

# Industrial Systems

- AIR-POWERED AND MANUAL DRIVE MODELS
- 383-250 SERIES CARTRIDGE ASSEMBLIES
- METAL AND PLASTIC NOZZLES



Small diameter 383 Series cartridge is held at handle without a carriage. Bezel screws into handle, tightly securing cartridge.

**Compact. Easily reaches those hard-to-reach areas without obstructing view of nozzle. Lightweight carriageless units produce less wrist strain.**



**785-3 Utility Drive**  
shown with plastic bezel and optional 383 Series Cartridge



**Fully assembled**

## INDUSTRIAL MODELS...

Originally designed for the Aircraft and Electronics industries, Albion's "compact" Industrial Models provide easy application of small amounts of material to hard-to-reach areas, without obstructing view of nozzle tip.

Using 383-250 Series Cartridge Assemblies, these tools are ideal for dispensing low-viscosity epoxies, sophisticated resins, Sem-Kits® and other reactive materials.

Available with air-powered or manual drives, metal or plastic bezel rings, or full-barrel retainers for extra support with the most viscous materials.

## 383 SERIES CARTRIDGES...

Small 1 7/8" diameter. Threaded opening in cartridge accepts standard 1/4 NPT pipe threaded parts.

### ADAPTABLE TO:

- Albion metal nozzles
- Flexible plastic tube fittings
- Piping systems

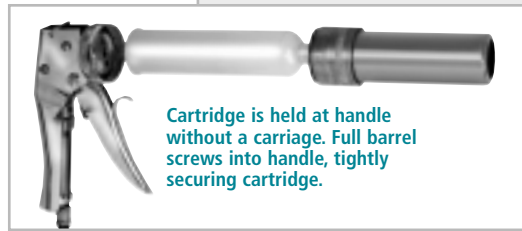
See Models, Specifications and Nozzles on reverse side.

**Recommended for both factory and field use**

**467- Air-Powered Drive**  
shown with Full-Barrel and optional 383 Series Cartridge



*Full-barrel provides extra support for the most viscous materials.*



Cartridge is held at handle without a carriage. Full barrel screws into handle, tightly securing cartridge.

All models pictured with optional 383 Series cartridge. Air-powered models shown with optional hose and fitting.

## 383-250 CARTRIDGE ASSEMBLIES Use with all Albion 462, 467 and 785 models.



383-250-WP PISTON

383-250-CARTRIDGE

383-250-T PLUG

**Cartridge capacities from 2 1/2 to 12 oz.**

CAPACITY	CART. NO.	SIZE
2 1/2 oz	383-250-C2 1/2	1 5/8" D x 2" L
6 oz	383-250-C6	1 5/8" D x 6" L
8 oz	383-250-C8	1 5/8" D x 8" L
12 oz	383-250-C12	1 5/8" D x 12" L

**Rigid High-Density polyethylene cartridges are suitable for most applications.**

METAL AND PLASTIC NOZZLES ON REVERSE SIDE



# MODELS & SPECIFICATIONS

MODEL	RETAINER	CAPACITY	WT (lb)
<b>Air-Powered Models</b>			
467-1	Metal Bezel Ring	2½ thru 12 oz	2
467-2	Plastic Bezel Ring	2½ thru 12 oz	2
467-3	Full-Barrel	2½ oz	2.25
467-4	Full-Barrel	6 oz	2.25
467-5	Full-Barrel	8 oz	2.5
467-6	Full-Barrel	12 oz	2.5
<b>Deluxe Models, Manual Drive</b>			
462-1	Metal Bezel Ring	2½ oz, 6 oz	1.75
462-2	Metal Bezel Ring	8 oz, 12 oz	2.25
462-3	Plastic Bezel Ring	2½ oz, 6 oz	1.75
462-4	Plastic Bezel Ring	8 oz, 12 oz	2.25
462-5	Full-Barrel	2½ oz	2
462-6	Full-Barrel	6 oz	2.25
462-7	Full-Barrel	8 oz	2.75
462-8	Full-Barrel	12 oz	3
<b>Utility Models, Manual Drive</b>			
785-3	Plastic Bezel Ring	2½ oz, 6 oz	1.75
785-4	Plastic Bezel Ring	8 oz, 12 oz	2.25
785-5	Full-Barrel	2½ oz	2
785-6	Full-Barrel	6 oz	2.25
785-7	Full-Barrel	8 oz	2.75
785-8	Full-Barrel	12 oz	3

All models come complete with either full-barrel or bezel retainer. Cartridges and nozzles sold seperately.



