



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

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



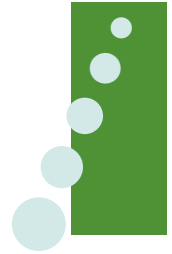
## CHOOSE FROM

- **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 red and blue for use along an entire length of reinforced silicone hose
- **Color Four-Ply, Wire-Reinforced Silicone Hose** – Reinforced hose with permanent solid color on the outside
- **Laser-Etched Hose Collars** – Permanent identification that's sharper and more legible than acid-etched parts or handwritten labels
- **DocuLink<sup>®</sup>** – Identifies a Single-Use system on the product itself—not only on the bag from which it was removed—by use of a permanently-affixed label encapsulated into the system's molded connections
- **Hose Track<sup>®</sup>** – 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

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.

Color stripes are available 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 or blue
- Completely contained within the 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 3-A standards

Incorporated into our APSH silicone hose, the colored braid is used among the hose's 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 both 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 Four-Ply, Wire-Reinforced 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, wire-reinforced, mandrel-wrapped silicone hose 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.

IDENTIFICATION



## 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

Use etched collars to communicate your most critical information. Part numbers, sizes, service dates, and usage recommendations are just a few examples.

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



## DocuLink®

- Visually identifies each manifold with a part number and/or lot number
- Label is permanently molded into the silicone connection
- Does not come into contact with the critical stream
- Allows easy tracking of a manifold assembly back to its origins
- Handles clean-in-place (CIP), steam-in-place (SIP), gamma irradiation, and autoclave processes
- Cannot fall off like adhesive labels

DocuLink is a service designed to save time and effort during document retrieval. It lists the individual part number and lot number to allow quick lookup of documents such as certificates of compliance and certificates of analysis.



## Hose Track®



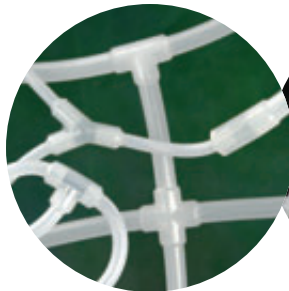
- Identifies individual hose assemblies using RFID tags
- Records and accesses the complete biographical history of hose assemblies using a portable, handheld reader/writer to identify each tag
- Eliminates the inefficient calendar method of swapping out used hoses – reduces wasted hose life and underutilized assemblies
- Safe for use with CIP, SIP, and autoclave processes
- GammaTag® gamma stable tags available
- U.S. Patents 7,195,149 and 7,328,837

The Hose Track Hose Lifecycle Analysis System from NewAge® Industries' Verigenics® 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 to monitor hose assembly cleaning intervals, usage rates, and replacement dates.

Request a copy of the Hose Track literature for more information or visit [www.verigenics.com](http://www.verigenics.com).

# MORE ADVANTAPURE PRODUCTS

- Unreinforced platinum silicone tubing
- Braid-reinforced platinum silicone hose
- Stainless steel wire and polyester mesh reinforced wrapped platinum silicone hose
- PTFE hose with stainless steel overbraiding (with or without overjacketing)
- Rubber-covered FEP or EPDM hose
- Weldable and sealable AdvantaFlex® biopharmaceutical grade TPE tubing
- BioClosure® container closures of silicone or TPE
- Leak-proof Single-Use molded manifold assemblies and connections that reduce certain cleaning validations, the risk of entrapment and cross contamination, and assembly time, labor and cost
- Stainless steel sanitary crimp fittings and complete hose assemblies including molded silicone ends
- Identification solutions including GammaTag®, Hose Track®, and the P•E•T Process Equipment Tracking® Identification & Lifecycle Analysis System from NewAge Industries' Verigenics® division
- Special hose coverings and packaging



## Purity in Fluid Flow Systems®



Made in U.S.A.

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