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. This eliminates possible 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.

**Features & Benefits**

- 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

**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!

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

**Features & Benefits**

- 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

**To Apply**

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

Just seconds to apply and remove!
UC-CSS-230V
Heat Shrink Machine

**Features & Benefits**
- Enables sealing of single OR multiple hose or tube assemblies at one time. Great for production sealing!
- Accepts Clean Seal Capsules from 3/4” I.D. (20mm) through 3” I.D. (80mm), allowing for sealing and thread protection of most hose and tube ends from -4 (1/4”) through -32 (2”).
- White plunger provides solid surface for holding Clean Seal Capsule in place and even heat distribution for a perfect shrink-fit.
- Plunger shelf provides solid surface for holding Clean Seal Capsule in place on angle/elbow (ie: 45° and 90°) fittings.
- Operates on 230V single-phase AC power at 50/60Hz and draws < 10 amps.
- Customer supplies L6-15 NEMA twist loc receptacle.
- When on, ON/Off rocker-style switch illuminates green.
- 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.
- Internal heat source is brushless and made for industrial applications.

UC-HL1910E
Heat Shrink Gun

**Features & Benefits**
- 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.
- Operates on 120V AC power, draws 1500 watts, and can produce 17.6CFM.
- Capable of sealing multiple hoses simultaneously.
- Carry Case with various nozzle attachments are included for applications other than shrinking of Clean Seal Capsules.

Available Kits (2)

1. **UC-HL-1910HK (pictured):** Hardware-only Kit that includes portable heat shrink gun with case, flexible stand, 95 mm diffuser with 1-1/2” connection.
2. **UC-HL-1910SK:** Hardware & Capsules Starter Kit that includes capsules also available as listed on next page.

UC-1.5HD & UC-2.0HD
Heat Diffusers

**Features & Benefits**
- Heat Diffusers enable a 360° even hot air flow to shrink the Clean Seal Capsules.
- Can be installed on heat guns that have a 1½” (38mm) and 2” (50mm) OD 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-HL1910 Heat Gun.

UC-HG-STAND

**Features & Benefits**
- Vacuum pump stand is for hands-free operation of the UC-HL1910E heat gun.
- Adjustable to almost any position.
- Makes your job of shrinking capsules quicker and easier!
# Clean Seal System Parts List

## HEAT SHRINK SYSTEMS AND ACCESSORIES

<table>
<thead>
<tr>
<th>PART NUMBER#</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>UC-CSS-230V</td>
<td>PRODUCTION HEAT SHRINK MACHINE with TIMER</td>
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### HEAT SHRINK GUNS & ACCESSORIES

<table>
<thead>
<tr>
<th>PART NUMBER#</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>UC-HL1910E</td>
<td>ELECTRIC HEAT GUN WITH CASE</td>
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<tr>
<td>UC-HG-STAND</td>
<td>FLEX VACUUM PUMP STAND</td>
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<tr>
<td>UC-1.5HD</td>
<td>95MM DIFFUSER FOR 1-1/2&quot; CONNECTION</td>
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<tr>
<td>UC-2.0HD</td>
<td>95MM DIFFUSER FOR 2&quot; CONNECTION</td>
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### CLEAN SEAL KITS

<table>
<thead>
<tr>
<th>PART NUMBER#</th>
<th>DESCRIPTION</th>
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<tr>
<td>UC-HL1910HK</td>
<td>PORTABLE HEAT SHRINK GUN WITH CASE (UC-HL1910E), FLEXIBLE STAND (UC-HG-STAND), 95MM DIFFUSER WITH 1-1/2&quot; CONNECTION (UC-1.5HD)</td>
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## CLEAN SEAL CAPSULES

