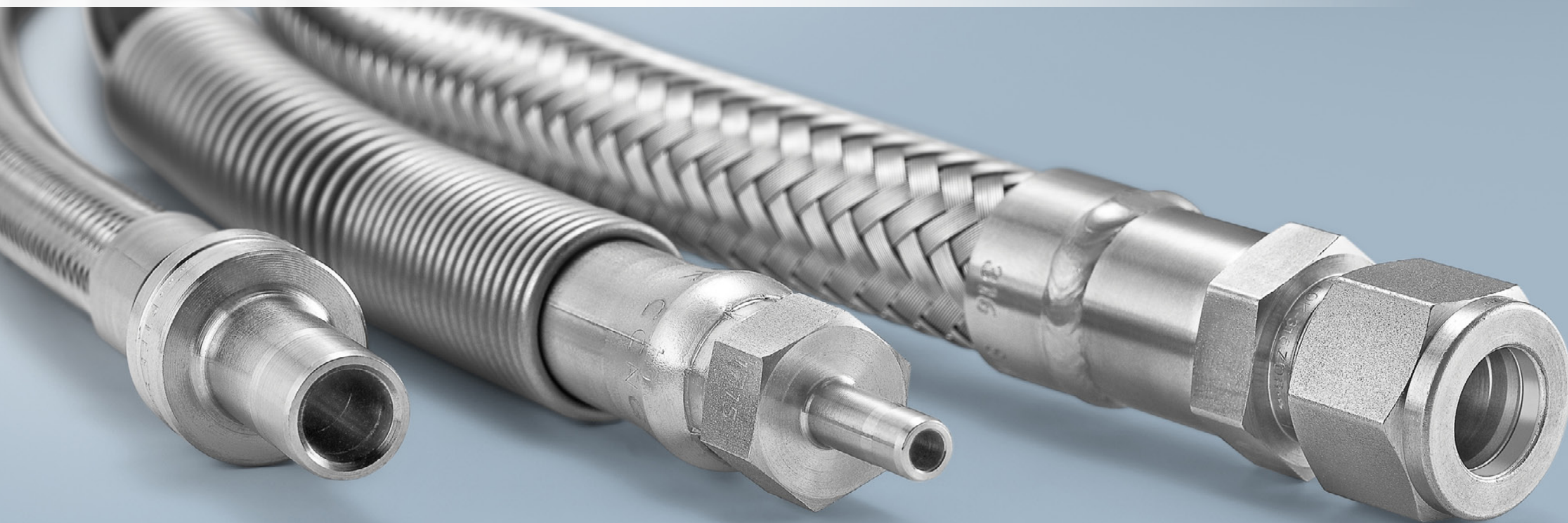




# Hoses

Each hose is assembled with your choice of Swagelok® tube fitting end connections. Available in single, twin or vent styles, and suitable for light and heavy duty applications, our TC series hose offers low pressure conveyance while our 8R series hose is suitable for low- and high-pressure on-vehicle applications. For additional on-vehicle and dispensing infrastructure applications, our NG series hose is designed to meet the demands of on vehicle fuel system applications..

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# Tools & Accessories

## Welding System M200 Power Supply

Our award-winning welding system M200 power supply enables more accurate and efficient orbital welds. The M200 features an easy-to-use, high-resolution, 12.1 in. (30.7 cm) color industrial touchscreen which enables users to choose from multiple weld programs. The system also includes automatic shield gas control and multilanguage capability, as well as universal voltage input from 100-230 volts.

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TOOLS & ACCESSORIES](#) 





# Tools & Accessories

## High-Volume Swaging Unit

Designed to increase safety and productivity, the high volume swaging unit enables installers to easily preswage Swagelok nut-ferrule sets onto stainless steel tubing to keep up with rigorous production demands. The pneumatically driven and electronically controlled semiautomatic unit uses sensors to start and stop the process for consistent preswaging results.

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## Accessories

High-quality systems and components need high-quality tooling accessories to get the job done efficiently, accurately and safely. Our line of accessories is designed with optimal performance in mind so your installation and maintenance operations go smoothly, saving you time, money and resources in the long run.

Our accessories include:

- Tube Benders
- Tube Preparation Tools
- Tube Support Systems

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To inquire about alternative fuels products and services in your local area, please contact your local authorized sales and service center

CONTACT 

