



Imprinted, laser-etched, and color-coded products create traceability, allow for instant recognition, identify capabilities or limitations, improve safety, and help achieve regulatory compliance.

AdvantaPure offers several methods of hose identification including the unique Hose Track™ Hose Lifecycle Analysis System, which uses RFID tags and a handheld reader-writer to record and track hose assembly usage.

Contact your AdvantaPure representative today to discover how your hose identification problems can be solved clearly, cleanly, and permanently.



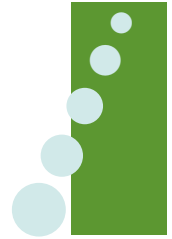
## CHOOSE FROM

- **AdvantaLABEL<sup>®</sup>** – Identification labels and color stripes permanently vulcanized directly to the O.D. of silicone tubing and hose
- **Color Tracer Braid** – Braid material available in several colors for use along an entire length of reinforced silicone hose
- **Color Silicone Tubing** – Solid color tubing for quick and clear identification
- **Color Four-Ply Silicone Hose** – Reinforced hose with permanent solid color on the outside
- **Hose Track™** – A unique hose assembly tracking system that helps minimize the risk of contamination, hose failure, and the costly repercussions associated with batch waste and production stoppages
- **Laser-Etched Hose Collars** – Permanent identification that's sharper and more legible than acid-etched parts or handwritten labels
- **Laser-Etched Tags** – An easy-to-apply method of identification; use to identify contents, departments, product capabilities, and more

IDENTIFICATION

[www.advantapure.com](http://www.advantapure.com)

# HOSE IDENTIFICATION SOLUTIONS



## AdvantaLABEL®

- Platinum-cured silicone
- Permanently vulcanized directly to silicone hose cover – will not dislodge or degrade
- O.D. mounted – no contact with the material flow
- Zero entrapment
- Handles clean-in-place (CIP) or steam-in-place (SIP) processes
- Up to five lines of text and up to four stripes – select from 10 colors
- Field installation methods available

Clear identification, cleanliness, the ability to sterilize, and permanence are part of the AdvantaLABEL tagging system. AdvantaLABEL eliminates the issues involved with metal, plastic, and paper tags. Because the label is sealed to the hose in clean silicone, it can be either steam sterilized (SIP) or chemically cleaned (CIP) many times without degradation of the label.

AdvantaLABEL is O.D. mounted and never contacts material flow. It offers zero entrapment and is available with color stripes for coding purposes. Select from red, orange, yellow, green, blue, purple, brown, black, gray, and white.



## Color Tracer Braid

- Helps distinguish between multiple hose lines
- Available in red, blue, green, and yellow
- Completely contained within the interior braid layer – no contact with the I.D. or O.D.
- Hose retains its compliancy with Class VI, FDA CFR 177.2600, ISO 10993, European Pharmacopoeia 3.1.9, and 3A standards

The hose's colored braid is used among other braid material, which is white. Uses for identification can be as simple as red for a high temperature line and blue for cold. Colors may be used to relate to equipment or products within the hose, to signify direction of flow, and for other identification needs. As a custom option multiple braid colors may be used in a single hose.

Color Braid Silicone Hose is available in I.D. sizes from 1/16" to 1". Temperature use encompasses a wide range of -100°F to 400°F, and the hose is sterilizable/autoclavable.

Note: Lead times and minimum order quantities may apply.



## Color Silicone Tubing

- Solid color throughout the tubing for a professional appearance
- Provides easy-to-see identification along the entire length of tubing
- Use color to associate the tubing with hot or cold temperatures, equipment upgrades and modifications, your corporate image
- Black, orange, blue – what color do you need?

When *lines* of color (tracer lines) may not be sufficient, consider solid color silicone tubing. It allows quick identification of a particular line while it retains the performance characteristics silicone tubing is known for – use over a wide range of temperatures, extreme flexibility, and resistance to compression set, chemical attack, ozone, radiation, moisture, and environmental exposure.

