



# Hose Essentials

*Presented Locally by Pittsburgh Valve & Fitting Company:  
Your Swagelok Hose Pros*

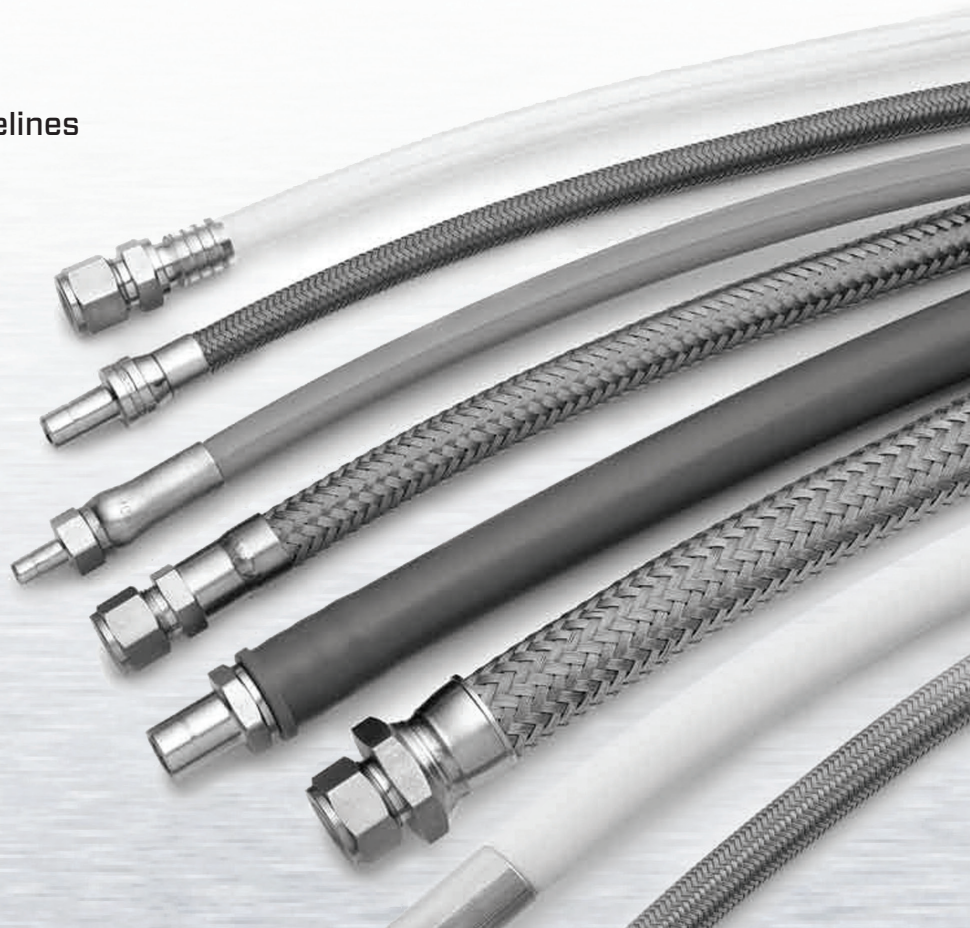


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# Course Content

- What is a Hose?
- Why Use Hose
- When Not to Use Hose
- Hose Life
- Hose Assembly Components
- Core
- Reinforcement/Braided
- Covers/Tags
- End Connections
- Application Variables
- STAMPED: Size / Temperature / Pressure
- STAMPED: Media
- STAMPED: End Connections and Accessories
- STAMPED: Delivery
- Hose Inspection (Survey and Frequency)
- Routing Considerations
- STAMPED: Applications
- Hose Length Considerations
- Hose Cleaning
- Hose Storage
- Hose Supplier Selection Guidelines
- STAMPED: Example



# Course Objectives

Upon completion of this course, you should be able to:

- define common Hose terms and terminology
- describe how to evaluate Hose fit for purpose
- discuss Hose selection variables
- describe guidelines for Hose installation
- list common issues related to Hose applications

# Course Agenda

## Introduction

- Introduction to Hose
- Why are Hoses used?
- Hose Life

## Construction

- Hose Assembly Connections
- End Connection Attachment Methods

## Selection

- Application Variables
- STAMPED
- Core Tube Considerations
- Hose Selection Scenarios

## Best Practices

- Inspection
- Routing Considerations
- Hose Length Determination
- Cleaning
- Storage
- Hose Supplier Selection



## Your Swagelok Hose Pros

Our new **Swagelok Industrial Hose Care & Capabilities** portfolio includes an extensive selection of premium-quality, ultra-durable hoses (all-metal, fluoropolymer, thermoplastic, and rubber core styles – with a multitude of end connections, several available attachment methods, and cover/tagging options), expert consultancy services, and exceptional technical training. If your fluid-system application requires a flexible connection between moving and stationary equipment, or temporary connections, or frequent disconnects, or even isolation from high-vibration machinery, we are your first-choice, one-stop trusted Hose resource!

## Swagelok Hose Advisory Services

Our **certified Hose experts** will visit your site, at no charge, to get a first-hand look at your current hose usage, performance, and storage activities. Once we complete our on-site audit, we'll then issue you a comprehensive report prioritizing and detailing our recommendations on how you can quickly boost your overall hose-related safety, efficiency, productivity, and profitability. Sign up for your free survey today!

## Swagelok Technical Training

All of our Swagelok class titles are taught monthly at our Training Center in Pittsburgh  
OR can be conducted at your facility:

- Fitting Installation Essentials
- Fitting Inspection Essentials
- Tube Bending Essentials
- Swaging & Bending Combined Essentials
- Swaging & Bending Combined Basics
- Advanced Bending
- Hose Essentials
- Valve Essentials (2017)

*We deliver an economical, meaningful, and convenient training experience for you!*



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