



# ENGINEERED TO PERFORM UNDER PRESSURE



SAFETY AND INSTRUCTIONAL GUIDE

CONTINUE 





## TUBE FITTING INSTALLATION

Properly installing Swagelok tube fittings creates reliable leak-tight seals with robust tube grip and vibration resistance. Learn how to properly install our tube fittings below.

[Tube Fitting Installation Video](#) ▶  
[Tube Fitting Assembly \(1 inch and under\)](#) ▶





## VALVE SELECTION:

Swagelok offers a wide variety of high-performance valve options. Selecting the correct valves for your application ensures the system is safe, dependable, and operates as intended.

We rigorously test every valve and end connection we make for quality and performance so you can be confident they deliver unparalleled value and low total cost of ownership.

[Contact](#) Swagelok Michigan | Toledo for more information or questions about regulator selection or visit our [website](#).

[Swagelok AFS Ball Valve](#) 

[Swagelok SK Ball Valve](#) 

[Valve Selection](#) >



## CUSTOM SOLUTIONS:

Swagelok Custom Solutions offers completed assemblies of all sizes built by our certified Swagelok technicians. CS assemblies offer the same quality, safety, and reliability as Swagelok components and backed by our Limited Lifetime Warranty.

Whether you have a preliminary drawing or just the glimmer of an idea, it's not too early to consult with our fluid system experts. From quote to delivery, we can provide the detailed support you need.

More information on CS [>](#)



## OXYGEN SYSTEM SAFETY:

The design and operation of oxygen systems are the responsibility of the users who should obtain qualified professional assistance to ensure their safe use of oxygen.

This technical report is an overview of the unique concerns that must be addressed in order to handle oxygen safely. It is based on information found in the many source documents available from the publishers listed and is provided as a service to our customers. We are not oxygen experts or engineering consultants.

More information [>](#)

Contact your local sales and service representative







## REGULATORS

Reliable pressure control is essential to the safe operation of your fluid systems.

Swagelok offers a wide variety of high-performance regulator options. Selecting the correct regulators for your application ensures the system is safe, dependable, and operates as intended.

We have two great webinars led by Swagelok's industry expert Jon Kestner.



- Regulator Behavior: Troubleshooting, Selection, and Use
- Pressure Regulator Performance: A discussion of Lock-up, Droop and Choked Flow

[Contact](#) Swagelok Michigan | Toledo for more information or questions about regulator selection. More information can also be found by visiting our [website](#).



## THREAD SEALANT:

Unlike Swagelok tube fittings, threaded connections create a seal in the threads using PTFE tape or thread sealant. Proper PTFE tape and thread sealant is an important step in safe leak-tight seals. Swagelok offers a wide range of PTFE tape and thread sealant options. Learn more about proper PTFE Tape application, thread sealant application, and Swagelok thread sealant products here.

SWAK Application   
PTFE Tape Application 


More information [>](#)



## TRAINING

Swagelok Michigan | Toledo offers a variety of training classes that teach attendees about a variety of products, safe product selection and handling, proper installation procedures, and more. Knowledgeable Swagelok associates lead the training classes and offers attendees a hands on and informative learning experience, informative literature takeaways, and allows students to handle actual Swagelok products and tools.

Using a Hand Tube Bender 

Get involved with our training options 



## ADDITIONAL INSTRUCTIONAL VIDEOS AND DIGITAL REFERENCES

- ▶ Identifying Thread Pitch & Size
- ▶ Cap Assembly
- ▶ Tube Adapter Assembly (1 inch and Under)
- ▶ Port Connector Assembly
- ▶ Plug Assembly

## SOCIAL MEDIA

LinkedIn  
YouTube

## WEBSITE

[michigan.swagelok.com](http://michigan.swagelok.com)



## CONTACT US

Contact your local sales and service representative  
248.474.6624



