SEAL EASY
Hose, Tube and Pipe Sealing Systems

Ultra Clean Technologies offers innovative and economical solutions to protect cleaned hoses, tubes and pipes. The **Clean Seal System** heat-shrinks a **Clean Seal Capsule** tightly around the end of a hose assembly. Seal a single hose, or multiple hoses simultaneously! Just sixteen size capsules needed for most applications. Shorter capsules available to accomodate angle/elbow (ie: 45° and 90°) fittings.

Heat Shrink Machine
Clean Seal Capsules
Heat Shrink Gun, Heat Diffusers, and Flexible Stand
Capsule Dispenser Stand

Clean Seal System

The Clean Seal System utilizes heat shrink technology to encapsulate the end of a hose or tube assembly with a Clean Seal Capsule, eliminating re-contamination that is problematic with traditional capping and plugging methods. Re-contamination occurs when ill-fitting caps and plugs are forced onto assemblies, causing plastic particles to shear off into the hose or tube. Clean Seal System leaves your assemblies tightly sealed and 100% contamination free, and provides an easier, less costly, and more effective solution than traditional capping methods. You'll never have to deal with an excessive cap and plug inventory again.

- Preserves cleanliness.
- Easy to use heat shrink machine or heat shrink gun for low or high volume production.
- Fast and easy capsule installation.
- Universal, clean fit up to 3" (80mm).
- Seals straight and elbow couplings - shorter capsules available for angled/ elbow (i.e.: 45° and 90°) fittings.
- Eliminates cap inventory hassles.

UC-CSC-2023 *through* UC-CSC-8060
Clean Seal Capsules

- Just 16 capsule sizes needed for all assemblies.
- Durable and secure.
- Quick, clean application.
- Blue color for quick and easy identification of sealed hoses.
- Easy, clean pull-tab capsule removal.
- No particulates or sticky residue left behind.
- Sold in bulk cartons or packaged quantities.
- Shipped pre-stacked to ensure cleanliness on inside.
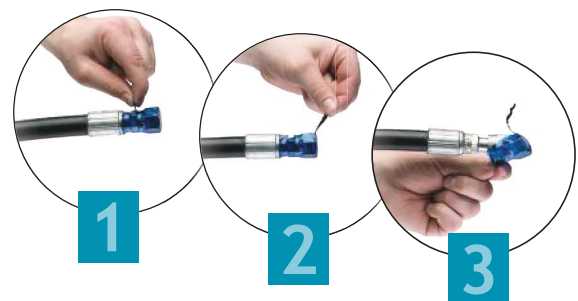- Private label options available.

Clean Seal Capsules stack neatly for efficient shipping and storing!

To Apply
1. Choose the closest fit capsule and place onto assembly end.
2. Use the heat shrink machine or gun to apply heat.

To Remove
1. Grip the black pull tab.
2. Rip the pull tab upwards.
3. Slip the Clean Seal Capsule off the assembly.

Just seconds to apply and remove!

UC-CSS-230V-G2
Heat Shrink Machine

- Seals single OR multiple hose or tube assemblies.
- Uses Clean Seal Capsules from 3/4" I.D. (20mm) through 3" I.D. (80mm) for sealing and thread protection of hose and tube ends from -4 (¼") through -32 (2").
- White plunger provides surface to hold Clean Seal Capsule in place on fitting, including angle/elbow (ie: 45° and 90°) fittings, and aids even heat distribution for a perfect shrink-fit..
- 230V single-phase AC power at 50/60Hz draws < 5 amps.
- Customer supplies L6-15 NEMA twist lock receptacle.
- ON/Off rocker switch illuminates green when "on."
- Hot Air Blower Timer sets in 1-minute increments.
- When on, Timer Light illuminates white.
- 24/7 operating capacity.
- Pre-filtered air prohibits airborne contamination.
- Heat side of machine is fully insulated.
- Brushless internal heat source for industrial applications.

