



**FCG-60 · FCG-80 · FCG-120**  
**Pneumatic Cartridge Dispensers**

[info@fisnar.com](mailto:info@fisnar.com)

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

## OVERVIEW

Tough, durable, and lightweight these 6, 8 and 12oz cartridge dispensers are designed for dispensing adhesives and sealants commonly used in industrial assembly, aerospace, and automotive applications. Compatible for use with Techcon, Semco and EFD style cartridge systems. Designed to produce consistent beads and dots in a controlled manner. Their ergonomically balanced design ensures a comfortable fit in the operator's hands allowing them to be used with ease.

Superior sealing ability on the cartridge

Durable engineered Nylon construction

Quick connect fitting supplied pre-fitted

Additional fittings included for custom hose configuration

0-100 psi operation

Rubberized trigger assembly

Quick exhaust system to reduce drooling

Screw cap design ensures product safety

Lightweight ergonomically balanced tool helps reduce operator fatigue

Optional regulator available for adjustable flow control









Compatible with Techcon, Semco and EFD cartridges

## SPECIFICATIONS

Nylon Retainer I.D. Dimensions	(6oz) 6.44" (163.80mm) x 1.73" (44mm) (8oz) 8.28" (210.50mm) x 1.73" (44mm) (12oz) 11.66" (296.40mm) x 1.73" (44mm)
Weight:	(6oz) 1.40 lbs. (0.63 kg) (8oz) 1.45 lbs. (0.65 kg) (12oz) 1.50 lbs. (0.68 kg)
Empty and Filled Compatible Cartridge Systems:	Techcon and Semco 6, 8 and 12oz cartridges and EFD 6oz and 12oz cartridges
Air Input Pressure:	100 psi (7 bar) max
Air Coupler:	Parker Series 24KA Compatible with: <ul style="list-style-type: none"> <li>• RECTUS 14 &amp; 23</li> <li>• PARKER 20, 30 &amp; HF Series</li> <li>• ORION 44510 US-MIL-SPEC-C-4109</li> <li>• GROMELLE ISO 6150 B</li> <li>• CEJN 300 &amp; 310</li> <li>• FOSTER</li> <li>• HANSEN 3000</li> </ul>





## SAFETY

### General Precautions

	<b><i>Do not operate the dispenser in excess of its maximum ratings / settings.</i></b>
	<b><i>Safety Glasses and appropriate personal protective equipment should be worn at all times when operating the dispenser.</i></b>
	<b><i>Make sure the dispenser is connected to a clean and dry air supply. A 5 micron air filter/regulator (item number 560567) is recommended to ensure the input air supply is clean and dry.</i></b>
	<b><i>The fluid being dispensed may be toxic and / or hazardous. Refer to the Material Safety Data Sheet for proper handling and safety precautions.</i></b>
	<b><i>Do not smoke or use near an open flame when flammable materials are being dispensed.</i></b>
	<b><i>If the dispenser malfunctions, disconnect it from the air supply immediately. This can be done by removing the air line from the dispenser or isolating the air supply.</i></b>
	<b><i>Avoid blocking the air exhaust port on the back of the dispenser. The exhaust port should never be pointed in the direction of the operator's face.</i></b>
	<b><i>Make sure the airline is disconnected from the dispenser when installing or removing the fluid cartridge. Or when not in use</i></b>




### Inappropriate Use

If the dispensers are used in a way other than described in this manual, it may cause damage to self or property.

	<b><i>Do not exceed 100 psi</i></b>
	<b><i>Do not use incompatible material cartridges.</i></b>
	<b><i>Do not make any modifications to the dispenser. All repairs are to be done using Fisnar specified spare parts.</i></b>
	<b><i>Do not operate the applicator in excess of its maximum ratings / settings.</i></b>

### Maintenance

The dispensers are generally maintenance free. However, to ensure smooth operation please follow the below instructions.

	<b><i>When replacing the O-ring be sure to add a lubricant to extend the life of the seal.</i></b>
	<b><i>As a standard practice keep the trigger pin assembly well lubricated for optimal performance.</i></b>
	<b><i>Avoid cleaning the dispenser with aggressive solvents - neutral detergents are preferred.</i></b>





## REPLACEMENT PARTS LIST








Ref.	Item Number	Description
1	5801380	6oz Nylon Retainer Body
	5801381	8oz Nylon Retainer Body
	5801382	12oz Nylon Retainer Body
2	5801388-SEAL	6, 8 and 12oz Nylon Retainer Cap Seal
3	580108	1/4" Plug x 1/4" NPT Male
4	560737	Hose Barb 1/4" NPT Pipe
5	560716	1/4" NPT Male Nipple
6	560738	Hose Clamp

\*Items 2, 4, 5 and 6 not shown in graphic displayed above



OPTIONAL ACCESSORIES		
560779	Pressure Regulator 0-100psi	
5801386	Hose Assembly 10ft (3m)	
5601950	Quick Connect Coupler 1/4" Male	
5601951	Quick Connect Coupler 1/4" Female	

OPTIONAL LUER LOCK ADAPTERS AND ACCESSORIES		
5801420	Tip Adapter 1/4" NPT Male x Male Luer Lock Metal	
5801449	Tip Adapter 1/4" NPT Male x Male Luer Lock Black Polypropylene	
5801450	Tip Adapter 1/4" NPT Male x Male Luer Lock White Polypropylene	
QK-NSK	Quantx Needle Selection Kit	
8001039	Pointed Green Tip Cap	

## STANDARD COMPATIBLE 1/4" NPT NOZZLES

Item Number	Length (inch)	Dimension (inch)	Material
EA2160-HD	2	1/16	HDPE
EA2180-LD	2	1/8	LDPE
EA2180-HD	2	1/8	HDPE
EA4160-HD	4	1/16	HDPE
EA4160-LD	4	1/16	LDPE
EA4180-LD	4	1/8	LDPE
EA4320-HD	4	1/32	HDPE
EA4320-LD	4	1/32	LDPE
EA4900-LD	4	3/32	LDPE
EA6160-LD	6	1/16	LDPE
EA6180-LD	6	1/8	LDPE



## SPECIALTY COMPATIBLE 1/4" NPT NOZZLES

Item Number	Length (inch)	Dimension (inch)	Material	Nozzle Style
EA1050	4	1/2 x 1/16	HDPE	Spreader
EA1050-45	4	1/2 x 1/16	HDPE	45° Spreader
EA1075	4.5	3/4 x 1/8	HDPE	Spreader
EA1100	4.5	1 x 1/8	HDPE	Spreader
EA1175	4	1 3/4 x 1/8	HDPE	Spreader
EA3106	4	3/8 x 1/8	HDPE	Fillet Right Step
EA3206	4	3/8 x 1/8	HDPE	Fillet Left Step





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