

u-TAH™ Universal Cartridge System

Our u-TAH™ Universal Cartridge System is a breakthrough in two-component cartridge design.



The u-TAH Cartridge looks identical to standard caulking cartridges—in fact, you might not realize it is two-component until you begin to dispense your product. It is the only cartridge system that maintains accurate ratio control and fits into your existing 1/10th gallon or 310mL caulking gun. This system also fits into pneumatic (rod-driven) and battery-powered caulking tools.

Quality Tested for Robustness

The cartridge body is molded of a rigid plastic that won't burst during most demanding applications. The interior components are fully assembled and each cartridge is air tested. This 100% factory-inspected process guarantees that, after filling, the cartridge will maintain a superior shelf life and provide trouble-free applications in the field.

Options include:

- 1:1 Ratio, 250mL ~ volume -PP or Nylon construction
- 2:1 Ratio, 180mL ~ volume -PP construction only
- 10:1 Ratio, 280mL ~ volume -Nylon construction only

Venting Options

The standard u-TAH cartridge contains bleed vents to allow air to escape during filling. When using low viscosity materials (less than 1,000 cps), a "non-vented" version of the u-TAH cartridges is available.



Filling

Nordson EFD has established a worldwide network of Preferred/Focus Fillers in order to provide you with EFD-approved filling at a competitive price. Nordson EFD has authored all engineering protocols and QC instructions to provide support to the success of your program.



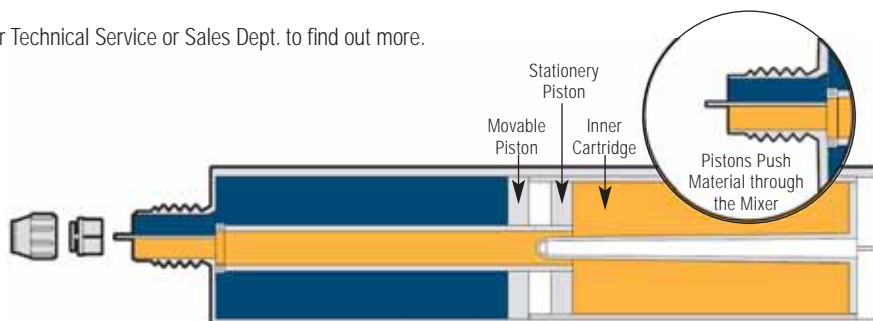
Technology

Our patented u-TAH cartridge stores one component in front of the other but both are extruded through the cartridge outlet and into a static mixer simultaneously. As shown in the diagram, the rear piston is stationary. As the inner can is pushed forward, the orange fluid is extruded into the center tube, through the cartridge outlet, and into the mixer.

At the same time, the movable piston causes the blue fluid to be extruded through the cartridge outlet and into the mixer.

The cartridge in the diagram shows a 1:1 ratio, although 2:1 and 10:1 ratio cartridges are also available. With the 2:1 cartridge, the stationary piston and inner cartridge have a smaller diameter and cross sectional area.

Call our Technical Service or Sales Dept. to find out more.



Part #	Description	Useable Volume	Vent	Material
7703997 (CK-810-51)	1:1 u-TAH Cartridge System	250mL	Vented	Polypropylene
7704048 (CK-800-04A)	1:1 u-TAH Cartridge System	250mL	Vented	Nylon
7702991 (CK-820-01A)	2:1 u-TAH Cartridge System	180mL	Vented	Polypropylene
7702996 (CK-870-03)	10:1 u-TAH Cartridge System	280mL	Vented	Nylon

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Recommended Mixers for use with the u-TAH Cartridge System.

- Series 160 Spiral Bell Mixers
- Series 260 Spiral Bell Mixers
- Series 180A Turbo Bell Mixers

For Nordson EFD sales and service in over 30 countries, contact Nordson EFD or go to www.nordsonefd.com

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Low Viscosity Fluids

Special non-vented versions of these cartridges are available to handle very low viscosity fluids. Nordson EFD also recommends the use of our Flow Restrictor when dispensing u-TAH Cartridges filled with low-viscosity fluid. Thin adhesives are often too free flowing and can cause cross-contamination, lead/lag problems, and plugging. Our low-cost, plastic Flow Restrictor eliminates these issues by slowing the thinner component's flow. Nordson EFD recommends using the smallest orifice possible. For example, with fluids less than 100 cps, we recommend the 0.062 inch orifice 7702861 (Part. No. B-806-01).

Flow Restrictor



Remove Plug

Insert Restrictor

Attach Mixer

Part #	Orifice (in/ mm)	Color
7702861 (B-806-01)	0.062 / 1.5	Translucent
7702862 (B-806-02)	0.092 / 2.4	Black



Hanging Bracket

The optional "hanging bracket" attaches the Series 280 Mixer to Nordson EFD's Cartridge Systems. The double-looped form snaps onto the 11.2mm nozzle's unique ribs and over the neck of a cartridge creating a durable attachment.

Part #	Description
7703203 (HGR-A1)	Hanging Bracket for Series 280AN 11.2 mm Turbo Mixers