UC-HL1920E
Heat Shrink Gun

- Variable-temperature electronic heat gun with electronic thermocouple control for flexible use and maximum reliability.
- Duratherm heating element ensures long life and even heat with a temperature range of 120°F (49°C) to 1100°F (593°C) and a built-in cool down switch.
- 120V AC power, draws 1500 watts, and can produce 17.6CFM.
  European model operates on 240V AC power and comes with european plug.
- Capable of sealing multiple hoses simultaneously.
- Various nozzle attachments included for applications other than shrinking of Clean Seal Capsules.

UC-1920-STAND

Available in North America and Europe only

- Vacuum pump stand is for hands-free operation of the UC-HL1920E heat gun.
- Adjustable to almost any position.
- Makes your job of shrinking capsules quicker and easier!

UC-1.5HD & UC-2.0HD Heat Diffusers

- Heat Diffusers enable a 360° even hot air flow to shrik the Clean Seal Capsules.
- Intended for heat guns that have a 1½" (38mm) and 2" (50mm) O.D. on the heating element.
- UC-2.0HD is made of 304 Stainless Steel for a long contamination-free life.
- UC-1.5HD works perfectly with the UC-HL1920 Heat Gun.

Available Kits (3)

Available in North America only

1. **UC-HL1920HK:** Hardware-only kit that includes portable heat shrink gun, flexible stand, 95mm diffuser with 1½" connection.

2. **UC-HL1920SK:** Hardware & Capsules Starter Kit that includes capsules listed on Clean Seal System Parts List on following pages.

3. **UC-HL1920SK-2:** Hardware & Capsules Starter Kit for applications up to 2" ID that includes capsules listed on Clean Seal System Parts List on following pages.

UC-CDS
Capsule Dispenser Stand

Easily stores and dispenses Clean Seal Capsules!

- Hook and groove system enables easy and flexile positioning of dispenser tubes!

- Strong magnetic strip holds dispenser tubes firmly in place.

- Capsule identifier (size/part number) labels provided for dispenser tubes for easy identification, loading and re-ordering.

- Laminated Clean Seal Capsule chart included.

- Unique magnetic disc and removal wand system assists in gently dispensing the first capsule from every newly inserted Clean Seal Capsule stick.

Grommet and lanyard for pull-wand included!

- Easel-like design enables placement on a bench or flat surface, or mounted to a wall.

UC-CDS Capsule Dispenser Stand	
Part #	**Description**
UC-CDS Includes:	
UC-CDS	Capsule Dispenser Stand w/magnetic strip
UC-CD-Wand	Capsule Dispenser Removal Wand
UC-CD-SC	Laminated Clean Seal Capsule Sizing Chart w/Grommet
UC-CD-LNYD	Laminated Clean Seal Capsule Sizing Chart w/Lanyard
Dispensers	
UC-CD-1.5	DISPENSER FOR: UC-CSC-2023, UC-CSC-2030, UC-CSC-2224, UC-CSC-2527, UC-CSC-2540, UC-CSC-2840, UC-CSC-3133, & UC-CSC-3140
UC-CD-2.5	DISPENSER FOR: UC-CSC-3440, UC-CSC-3840, UC-CSC-4345, UC-CSC-4650
UC-CD-3.0	DISPENSER FOR: UC-CSC-5260, UC-CSC-5860, UC-CSC-6760
Kit	
UC-CD-DK	Capsule Dispenser Kit includes stand with magnetic strip, 3 small, 1 medium, and 1 large dispenser tube.

- The full size range of Clean Seal Capsules is accomodated by just three sizes of transparent dispenser tubes (UC-CD-1.5, UC-CD-2.5, & UC-CD-3.0). Each capsule size requires a separate dispenser tube.

