

# 50mL Bayonet Cartridge System & Pistons

Our 50mL Bayonet Cartridge System is available in 1:1, 2:1, 4:1, and 10:1 ratios. Each is available in our open-end cartridge with a plug closure. Our popular 1:1 and 2:1 ratios are also offered with a hermetically-sealed closed end option. Order a sample and see which version is best for your adhesive packaging.

## Features

- **Ratios Available:** 1:1, 2:1, 4:1, 10:1
- **Materials of Construction:** Polypropylene and nylon
- **Superior Plug Closure:** Preassembled for efficiency
- **Closed Option Available:** Hermetically sealed
- **Two Styles of Dispensers:** Manual dispenser and caulking gun conversion kit
- **Large Mixer Selection**
- **Multiple Piston Options**
- **AF piston is available for 1:1 ratio**

Nordson EFD's 50mL cartridges feature molded-closed outlets with a protective cap (hermetic seal) and an open-end with a polyethylene (PE) plug and retaining cap. Each ear of the plug extends into the cartridge, creating a reliable seal. The durable plug is inert to most adhesives such as epoxies, urethanes, acrylics, or silicones. The plugs are preassembled in the cartridge, reducing packaging costs and ensuring a longer shelf life for your adhesives.



## AF Pistons

Self-venting AF (Air Free) pistons combine excellent chemical compatibility with an airtight, leakproof seal that ensures safe shipment and long shelf life. They also save time and effort by eliminating the need to insert shims or bleed plugs during the packaging process.

As they are inserted into the cartridge, AF pistons quickly bleed any air left between the material and the piston. A unique plug in the center of the piston automatically closes when all air has been removed and the entire piston face contacts the material.

## Features

- **Available for 50ml, 200ml, 300ml, 1:1 ratio cartridges**
- **Bleeds air around the circumference of the piston without the need of a shim or second operation of pushing in a plug.**



## Other Available Pistons

- Solid O-ring
- Solid Multi-Seal Pistons
- Multi-Seal Pistons with a Pre-staged Center Bleed Plug which prevents trapped air when inserting the piston without using a shim



Mixers



Dispensers

- Series 190  
Spiral Mixers
- Series 295  
Turbo Bayonet Mixers
- 50mL manual dispenser
- Caulking gun conversion kit



# 50mL Bayonet Cartridge System & Pistons

## Atlas™ 2K Piston Inserter

Atlas 2K Piston Inserters are a fast, convenient and cost-effective way to install new AF pistons in 50ml and 200ml side x side cartridges.

### Features

- Simple to set up and operate
- Pistons seat correctly every time
- Compact, space-saving footprint
- Rugged, lightweight units are easily transported for different jobs
- Two different models for 50ml and 200ml side x side cartridges
- Optional conversion kits let 50ml unit handle 200ml cartridges, 200ml unit handle 50ml cartridges
- Designed for use with AF pistons that virtually eliminate trapped air

Part #	Description	Volumetric Rate	Maximum Volume	Material
7015724	Open Body Cartridge w/Retainer & Plug	1:1	50mL	PP
7702619 (B-101-21)	Closed Cartridge Body w/Protective Cap	1:1	50mL	PP
7702687 (B-301-05)	EPDM O-Ring Piston (Short)	1:1	-	PP
7702692 (B-302-11)	EPDM O-Ring Piston (Tall)	1:1	-	PP
7702702 (B-304-11)	Multi-Seal Piston w/Pre-staged Center Bleed Plug	1:1	-	PP
7704061	AF Piston	1:1	-	PE/PBT
7702891 (BS-101-06)	Open Body Cartridge w/Retainer & Plug	1:1	50mL	Nylon
7702621 (B-101-22)	Closed Cartridge Body w/Protective Cap	1:1	50mL	Nylon
7702698 (B-302-21)	EPDM O-Ring Piston (Tall)	1:1	-	Nylon
7702704 (B-304-12)	Spiral Bleed Single Lip Multi-Seal Piston	1:1	-	Nylon
7704061	AF Piston	1:1	-	PE/PBT
7702892 (BS-102-01)	Open Body Cartridge w/Retainer & Plug	2:1	50mL	PP
7702627 (B-102-21)	Closed Cartridge Body w/Protective Cap	2:1	50mL	PP
7702705 (B-306-01)	EPDM O-Ring Piston (Large)	2:1	-	PP
7702714 (B-310-01)	EPDM O-Ring Piston (Small)	2:1	-	PP
7702895 (BS-102-06)	Open Body Cartridge w/Retainer & Plug	2:1	50mL	Nylon
7702628 (B-102-22)	Closed Cartridge Body w/Protective Cap	2:1	50mL	Nylon
7702709 (B-306-21)	EPDM O-Ring Piston (Large)	2:1	-	Nylon
7702717 (B-310-21)	EPDM O-Ring Piston (Small)	2:1	-	Nylon
7702896 (BS-104-01)	Open Body Cartridge w/Retainer & Plug	4:1	42mL	PP
7702705 (B-306-01)	EPDM O-Ring Piston (Large)	4:1	-	PP
7702721 (B-312-01)	EPDM O-Ring Piston (Small)	4:1	-	PP
7702898 (BS-104-06)	Open Body Cartridge w/Retainer & Plug	4:1	42mL	Nylon
7702709 (B-306-21)	EPDM O-Ring Piston (Large)	4:1	-	Nylon
7702725 (B-312-21)	EPDM O-Ring Piston (Small)	4:1	-	Nylon
7702900 (BS-110-01)	Open Body Cartridge w/Retainer & Plug	10:1	37mL	PP
7702705 (B-306-01)	EPDM O-Ring Piston (Large)	10:1	-	PP
7702728 (B-314-01)	EPDM O-Ring Piston (Small)	10:1	-	PP
7702902 (BS-110-06)	Open Body Cartridge w/Retainer & Plug	10:1	37mL	Nylon
7702709 (B-306-21)	EPDM O-Ring Piston (Large)	10:1	-	Nylon
7702732 (B-314-21)	EPDM O-Ring Piston (Small)	10:1	-	Nylon



7015502 50ml  
7015503 200ml

For Nordson EFD LLC sales and service in over 30 countries, contact Nordson EFD or go to [www.nordsonefd.com](http://www.nordsonefd.com)

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