

# System Optimizers



Presenting two globally proven and trusted **Swagelok Product Solutions** that will help significantly improve your overall fluid-handling performance, productivity, and profitability – *in even the most challenging applications and operating environments:*

## Swagelok 60-Series Ball Valves

*Our MVP (Most Versatile Performer)*

- Quarter-Turn
- Operational in a fully open or fully closed position
- Low Emissions
- Awarded an API 641 Test Certificate for Methane service
- Feature a unique, swing-out design for fast and easy in-line maintenance
- Offered in stainless steel, carbon steel, brass, or special alloy bodies
- Available with a wide array of end connections and handles
- On-Off or Switching models
- Compensating seat design accommodates low/high cycling pressures
- Seat material options: reinforced PTFE, Carbon/Glass PTFE, UHMWPE, and more

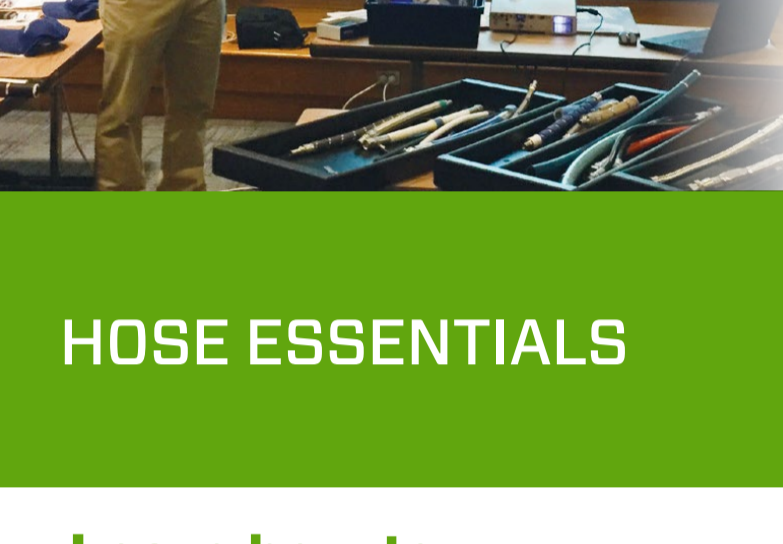
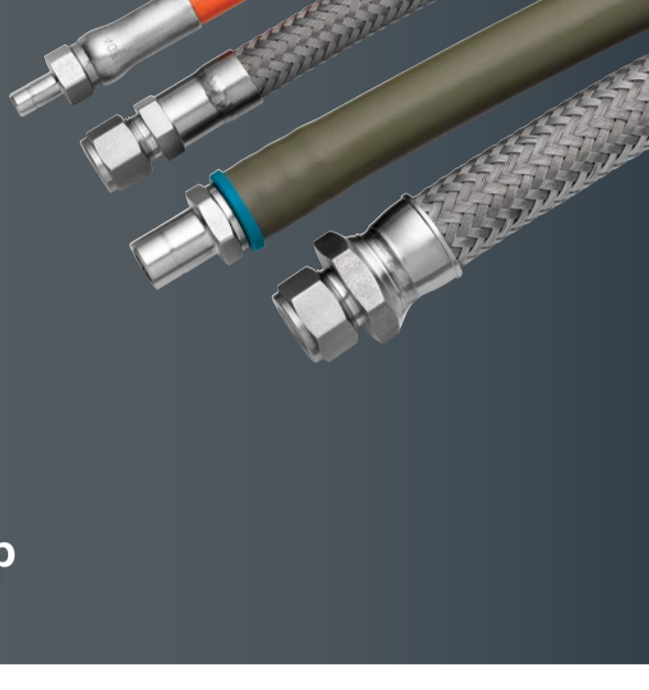


## Swagelok Industrial Hoses

*Our Leak-Tight Standouts*

*for flexible connections between stationary and moving equipment, connections that are temporary or involve frequent disconnects, or to isolate from high-vibration equipment...*

- Available with All-Metal, Fluoropolymer, PFA, Vinyl, Nylon, Polyethylene, or Rubber cores
- Offered in 1/8" to 2" diameters
- Accommodate working pressures up to 6000 psig
- For temperature ranges from -325°F to 1000°F
- 11 End Connections | 6 Covers | 4 Tags
- Easily cleaned
- No media entrapment or pressure drop



**Plus, register today for Swagelok Safety Training for either product:**

### HOSE ESSENTIALS

**Duration: HALF DAY**

#### Learn how to:

- Evaluate hose fit for purpose
- Route and size hose per application
- Apply the proven STAMPED methodology for optimum hose/end connection selection
- Clean and store hose
- Inspect and maintain hose



