

**Manufacturer:**  
Fishman®

**Product Name:**  
Fishman 3CC Barrel - 50/box

**Manufacturer Part Number:**  
O012051

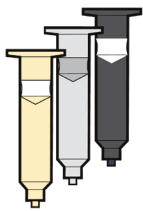
▶ [Click here for more details on the Fishman 3CC Barrel - 50/box](#)

AIRFREE® TECHNOLOGY

**Genius® Components** **AirFree® Syringes Boxed**



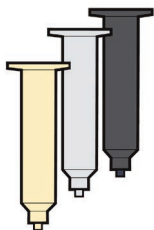
Pre-packaged for ease of use, inventory control and easy reordering. Genius® Components ensure smooth and consistent dispensing of assembly fluids. Our Customer Service Representatives are ready to assist with questions or sample requests, call 800.433.2115.



**Barrels and Pistons\***

Available in: Clear for regular fluids; Black for visible light cure fluids; Amber for UV cure fluids. Each package contains same amount of syringes and PosiLok™ engageable pistons. \*NOT INSERTED

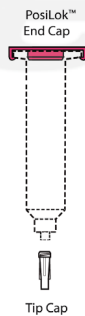
Size	Clear	Qty. PerBox
3cc	O122051	50
5cc	O123131	40



**Barrels without Pistons**

Available in: Clear for regular fluids; Black for visible light cure fluids; Amber for UV cure fluids.

Size	Clear	Qty. PerBox
3cc	O012051	50
5cc	O013131	40



**SEALING CAPS**

Pressure fit caps for contaminant proof sealing.

**END CAP**

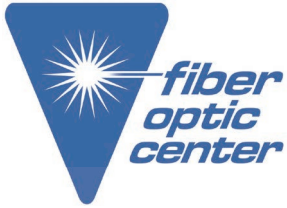
SIZE	POSILOK™ END CAP	QTY PER BOX
3cc	0272051	50
5cc	0273131	40

**Contact the professionals at Fiber Optic Center for a quote or to get more details.**

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Product specifications and data are subject to change without notice. FOC last update 3/4/2026.



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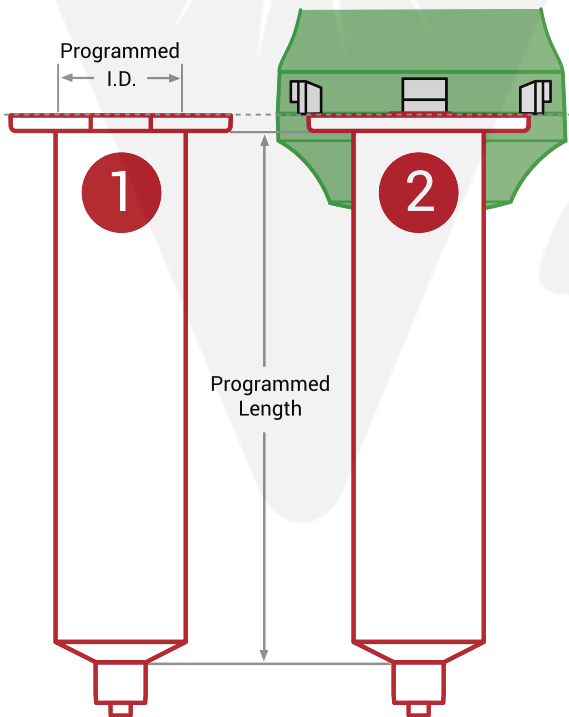
**Manufacturer Part Number:**  
0012051

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## Why Competitors' Syringes Cannot Be Used For AirFree® Dispensing.

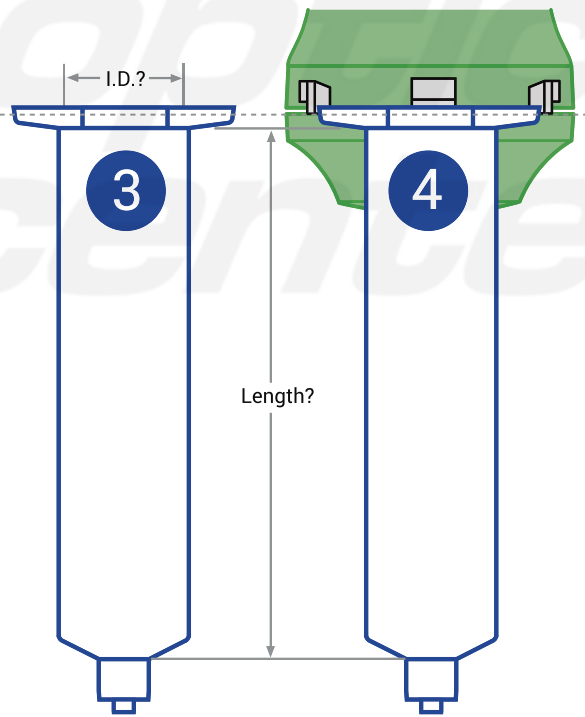
### Genius® Syringes

- 1 The I.D. and lengths of the Genius® Syringes are programmed into the SmartDispenser® software, thus providing the highest repeatability.
- 2 The SurLok™ retaining ring is specifically designed for Genius® Syringes. Genius® Components are made to fit perfectly for safety and consistent repeatability.



### Competitor Syringes

- 3 No two syringes are the same. Using competitors' syringes will destroy repeatability due to dimensional differences.
- 4 Competitors' syringes are too thick to fit in the locking mechanism. Thus the retaining ring only partially locks, creating safety issues and flexing during the dispense, which destroys repeatability.