Note: Colorants may have an effect on regulatory compliance. Lead times and minimum order quantities may apply.



## Color Four-Ply Silicone Hose

- A solid color exterior makes identification quick and easy
- Inside of hose remains pure and white
- Use to identify direction of flow, particular departments, products, temperatures, capabilities, or work areas
- Custom made to best meet your requirements

Four-ply, mandrel-wrapped silicone hose, with or without a stainless steel reinforcing wire, is an excellent choice for pressure applications that standard silicone hose cannot manage. It retains the performance characteristics for which silicone hose is known and remains a product that meets many industry standards. The option of color gives users a clear signal to help reduce the likelihood of errors during reattachment following sterilization.

Note: Lead times and minimum order quantities may apply.



## Hose Track™

- Identifies individual hose assemblies using RFID (radio frequency identification) tags
- Records and accesses the complete biographical history of hose assemblies using a portable, handheld reader/writer to identify each tag
- Eliminates the inefficient calendar method of swapping out used hoses – reduces wasted hose life and underutilized assemblies
- Safe for use with CIP, SIP, and autoclave processes

The Hose Track Hose Lifecycle Analysis System (patent pending) is a unique, revolutionary hose assembly tracking system. Hose Track helps users minimize the risk of contamination and hose failure and the costly repercussions associated with batch waste and production stoppages. It offers an excellent way for manufacturing and maintenance personnel to monitor hose assembly cleaning intervals, usage rates, and replacement dates.

Request a copy of the Hose Track literature for complete information.



## Laser-Etched Hose Collars

- Sharper and more legible than traditional acid-etched parts or handwritten labels
- Print logos, patterns, designs, and reverse type
- Use product serialization (incremental counting) for tracking purposes
- Identify hose maintenance and replacement dates, part numbers, logos, pressure and temperature ratings, contents, suction or discharge service – any data deemed critical
- Accepts common digital file formats (BMP, PCX, DXF) and information generated from Legacy Computer Systems

AdvantaPure offers permanently-etched, stainless steel hose collars customized to your needs. Use etched collars to communicate your most critical information. Part numbers, sizes, or service dates, and private branding with your logo are just a few examples.

Laser-etched collars present a sharp, legible, professional image. Include your company name, application-specific information such as serial numbers or maintenance codes, and more. Your text will not rub off, smear, or degrade.

[more >](#)



## Laser-Etched Tags

- Sharper and more legible than traditional acid-etched parts or handwritten labels
- Print logos, patterns, designs, and reverse type
- Use product serialization (incremental counting) for tracking purposes
- Identify hose maintenance and replacement dates, part numbers, logos, pressure and temperature ratings, contents, suction or discharge service – any data deemed critical
- Accepts common digital file formats (BMP, PCX, DXF) and information generated from Legacy Computer Systems

Laser-etched tags are easy to attach to hoses – simply wrap the wire around the hose and twist the ends for a secure fit. Tags are an inexpensive way to note important information about particular hoses and work well for existing installations (especially those in the field) where hose removal is not practical.



Made in U.S.A.

## Purity in Fluid Flow Systems<sup>SM</sup>

Hose Identification Solutions are just part of a complete line of products for the Pharmaceutical, Biomedical, Chemical, Cosmetic, and Food industries. Items available include . . .

- Unreinforced, 50 Shore A, platinum-cured silicone tubing
- Braid-reinforced, platinum-cured silicone hose
- Wire and mesh reinforced, mandrel-wrapped, platinum-cured silicone suction hose
- Stainless steel overbraided PTFE hose; rubber-covered FEP and EPDM hose
- Sanitary fittings and complete hose assemblies including molded silicone ends
- Identification solutions including the Hose Track™ Process Equipment ID & Lifecycle Analysis System
- Silicone injection molding capabilities – manifolds, stoppers, and sealing systems for single use processes

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Celebrating over  
**50**  
Years  
of Service  
1954-2007