

Nozzles & Adapter Rings

A range of nozzles are available, allowing the Ultra Clean System to be used on different sizes and types of hose, tube and pipe, as well as coupling configurations. Custom nozzles can be designed upon request.



Hose Nozzles

The hose nozzle is inserted into the ID of the hose. Hose nozzles also work on pipe, heavy walled tubing and many coupling configurations. It is our most popular nozzle. Hose nozzles have the "UC-H" designation and are blue in color for easy identification.

Production Hose Nozzles

Production Hose Nozzles are aluminum with a hard coat blue anodized finish. They are available for hose sizes 1/4" (6mm) through 1 1/4" (32mm). The primary application is production hose assembly cleaning when using a UC-BM1.25-G3 Bench Mount Launcher or the UC-CAL-MS Carousel Auto Loader.



UC-AH-Kit-BLUE

8 Aluminum Production Hose Nozzles 1/4" thru 1 1/4".



Tube Nozzles (Nominal Inch)

Nominal inch tube nozzles have a stop on the inside that forms an airtight seal when the tube is fully inserted into the nozzle. Nominal inch tube nozzles are white in color and designated with a "UC-T" in the part number. Some "UC-T" nozzles may also be designated for JIC use as reflected in the part number.

The white JIC nozzles are molded with a special 37° male flare at the tip to fit the female JIC fittings on hose and tube assemblies. JIC nozzles are marked with the "UC-J" designation, followed by appropriate size.



Tube Nozzles (Metric)

Metric tube nozzles have a stop on the inside that forms an airtight seal when the tube is fully inserted into the nozzle. Metric tube nozzles are designed to match metric tubing, and are similarly based on outside diameter (OD) x wall thickness. Metric tube nozzle designations utilize the largest wall thickness for the given OD, but fit all smaller wall thicknesses as well. Metric tube nozzles are grey in color.

Custom Nozzles

Special nozzles are designed to accommodate various common fittings such as the -4 Flat Face O-Ring style (also referred to as "Face Seal," "Seal Lok," or "FFORX"), or the -6 FJIC style.



7

Universal Nozzle

UC-U55/90: The Universal Nozzle is similar to our hose style nozzle. It has a size range 2½" - 3½" (55mm - 90mm). The Universal Nozzle can be cut off in 10mm increments to suit your application.



Aluminum Locking Nozzle

UC-4.5LN: This nozzle is supplied with the UC-HL4.5 Launcher for 3½" - 4½" (90mm - 115mm) applications.

Sanitary Nozzles

Food-grade, stainless steel, tri-clamp sanitary nozzles for easy attachment to stainless steel tubing and hoses used in the food and beverage industry. Contact Ultra Clean to discuss specific needs and solutions.



Prototype 3D-Printed Nozzles

Ultra Clean engineers will help you design a custom nozzle to your specifications, then print a high quality resin prototype unit on our cutting-edge 3D printer. If interested, ask us for details!

Adapter & Locking Rings

- UC-AR1 fits the UC-HL2 Launcher and all nozzle types from ⅛" - 1¼".
- UC-AR2 fits the UC-HL3.5 Launcher and all nozzle types from ⅛" through 1¼".
- UC-AR3 fits the UC-HL3.5 Launcher and all nozzle types from 1½" through 2".
- UC-LR fits the UC-HL3.5 & UC-HL4.5 Launchers and the AR2, AR3 & UC-U55/90 nozzles.