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## Why Competitors' Air Pistons Cannot Be Used For AirFree® Dispensing.

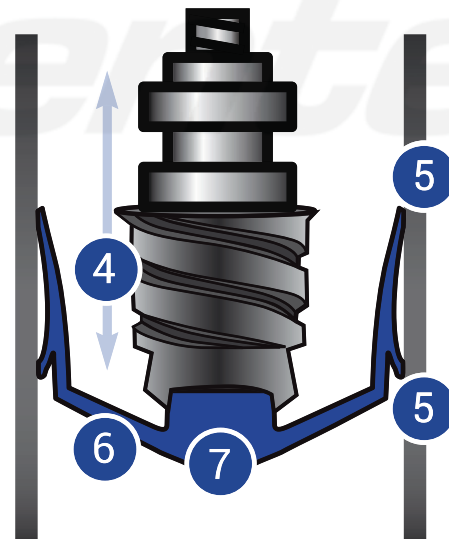
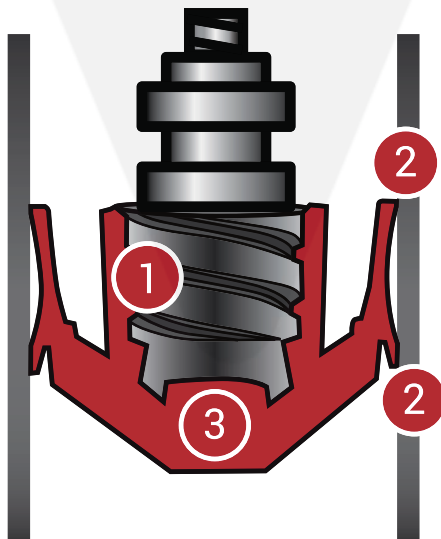
### Genius® PosiLock™ Pistons

- 1 PosiLok™ industrial thread locks the piston to the drive rod guaranteeing no slippage during dispensing—no pressure loss.
- 2 Increased interference fit completely seals the chamber—no pressure loss.
- 3 Thick, maximum-strength wall for high-pressure dispensing—no pressure loss, for safety and consistent repeatability.



### Competitor Pistons

- 4 No interlocking connection between the piston and the drive rod. Piston slips during the dispense, creating pressure loss.
- 5 Light interference fit does not seal the chamber, thin wall flexes under pressure, allowing fluid to flow by — creating a pressure loss and potentially damaging the dispense gun.
- 6 Thin wall collapses under pressure, creating pressure loss.
- 7 Pressure from the lead screw on the center causes collapse.

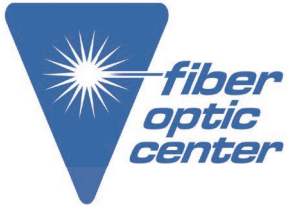


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## The Result: Pressure Loss Destroys Repeatability.

### With Competitor Components

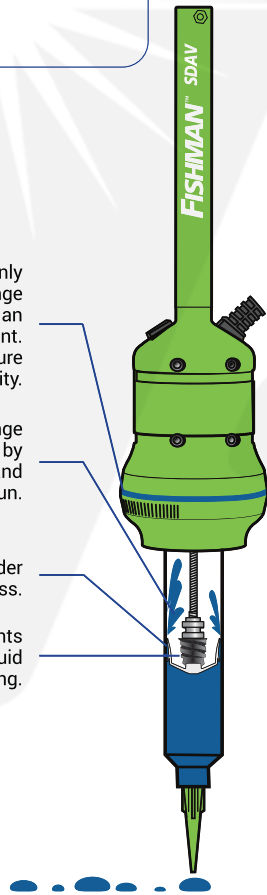
1. Lack of process control
2. Inconsistent dot sizes
3. Fluid waste
4. Rejects
5. Rework

PosiLok™ retaining ring only partially closes, due to the syringe end being too thick, creating an unsafe dispensing environment. Loose fit also creates pressure loss, destroying repeatability.

Loose interference fit between syringe and piston allows fluid to flow by piston, creating pressure loss and potential damage to the dispense gun.

Thin walled piston collapses under pressure, creating pressure loss.

No thread prevents reverse motion, creating fluid ooze during dispensing.



### With Genius® Components

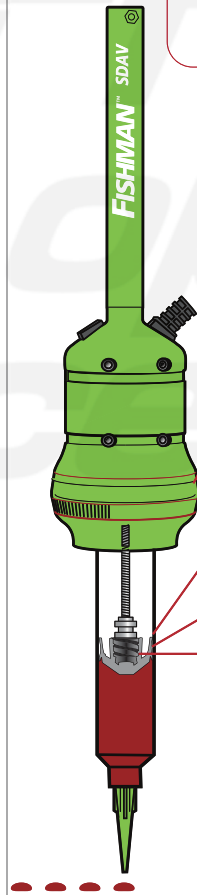
1. Total process control
2. Consistent dot sizes
3. Fluid savings
4. Elimination of rejects
5. Elimination of rework

PosiLok™ retaining ring closes 100%, for safe dispensing and no pressure loss.

Heavy interference fit between syringe and piston seals the chamber, preventing fluid flowing by the piston assuring no pressure loss.

Thick walled piston withstands pressure, maintaining pressure integrity.

PosiLok™ industrial thread locks the piston to the drive rod allowing reverse motion to snuff back.



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