Clean Seal System Parts List

HEAT SHRINK SYSTEMS AND ACCESSORIES

PART NUMBER#	DESCRIPTION
HEAT SHRINK MACHINE	
UC-CSS-230V-G2	PRODUCTION HEAT SHRINK MACHINE with TIMER
UC-CSS-230V-HG-G2	PRODUCTION HEAT SHRINK MACHINE with TIMER and HEAT GUARD
HEAT SHRINK GUNS & ACCESSORIES	
UC-HL1920E	ELECTRIC HEAT GUN
UC-1920-STAND	FLEX VACUUM PUMP STAND
UC-1.5HD	95MM DIFFUSER FOR 1½" CONNECTION
UC-2.0HD	95MM DIFFUSER FOR 2" CONNECTION
CLEAN SEAL KITS	
UC-HL1920HK (Hardware Kit)	PORTABLE HEAT SHRINK GUN WITH CASE (UC-HL1920E), FLEXIBLE STAND (UC-HG-STAND), 95 mm DIFFUSER WITH 1½" CONNECTION (UC-1.5HD)
UC-HL1920SK (Starter Kit)	INCLUDES ALL COMPONENTS OF UC-HL1920HK KIT, PLUS 1 PACKAGE OF EACH CAPSULE SIZE UC-CSC-2030P, UC-CSC-2540P, UC-CSC-2840P, UC-CSC-3140P, UC-CSC-3440P, UC-CSC-3840P, UC-CSC-4650P
UC-HL1920SK-2	INCLUDES ALL COMPONENTS OF UC-HL1920HK and UC-HL1920SK KITS, PLUS 1 PACKAGE OF EACH CAPSULE SIZE UC-CSC-5260P, UC-CSC-6760P, UC-CSC-8060P

CLEAN SEAL CAPSULES   *Shorter length capsules are recommended for elbow/angled fittings (i.e. 45° and 90°).*

PACKAGED		BULK		SIZING			*FITTING	
PART NUMBER# *PACKAGED*	CARTON QTY *PACKAGED*	PART NUMBER# *BULK*	CARTON QTY *BULK*	CAPSULE SIZE *Inside Diameter x Length* in mm	HEX SIZES COVERED in mm	HEX SIZES COVERED in inches	STRAIGHT	ELBOW
UC-CSC-2023P	810	UC-CSC-2023B	23,400	20 X 23	12mm to 18mm	.47" to .71"		X
UC-CSC-2030P	810	UC-CSC-2030B	23,400	20 X 30	12mm to 18mm	.47" to .71"	X	
UC-CSC-2224P	810	UC-CSC-2224B	22,500	22 X 24	16mm to 21mm	.63" to .82"		X
UC-CSC-2527P	800	UC-CSC-2527B	17,600	25 X 27	18mm to 23mm	.71" to .91"		X
UC-CSC-2540P	800	UC-CSC-2540B	17,600	25 X 40	18mm to 23mm	.71" to .91"	X	
UC-CSC-2840P	720	UC-CSC-2840B	15,200	28 X 40	22mm to 26mm	.87" to 1.02"	X	
UC-CSC-3133P	640	UC-CSC-3133B	12,240	31 X 33	24mm to 29mm	.94" to 1.14"		X
UC-CSC-3140P	640	UC-CSC-3140B	12,240	31 X 40	24mm to 29mm	.95" to 1.14"	X	
UC-CSC-3440P	640	UC-CSC-3440B	10,240	34 X 40	27mm to 32mm	1.07" to 1.26"	X	
UC-CSC-3840P	560	UC-CSC-3840B	7,800	38 X 40	30mm to 36mm	1.19" to 1.42"	X	X
UC-CSC-4345P	480	UC-CSC-4345B	6,240	43 X 45	32mm to 41mm	1.26" to 1.61"	X	X
UC-CSC-4650P	480	UC-CSC-4650B	5,760	46 X 50	34mm to 44mm	1.34" to 1.73"	X	X
UC-CSC-5260P	400	UC-CSC-5260B	4,400	52 X 60	41mm to 50mm	1.62" to 1.97"	X	X
UC-CSC-5860P	400	UC-CSC-5860B	3,600	58 X 60	49mm to 56mm	1.93" to 2.20"	X	X
UC-CSC-6760P	320	UC-CSC-6760B	2,560	67 X 60	55mm to 65mm	2.16" to 2.56"	X	X
UC-CSC-8060P	420	UC-CSC-8060B	1,736	80 X 60	64mm to 78mm	2.52" to 3.07"	X	X

Grey area indicates capsule sizes included in kit UC-HL1920SK.