<table>
<thead>
<tr>
<th>PACKAGED PART NUMBER#</th>
<th>CARTON QTY PACKAGED</th>
<th>BULK PART NUMBER#</th>
<th>CARTON QTY BULK</th>
<th>CAPSULE SIZE</th>
<th>HEX SIZES COVERED</th>
<th>HEX SIZES COVERED</th>
<th>*FITTING</th>
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<tbody>
<tr>
<td>UC-CSC-2023P</td>
<td>1,456</td>
<td>UC-CSC-2023B</td>
<td>27,664</td>
<td>20 X 23</td>
<td>12mm to 18mm</td>
<td>.47” to .71”</td>
<td>X</td>
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<tr>
<td>UC-CSC-2030P</td>
<td>1,300</td>
<td>UC-CSC-2030B</td>
<td>23,400</td>
<td>20 X 30</td>
<td>12mm to 18mm</td>
<td>.47” to .71”</td>
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<td>UC-CSC-2224P</td>
<td>1,500</td>
<td>UC-CSC-2224B</td>
<td>27,000</td>
<td>22 X 24</td>
<td>16mm to 21mm</td>
<td>.63” to .63”</td>
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<tr>
<td>UC-CSC-2527P</td>
<td>1,210</td>
<td>UC-CSC-2527B</td>
<td>19,360</td>
<td>25 X 27</td>
<td>18mm to 23mm</td>
<td>.71” to .91”</td>
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<tr>
<td>UC-CSC-2540P</td>
<td>1,050</td>
<td>UC-CSC-2540B</td>
<td>16,800</td>
<td>25 X 40</td>
<td>18mm to 23mm</td>
<td>.71” to .91”</td>
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<tr>
<td>UC-CSC-2840P</td>
<td>684</td>
<td>UC-CSC-2840B</td>
<td>8,892</td>
<td>28 X 40</td>
<td>22mm to 26mm</td>
<td>.87” to 1.02”</td>
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<tr>
<td>UC-CSC-3133P</td>
<td>918</td>
<td>UC-CSC-3133B</td>
<td>11,016</td>
<td>31 X 33</td>
<td>24mm to 29mm</td>
<td>.94” to 1.14”</td>
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<tr>
<td>UC-CSC-3140P</td>
<td>850</td>
<td>UC-CSC-3140B</td>
<td>10,200</td>
<td>31 X 40</td>
<td>24mm to 29mm</td>
<td>.95” to 1.14”</td>
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<tr>
<td>UC-CSC-3440P</td>
<td>560</td>
<td>UC-CSC-3440B</td>
<td>13,440</td>
<td>34 X 40</td>
<td>27mm to 32mm</td>
<td>1.07” to 1.26”</td>
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<td>UC-CSC-3840P</td>
<td>756</td>
<td>UC-CSC-3840B</td>
<td>7,560</td>
<td>38 X 40</td>
<td>30mm to 36mm</td>
<td>1.19” to 1.42”</td>
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<tr>
<td>UC-CSC-4345P</td>
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<td>UC-CSC-4345B</td>
<td>4,368</td>
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<td>32mm to 41mm</td>
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<tr>
<td>UC-CSC-4650P</td>
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<td>UC-CSC-4650B</td>
<td>4,320</td>
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<td>34mm to 44mm</td>
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<tr>
<td>UC-CSC-5260P</td>
<td>520</td>
<td>UC-CSC-5260B</td>
<td>3,640</td>
<td>52 X 60</td>
<td>41mm to 50mm</td>
<td>1.62” to 1.97”</td>
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<tr>
<td>UC-CSC-5860P</td>
<td>585</td>
<td>UC-CSC-5860B</td>
<td>3,510</td>
<td>58 X 60</td>
<td>49mm to 56mm</td>
<td>1.93” to 2.20”</td>
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<tr>
<td>UC-CSC-6760P</td>
<td>400</td>
<td>UC-CSC-6760B</td>
<td>3,200</td>
<td>67 X 60</td>
<td>55mm to 65mm</td>
<td>2.16” to 2.56”</td>
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<tr>
<td>UC-CSC-8060P</td>
<td>434</td>
<td>UC-CSC-8060B</td>
<td>1,736</td>
<td>80 X 60</td>
<td>64mm to 78mm</td>
<td>2.52” to 3.07”</td>
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</tbody>
</table>

Grey area indicates capsule sizes included in kit UC-HL1910SK.

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