



Craig Stephenson

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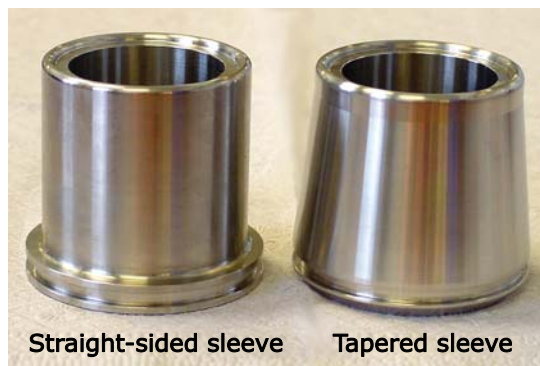
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SERVICE TIP

Do's & Don'ts For Maximum Diaphragm Life and Performance

Rolling diaphragms are used in the fill system on all newer half gallon and quart Evergreen Packaging fillers. They are also part of all hermetic fill update kits that have been installed on older fillers.

Diaphragm PN 5541888 was the original diaphragm used on older fillers that were made with or have been updated to the hermetic fill system. This diaphragm should be used with the tapered sleeve PN 3159463 or 3281674, depending on the machine model. Involute diaphragm PN 3285458 can be used with the straight-sided sleeve PN 3114666 or 3282501, depending on the machine model.



Straight-sided sleeve

Tapered sleeve

We have found that several factors can affect diaphragm life and performance. So here is a list of do's and don'ts for proper diaphragm installation.

Do's

1. Before installing, **do** lightly lubricate the diaphragm with Dow Corning #7 Silicone Lubricant, available from Evergreen as PN 5902727.

No substitutes!

2. **Do** install the diaphragm according to your Operator's Manual or kit drawing. We have found that many diaphragms have been installed incorrectly or inside out.
3. **Do** periodically use alignment fixture PN 3110720 to check the alignment of the metering bowl cover and the fill piston. Misalignment is indicated when wear patterns are all on one side of the diaphragm.

Don'ts

1. **Don't** use petroleum-based lubricants. They will break down the rubber material used in the diaphragm.

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PARTS DISCOUNTS

Parts must be ordered between Jan 1 and Feb 29, 2016. To get the discount, you must ask for the special *Run Time* price when you place the order!

Part No.	Description	Model	Discount	Your Price
3056955	Mandrel Shaft Complete	N5	15%	\$6,689.50
3057593	Conveyor Wear Strip Kit	Q11*	15%	\$3,590.40
3061505	Rotary Water Seal Kit	GTL1000, N5, Q10, Q14	15%	\$409.44
3114785	Cylinder No Carton No Fill	EQ5, H5, N5	15%	\$497.25
3115692	Chain Kit	Q7 SN4000 and up, Q11*	15%	\$13,532.00
3150762	Eccentric	H5, QPC11	15%	\$292.14
3281016	Suction Cup Screw	Most	15%	\$62.13
4840968	Hood LH Mounting	EQ5, GTL1000/3000, Q10, Q14, QPC11	15%	\$187.00
4840969	Bar RH Hood Mounting	EQ5, GTL1000/3000, Q10, QPC11	15%	\$182.66
5510930	Ignition Transformer	H5, N5	15%	\$160.48
5511413	Pressure Switch	Most	15%	\$163.71
5904283	HEPA Filter 22-1/4H x 48W x 6-3/8D	Q14	15%	\$601.80

*Not for SN 7047, 7049, 7073, 7074, 7080 and 7082

TRAINING SCHEDULE

Don't Wait to Schedule Filler Training

Let trainer Dennis Meagher show you how to keep your Evergreen Packaging filler properly maintained for top performance and long life. Dennis' training schools include both classroom and hands-on training.

- EQ-70: February 22 - March 4

Those who were enrolled in the cancelled December 2015 EQ-70 class will get first chance to enroll in this class.

Don't wait to schedule 2016 training for your facility. To request training for a specific filler model, please contact Dennis at 800-331-6083 ext 584 or at dennis.meagher@everpack.com.

Training can be held at the Evergreen Cedar Rapids facility or at your own plant. Also ask about in-plant training using our N-8 fill system or Spout-Pak® training stands.



For the most up-to-date training school information, look online at evergreenpackaging.com.



The *Run Time* is the newsletter of the Evergreen Packaging Equipment Sales Services Department. Its purpose is to provide customers with Evergreen Packaging gable top parts and service information.

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Evergreen Packaging Equipment is proud to be ISO 9001:2008 certified.

QUALITY POLICY

As employees, we will perform our jobs in conformance to customer and industry requirements with a commitment to doing it right the first time. We will manufacture and deliver on time, defect-free products and services to our customers.

We are dedicated to quality and continuous improvement.

(cont from page 1)

2. **Don't** rotate any of the hardware during installation of the diaphragm. Rotating the hardware can twist the diaphragm, which will shorten its life.
3. **Don't** run the fill systems without any fluid or product in the metering bowls any more than is absolutely necessary.
4. **Don't** adjust the fill fine-adjust knobs from their normal filling position during CIP/sterilization. Older non-hermetic fill systems required adjusting to maximum. This is no longer required since fluid is on both sides of the fill pistons.
5. **Don't** sterilize/CIP at temperatures over 280° F (137° C). The lower the

temperature, the longer the diaphragms should last.

