



Swagelok Hose Offering - 23 Different Hose Types, 89 Different End Connections

All Metal Hose

FM, FJ, FL and FX Series

Working pressures to 6000psig (413 bar)
Temperature range -325 to 1000°F (-200 to 537°C)
Sizes 1/4 to 2 in. (6.4 to 50.8 mm)

PFA Tubing

PFA Series

Working pressures to 275 psig (18.9 bar)
Temperature range 70 to 400°F (20 to 204°C)
Sizes 1/8 to 1 in. (6 to 12 mm)

Natural Gas Nylon Hose

NG Series

Working pressures to 5000 psig (344 bar)
Temperature range -40 to 150°F (-40 to 65°C) Sizes
1/4, 3/8 and 1/2 in. (6.4, 9.6 and 12.7 mm)

Metal Flexible Tubing

CT Series

Working pressures to 100 psig (6.8 bar)
Temperature range 70 to 1000°F (20 to 537°C)
Sizes 1/4 to 1 1/2 in. (6.4 to 38.1 mm)

Vinyl Tubing

LT Series

Working pressures to 40 psig (2.7 bar)
Temperature range -40 to 165°F (-40 to 73°C)
Sizes 1/8 to 1/2 in. (3.2 to 12.7 mm)

Polyethylene Hose

7P Series

Working pressures to 2750 psig (189 bar)
Temperature range -10 to 150°F (-23 to 65°C)
Sizes 1/4 to 1 in. (6.4 to 25.4 mm)

Fluoropolymer (Teflon) Hose

T, B, X, S, C, N, W, F, U Series

Working pressures to 3500 psig (241 bar)
Temperature range -65 to 450°F (-53 to 230°C)
Sizes 1/8 to 2 in. (3.2 to 50.8mm)

Nylon Hose

7R, 8R, 7N, 8N Series

Working pressures to 5000 psig (344 bar)
Temperature range -40 to 200°F (-40 to 93°C)
Sizes 1/4 to 1 in. (6.4 to 25.4 mm)

Rubber Hose

PB Series

Working pressures to 350 psig (24.1 bar)
Temperature range -40 to 200°F (-40 to 93°C)
Sizes 1/4 to 1 in. (6.4 to 25.4 mm)

Fluoropolymer Hose End Connections

- Pipe Fittings
- Gaugeable Tube Fittings and Adapter Fittings
- Flange Fittings
- Weld Fittings
- Sanitary Fittings
- VCR Metal Gasket Face Seal Fittings
- VCO O-Ring Face Seal Fittings
- Vacuum Fittings
- Cam & Groove Fittings

All Metal Hose End Connections

- Pipe Fittings
- Gaugeable Tube Fittings and Adapter Fittings
- VCR Metal Gasket Face Seal Fittings
- VCO O-Ring Face Seal Fittings
- Weld Fittings



Tag Options

Easily identify your hoses in service with our tagging options below. You may specify up to 5 lines of text with 25 characters per line.

- Lanyard Tag
- Mat Tag
- Clamp Tag
- Perma Tag

Cover Options

- Fire Jacket
- Thermosleeve
- Armor Guard
- Spiral Guard
- 316 SS Material
- Spring Guard

For more information on Swagelok Hose and Flexible Tubing including our full list of end connections and options, see *Hose and Flexible Tubing Catalog, MS-01-180*.

Swagelok Hose Services

Engineered to take the pressure off of you



**Make managing your hose systems a worry-free experience.
Contact one of our offices below to schedule a Hose Advisory Services Consultation.**

Swagelok Indonesia

info@indonesia.swagelok.com <https://indonesia.swagelok.com>

Jakarta (Main Office)

+62 21 29022588

Singapore (Regional Office)

+65 6908 5300



Warranty Information: Swagelok products are backed by The Swagelok Limited Lifetime Warranty. For a copy, visit swagelok.com or contact your authorized Swagelok representative, listed above.
Safe Product Selection: When selecting a product, the total system design must be considered to ensure safe, trouble-free performance. Function, material compatibility, adequate ratings, proper installation, operation, and maintenance are the responsibilities of the system designer and user.

All service marks and trademarks shown are owned by Swagelok Company unless otherwise noted.