Model 462-1  
Deluxe Drive

### RETAINERS

- Metal Bezel.** Durability and long life.
- Plastic Bezel.** Most economical.
- Full-Barrel.** Prevents cartridge from rupturing.

## DRIVE FEATURES

### AIR-POWERED

- ✓ Provides perfect, even flow without interruption
- ✓ All-metal construction, scratch and rust resistant
- ✓ Requires minimum physical effort
- ✓ High-quality 3-way air valve for instant pressure release
- ✓ Discharges most viscous materials at high speed and in large volume
- ✓ Full porting prevents piston upset

### DELUXE, Manual

- ✓ ¼" square smooth piston rod rotates for four-times longer life
- ✓ Thumb-activated instant pressure release with no-drip recoil lock
- ✓ Formed steel construction and corrosion resistant zinc plating
- ✓ User can regulate stroke to fit hand size
- ✓ Replaceable parts
- ✓ Perfect for a wide range of materials

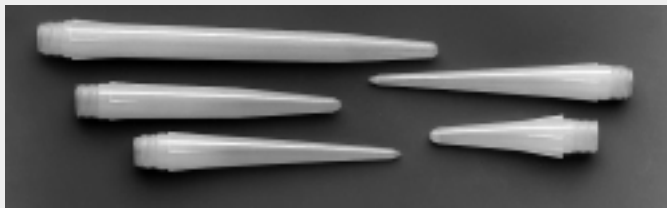
### UTILITY, Manual

- ✓ 5/16" round smooth piston rod
- ✓ Heavy gauge steel and zinc plating
- ✓ Durable Albion Quality

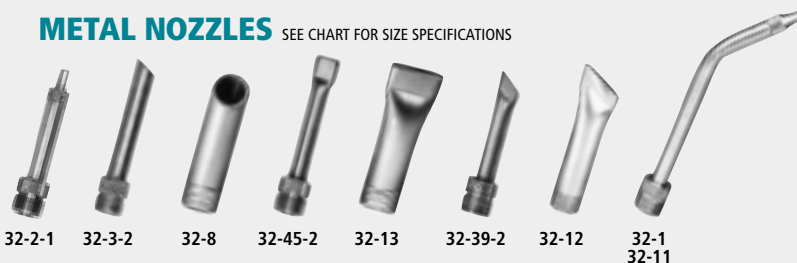


## NOZZLES FOR 383 SERIES CARTRIDGES

### PLASTIC NOZZLES SEE CHART FOR PART NUMBERS AND SIZE SPECIFICATIONS



### METAL NOZZLES SEE CHART FOR SIZE SPECIFICATIONS



NO.	SIZE
<b>PLASTIC NOZZLES</b>	
383-252	1/16" D x 2" L
383-410	1/32" D x 4" L
383-420	1/16" D x 4" L
383-430	3/32" D x 4" L
383-640	1/8" D x 6" L
<b>METAL NOZZLES</b>	
32-2-1	1/8" Round
32-3-2	1/4" Round
32-8	3/8" Round
32-45-2	1/8" x 3/8" Square end slot
32-13	1/8" x 9/16" Square end slot
32-39-2	1/8" x 1/2" Bevel end slot
32-12	1/16" x 11/16" Bevel end slot
32-1	1/8" D x 5" L
32-11	1/8" D x 11" L

ALL PLASTIC AND METAL NOZZLES HAVE 1/4" NPS THREAD TO FIT 383 SERIES CARTRIDGES.

Check our Web Site for new items!



**ALBION Engineering Co.**  
2080A Wheatshaf Lane  
Philadelphia, PA 19124-5091  
215-535-3476

FAX TOLL-FREE  
**800-841-7132**  
USA • CANADA • PUERTO RICO  
US VIRGIN ISLANDS

ALL OTHERS  
INTERNATIONAL FAX  
**001-215-744-4719**

E-MAIL  
service@albioneng.com

[www.albioneng.com](http://www.albioneng.com)