Either of the two diaphragms can be used with the hermetic fill systems. It is important that you know which diaphragm and sleeve you should be using on your filler.

Kits are available to switch from the original 5541888 diaphragm to 3285458.

If you would like more detailed instructions for installing the correct diaphragm on your filler, you can request a diaphragm installation drawing to be mailed to you. Just call any Evergreen Sales Coordinator at 800-553-5981.

SERVICE TIPS

Update Your Filler to the Latest Design With These Kits

Hydrogen Peroxide Quick-Release Pump Update Kit, PN 7263332

New hydrogen peroxide pump heads are available with “quick release” to allow easy replacement of the flexible hose. The kit includes the hydrogen peroxide pumps with quick-release heads mounted in an enclosure with a mounting plate. This update will reduce the time required to replace the hydrogen peroxide pump hose, improving machine efficiencies and reducing down time.



EH-3 and EH-3D Top Squeezer Guide Block Update Kit, PN 3286915



This update kit includes stop blocks and pointers that help to keep the top seal bridge in alignment when making top seal adjustments. The kit is available for EH-3 SN5600-5645.



EVERGREEN PACKAGING is a global leader in beverage packaging systems, serving the dairy, juice, specialty, and other liquid food markets. The Evergreen Packaging business employs nearly 4,100 people worldwide. Besides the North American facilities, Evergreen Packaging includes wholly owned subsidiaries in China, South Korea and Taiwan, and joint ventures in Israel, Latin America, North Africa and Saudi Arabia.

Evergreen Packaging is owned by Reynolds Group Holdings Ltd, an investment company that also owns Reynolds Packaging, Pactiv Corporation, Closure Systems International and Graham Packaging.

The Evergreen Packaging product line includes:

- Gable top packaging equipment—which forms, fills, and seals paper gable top cartons—available for pasteurized, ESL (Extended Shelf Life), ELL (Extended Long Life), and hot fill applications. These machines fill cartons from 4 oz. up to half-gallon (150 ml up to 2 liter), at speeds from 30 to 340 cartons per minute.
- SPOUT-PAK® twist-off closures for most gable top cartons.
- Gable top materials available through our global network of converting plants.

Craig Stephenson Retires

This month we bid a fond farewell to Customer Development Representative Craig Stephenson. In October 2008, customers started receiving “Craig’s List” of discounted surplus parts via fax and email, or maybe you heard Craig’s friendly voice on the phone. Either way, he was all about serving customers and getting them the parts they needed at a low price. His was a brand new position at Evergreen so Craig had the opportunity to define it. Needless to say, he took the challenge and ran with it.

Craig looks forward to spending his retirement volunteering at area food banks and travelling with his wife Julie who is also retired. We wish them all the best. Meanwhile, we will soon begin offering deep discounts for surplus parts in the *Run Time* newsletter in addition to our usual *Run Time* discounts on stocked parts.

PRODUCT SPOTLIGHT

Q-70 Filler’s Servo-Driven Design Provides Flexibility

The Q-70 gable top packaging machine serves the small to mid-size volume market. With fill volumes of 6 to 32 oz (180 ml to 1 l), the Q-70 fills quarts/liters up to 7,000 cph and fractionals up to 9,000 cph to meet market demand.

The servo-driven main drive, infeed loader, mandrels, lift, fill, and conveyor chains automatically control fill volumes and profiles based on product and carton size, providing flexibility to the beverage processor. A single-station bottom-up fill system features a double-diaphragm metering bowl for an accurate, consistent fill.

Beverage processors will experience less down time with the Q-70’s robust design and infinite fill capabilities. The operator can quickly and easily make changes to fill volumes to maximize production.

The Q-70 is ergonomically designed with low carton-loading height for operator comfort and ease of loading. It is simple to operate and maintain with easy access to components and a standard automatic lubrication system.

The machine also offers distinct advantages in the sealing area. The Q-70’s two-stage top sealing component provides gentle and uniform heat for a leak-free seal.

Optional design features include:

- SPOUT-PAK® closure system.
- ESL features such as HEPA, auto sanitization, and three levels of carton decontamination.
- Self-contained CIP system and remote captive water system.

For more information, contact Evergreen Packaging Equipment at 319-399-3294 or visit www.evergreenpackaging.com.



Every part you purchase from EVERGREEN PACKAGING EQUIPMENT is backed by our:

- Commitment to quality.
- Technical Service Team (TST) of engineers to answer your questions.
- Team of knowledgeable sales coordinators to make sure you get the part you need, when you need it.
- Emergency parts and service availability 24 hours a day, 7 days a week.
- Experienced field service technicians available to maintain your filler in peak operational condition.
- Six-month warranty.

TO ORDER PARTS:

Email: evergreenparts@everpack.com
 Phone: 319-399-3399 or 800-553-5981
 Fax: 319-399-3388 or 800-553-5986

TO REQUEST SERVICE:

Email: evergreen-fieldservice@everpack.com
 Phone: 319-399-3570 or 800-331-6083
 Fax: 319-399-3366

FOR TECH SUPPORT:

Phone: 319-399-3300

ANNOUNCEMENT

The Evergreen Packaging facility will be closed on January 1 for New Year’s Day. On that day, we will ship parts and schedule service on an emergency basis only.

Happy New Year!