### VALVE ESSENTIALS

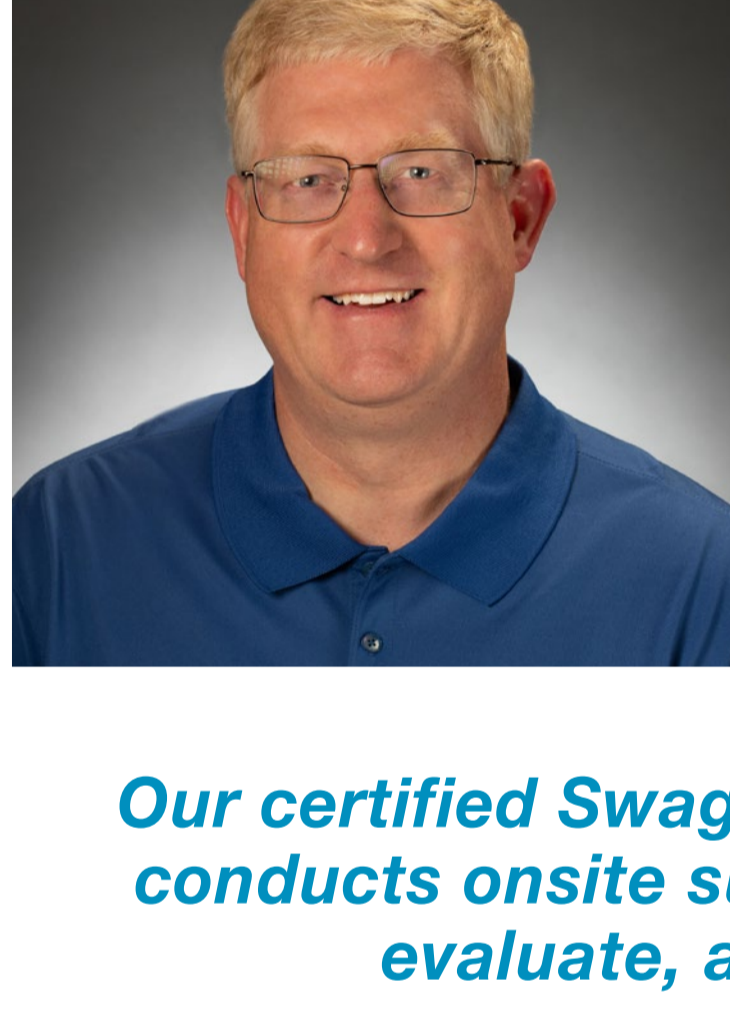
**Duration: HALF DAY**

#### Learn how to:

- Select, troubleshoot, and maintain valves
- Understand numerous valve types, operations, and functions
- Interpret a flow curve and pressure/temperature tables



**Combine our Valve and Hose classes for a full day of in-depth, cost-effective, product/application training!**



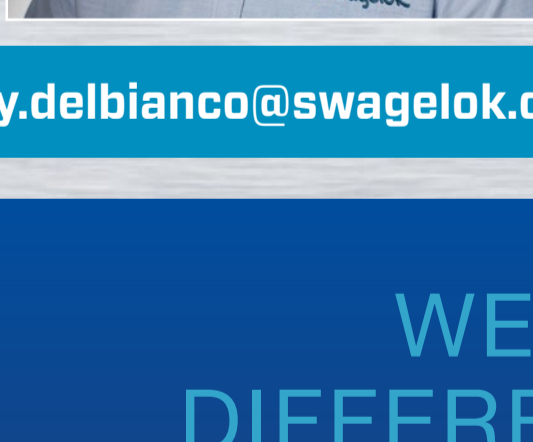
**Mike Gagel**  
*Strategic Support Services Specialist*

**Our certified Swagelok Hose Advisor conducts onsite surveys to look for, evaluate, and report:**

- Broken Wires
- Abrasion
- Corrosion
- Ovality
- Stiffness/Hardness
- Color Changes
- Cover Blisters
- Leakage
- Motion
- Improper Sizing
- Damaged Reinforcements
- Correct Type for Application
- Operating Conditions: Pressure, Temperature, Flow...
- Environmental Factors: Temperature, Humidity...
- Kinks/Flat Spots
- Cleaning and Storage Practices
- ....and so much more!

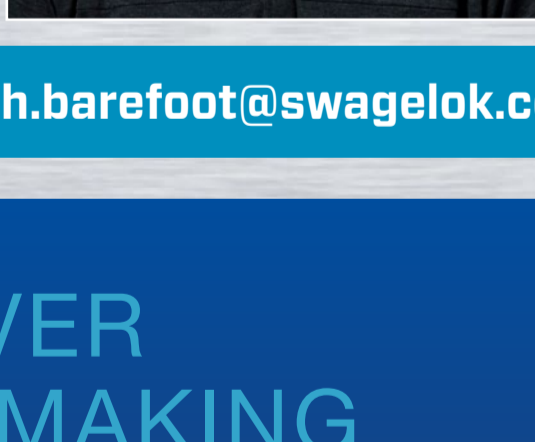
**For complete details on ALL premium-quality Swagelok Components and value-added Strategic Support Services, contact:**

**Tony Del Bianco,**  
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**Zach Barefoot,**  
Manager – Business Development



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## WE DELIVER DIFFERENCE-MAKING SOLUTIONS:

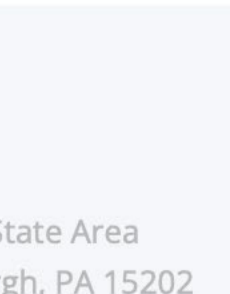
Products | Strategic Support Services | Application Know-How



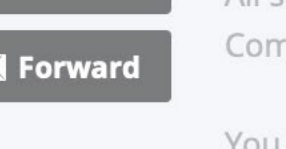
**The Brand. The Inventory. The Expertise.**

**WE'RE YOUR SWAGELOK FLUID-SYSTEM SOLUTION**

 <b>Industry-Best Componentry</b>	 <b>Masterful Custom Fabrication</b>	 <b>Expert Safety Training</b>	 <b>Extensive Energy Evaluations</b>
 <b>Unparalleled Application Knowledge</b>	 <b>Comprehensive Hose Advisories</b>	 <b>Proven Inventory Management Support</b>	 <b>Genuine Swagelok Tool Rentals</b>



WE CAN HELP YOU SAVE TIME, MONEY, AND WORRY:



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