© 2017 Swagelok Indonesia
© 2017 Swagelok Company.
VCR, VCO, Swagelok - TM Swagelok Co.

Swagelok

Indonesia



Unplanned downtime. Repeatedly replacing hoses. Wasted Product. Safety Incidents.

Failed hose assemblies require time and resources you may not have. It's better to be prepared by taking a preventative approach. Whether you've experienced any of these issues or understand that your business is at risk for them, turn to Swagelok® Hose Advisory Services. We survey your entire hose system and determine how to best prevent downtime, rework and delay.



How is the inspection conducted?

- From areas of focus to the complete facility, we walk the floor with you to fully understand your operation and learn what an optimized fluid system means to you.
- Then, our highly experienced team provides an expert critique of problem areas while possibly unlocking other areas for improvement.
- From here, we make recommendations on best maintenance practices and schedules, along with any modifications that can make an impact in your facility.

Our promise is to keep the communication going before, during, and after the inspection process to give you the training, education, and solution you need.

A Closer Look at Swagelok Hose Advisory Services

Our program combines consulting and an extensive range of solutions - 23 different hose types and 89 different end connections - for an unmatched variety of applications.

We have experience in facilities across Indonesia combined with the support of Swagelok Field Engineers and Swagelok Certified Hose Specialists based all around the world.

Not only are we committed to surveying your system, we want to help you identify the root cause of hose failures and find solutions to eliminate future issues in your facility.

Our Local Team of Swagelok Certified Hose Specialists



Heriyanto Tio



Sahat Panjaltan

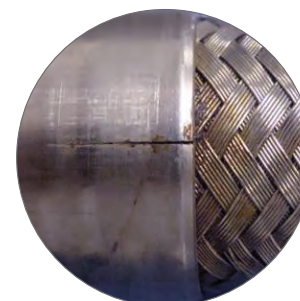
Meet our team of Swagelok Certified Hose Specialists based strategically throughout Indonesia, available for field evaluations no matter where your facility is located.

What to expect from a Swagelok Hose Survey:

- A thorough discussion of your facility's goals.
- An on-site visual analysis of all hose systems, including their installation, placement, and interaction within the facility.
- A report that details overall findings, prioritized improvement recommendations and suggestions with replacement options. We'll also provide preventative maintenance schedules and hose inspection recommendations for your specific facility.
- A hose register update with our survey findings or we can create a new database, depending on your facility's needs.



Have you experienced any of these issues at your facility?



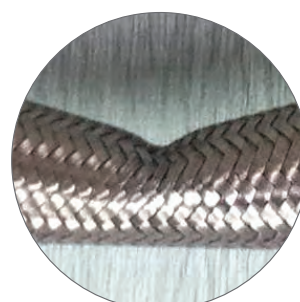
End Connection Damage



Excessive Cover Damage



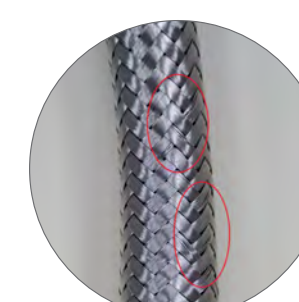
Cover Damage



Kinking Damage



Kinking Damage



Braid Damage

The Swagelok Hose Advisory Services Program in Indonesia can help you:



Reduce Costs

Prevent costs associated with continuously replacing the same problem hoses, unplanned downtime and wasted product. A hose leak or break can cost you tens or hundreds of thousands of dollars at once. **One leak was costing a company \$125,000 per year in fluid loss.** Our inspection discovered the source of the leak, and we found a way to keep it from happening again.



Master Hose Maintenance

Better predict when systems will need attention. Proper maintenance matters. Continuously replacing the same problem hoses after they fail leads to unplanned downtime and wasted people-hours. We will help you understand what steps are necessary to keep everything running smoothly with a customized preventative maintenance schedule, which pays off in ongoing plant maintenance savings.



Increase Safety

One safety problem requires a lot more than you may think. One customer had a manually operated machine that ran steam out of arms that loaded a rail car. This process left employees at risk for steam-related burns. Acting fast to reduce further risk, Swagelok Hose Advisory Services determined the problem and helped to optimize safety by recommending a different type of hose.