

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. Special nozzles can be made to suit specific applications. Aluminum, hard coat anodized nozzles are available in hose style from -4 (1/4") through -32 (2").

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.



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.



Fitting Nozzles

FFORX: Special nozzle designed to accommodate -4 Flat Face O-Ring Style Fittings. These fittings may be referred to as Face Seal, Seal Lok or FFORX.

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.



Universal Nozzle

UC-U55/90: The Universal Nozzle is similar to our hose style nozzle. It has a size range 2-1/8" (55mm) to 3-1/2" (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 3.5" (90mm) to 4.5" (115mm) applications.



Adapter & Locking Rings

- UC-AR1 fits the UC-HL2 Launcher and all nozzle types from 1/8" through 1-1/4".
- UC-AR2 fits the UC-HL3.5 Launcher and all nozzle types from 1/8" through 1-1/4".
- UC-AR3 fits the UC-HL3.5 Launcher and all nozzle types from 1-1/2" through 2".
- UC-LR fits the UC-HL3.5 & UC-HL4.5 Launchers and the AR2, AR3 & UC-U55/90 nozzles.



Recommended Sizing Chart Metric Tubing

OD X WALL	NOZZLE	CLEAN PROJ.	PROJ.		OD X WALL	NOZZLE	CLEAN PROJ.	PROJ.	
		UC	ABR.	TUBE			UC	ABR.	TUBE
3 X .5	UC-T03	UC04	--	--	20 X 2.5	UC-20X3.0	UC24	UC-A20	UC18-TUBE
3 X .7	UC-T03	UC03	--	--	20 X 3.0	UC-20X3.0	UC22	UC-A20	UC18-TUBE
6 X 1.0	UC-6X1.5	UC07	UC-A06	UC06-TUBE	22 X 1.0	UC-22X2.0	UC30	UC-A28	UC26-TUBE
6 X 1.5	UC-6X1.5	UC07	UC-A06	--	22 X 1.5	UC-22X2.0	UC30	UC-A28	UC26-TUBE
8 X 1.0	UC-8X1.5	UC10	UC-A07	UC07-TUBE	22 X 2.0	UC-22X2.0	UC30	UC-A28	UC26-TUBE
8 X 1.5	UC-8X1.5	UC10	UC-A07	UC07-TUBE	25 X 2.0	UC-25X3.0	UC33	UC-A30	UC28-TUBE
10 X 1.0	UC-10X1.5	UC14	UC-A12	UC12-TUBE	25 X 2.5	UC-25X3.0	UC30	UC-A28	UC26-TUBE
10 X 1.5	UC-10X1.5	UC14	UC-A12	UC12-TUBE	25 X 3.0	UC-25X3.0	UC30	UC-A28	UC26-TUBE
12 X 1.0	UC-12X2.0	UC16	UC-A14	UC14-TUBE	28 X 2.0	UC-28X2.5	UC36	UC-A33	UC33-TUBE
12 X 1.5	UC-12X2.0	UC16	UC-A14	UC14-TUBE	28 X 2.5	UC-28X2.5	UC36	UC-A33	UC30-TUBE
12 X 2.0	UC-12X2.0	UC14	UC-A12	UC12-TUBE	30 X 2.0	UC-30X4.0	UC36	UC-A33	UC33-TUBE
14 X 1.0	UC-14X2.0	UC18	UC-A16	UC16-TUBE	30 X 2.5	UC-30X4.0	UC36	UC-A33	UC30-TUBE
14 X 1.5	UC-14X2.0	UC16	UC-A14	UC14-TUBE	30 X 3.0	UC-30X4.0	UC36	UC-A33	UC30-TUBE
14 X 2.0	UC-14X2.0	UC16	UC-A14	UC14-TUBE	30 X 4.0	UC-30X4.0	UC36	UC-A33	UC30-TUBE
15 X 1.0	UC-15X2.0	UC20	UC-A18	UC16-TUBE	35 X 2.0	UC-35X3.0	UC45	UC-A40	UC40-TUBE
15 X 1.5	UC-15X2.0	UC18	UC-A16	UC16-TUBE	35 X 3.0	UC-35X3.0	UC40	UC-A36	UC36-TUBE
15 X 2.0	UC-15X2.0	UC16	UC-A14	UC14-TUBE	35 X 4.0	UC-H25	UC40	UC-A36	UC33-TUBE
16 X 1.0	UC-16X2.5	UC22	UC-A20	UC18-TUBE	35 X 5.0	UC-H25	UC36	UC-A33	UC30-TUBE
16 X 1.5	UC-16X2.5	UC20	UC-A18	UC16-TUBE	38 X 2.5	UC-38X5.0	UC50	UC-A45	UC40-TUBE
16 X 2.0	UC-16X2.5	UC18	UC-A16	UC16-TUBE	38 X 3.0	UC-38X5.0	UC50	UC-A45	UC40-TUBE
16 X 2.5	UC-16X2.5	UC16	UC-A14	UC14-TUBE	38 X 4.0	UC-38X5.0	UC45	UC-A40	UC40-TUBE
18 X 1.0	UC-18X2.5	UC24	UC-A22	UC20-TUBE	38 X 5.0	UC-38X5.0	UC40	UC-A36	UC36-TUBE
18 X 1.5	UC-18X2.5	UC24	UC-A20	UC18-TUBE	42 X 2.0	UC-42X3.0	UC55	UC-A50	UC50-TUBE
18 X 2.0	UC-18X2.5	UC22	UC-A20	UC18-TUBE	42 X 3.0	UC-42X3.0	UC50	UC-A50	UC45-TUBE
18 X 2.5	UC-18X2.5	UC20	UC-A18	UC16-TUBE	50 X 3.0	UC-50X6.0	UC60	UC-A55	UC55-TUBE
20 X 1.5	UC-20X3.0	UC26	UC-A24	UC22-TUBE	50 X 5.0	UC-50X6.0	UC55	UC-A55	UC50-TUBE
20 X 2.0	UC-20X3.0	UC24	UC-A22	UC20-TUBE	50 X 6.0	UC-50X6.0	UC55	UC-A50	UC50-TUBE

Tubing must be deburred prior to firing projectiles. Depending on the type of contamination present in the tube, abrasive projectiles may be used to remove rust and scale. Always use an Ultra Clean projectile after the use of an abrasive projectile. If the operator is unsure which type or size projectile to use, please call us for technical assistance.