

OPW 7H® and 7HB® Automatic Shut-off Nozzles

For Heavy-Duty, High-Flow Truck, Bus & Fleet Service

If you operate a full-service truck stop, refuel your own fleet or manage a card-lock refueling location, the low-cost, long-life and durability of the OPW 7H® high-flow nozzle can help increase your productivity, sales and profits.

**FIRST to Meet NEW
UL-2586 Requirements**

Materials

- Body: Aluminum
- Lever & Lever Guard: Duratuff®
- Packing: Graphite with Teflon®
- Disc: Viton®
- Spout: Aluminum
- Inlet Size: 1" NPT
- Weight: 3.35 lbs. each, 52.05 lbs./case of 15
1.51 kg each, 23.6 kg/case of 15



Features

Safe for Use

- ◆ UL- and ULC-Listed for use in gasoline, diesel and up to 10% ethanol blends. Specific listings available at www.opwglobal.com.
- ◆ Prevents gasoline spills in prepay or card-lock systems utilizing OPW's unique No-Pressure - No-Flow Device. The nozzle cannot be opened until the pumping system is pressurized, and closes automatically when the pressure is removed. (7HB Series only)
- ◆ Prevents consumer from jamming the nozzle in an open position – blocker on lever guard.
- ◆ FlowLock™ allows nozzle to shut off when falling out of a fill pipe, and is tipped up, limiting spillage and unsafe conditions.
- ◆ Reliably low shut off – specifically designed to ensure proper automatic shut off as low as 5 gallons per minute.

Durable and Long Lasting Design

- ◆ Cycle-tested and proven to last longer than 1 million cycles – better than any other nozzle available on the market today.*

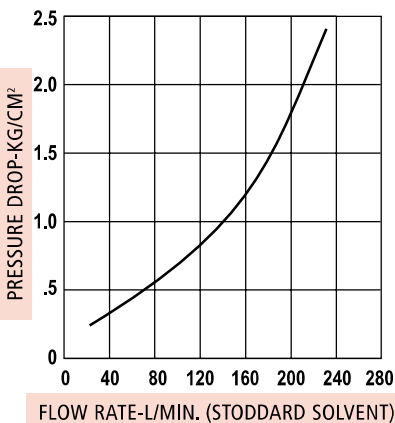
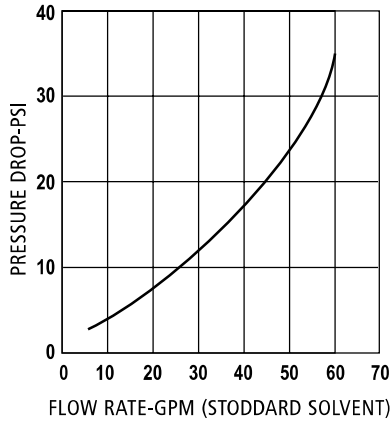
- ◆ Durable lever guard that won't scratch your customers' vehicles – made from Duratuff®.
- ◆ New hold-open clip spring lasts longer than previous designs.

Appealing to Customers

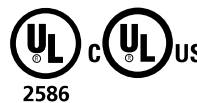
- ◆ Easy to use – utilizing Accu-Stop® to-the-penny Flow Control Technology.
- ◆ Easy to open, even at high pressures, utilizing Dual Poppets.
- ◆ Even, smooth spray pattern – minimizes diesel foaming and false shut offs.
- ◆ Smooth closing action and reduced line shock from incorporated dashpot technology.
- ◆ Convenient – one-finger hold-open clip that is easy to set the flow rate. (not on all models)
- ◆ Spout Retaining Ring – adds extra measure in securing nozzle spout in fill pipe where required. (not on all models)

Design working pressure

- ◆ 50 psi (3.45 bar) maximum pressure.
- * **OPW internal lab-testing results as of August 2010.**



Listings and Certifications



See pages 166 - 172 for certification number

⚠ WARNING

In order to be UL-2586 approved effective April 30, 2015, the use of a Hold-Open device is only permitted on dispensing nozzles equipped with a "B-Cap" (no-pressure - no-flow) or interlock feature. The use of foreign objects to hold open automatic nozzles could result in shut off failure and personal injury.

Ordering Specifications

B-5 Nozzles compatible up to B5 (5% Biodiesel), Fuel Oil and Kerosene

Handwarmer Color	7H [®] * with Spout Ring	7H [®] * without Spout Ring	7HB [®] with Spout Ring	7HB [®] without Spout Ring
Green	7H-0100	7H-5100	7HB-0100	7HB-5100
Black	7H-0400	7H-5400	7HB-0400	7HB-5400
Yellow	7H-0900	7H-5900	7HB-0900	7HB-5900
Bare	-	-	7HB-0090	7HB-5009

NOTE: All new 7H and 7HB nozzles now come with FILLGARD™. For replacement FILLGARDs, see page 154. *7H Nozzles are no longer permitted and sold with Hold-Open Clips per UL-2586 requirements.

B-20 Nozzles compatible up to B20 (20% Biodiesel)

Handwarmer Color	7H [®] * with Spout Ring	7H [®] * without Spout Ring	7HB [®] with Spout Ring	7HB [®] without Spout Ring
Green	7H-0100-B20	7H-5100-B20	7HB-0100-B20	7HB-5100-B20
Black	7H-0400-B20	7H-5400-B20	7HB-0400-B20	7HB-5400-B20
Yellow	7H-0900-B20	7H-5900-B20	7HB-0900-B20	7HB-5900-B20

NOTE: All new 7H and 7HB nozzles now come with FILLGARD™. For replacement FILLGARDs, see page 154. *7H Nozzles are no longer permitted and sold with Hold-Open Clips per UL-2586 requirements.

Replacement Parts

Product	Part #	O.D.*		Length		Weight		Used On
		in.	mm	in.	mm	lbs.	kg	
7H Spout Kit w/ spout ring	5BH-0115	1 3/16*	30	7	178	.66	.30	7H [®]
7H Spout Kit w/o spout ring	5BH-5115	1 3/16	30	7	178	.66	.30	7H [®] (w/o ring)
12-inch 7H Spout Kit	5BHB-0125	1 3/16	30	12	305			7H [®]

NEWGARD™ Kits See page 154

Product	Part #	O.D.*		Length		Weight		Used On
		in.	mm	in.	mm	lbs.	kg	
7HB Spout Kit w/ spout ring	5BBH-0136	1 3/16*	30	7	178	.65	.30	7HB [®]
7HB Spout Kit w/o spout ring	5BBH-5136	1 3/16	30	7	178	.66	.30	7HB [®] (w/o ring)

NEWGARD™ Kits See page 154

* Spout end with anchor ring is 1 31/64" O.D.

7H[®], 7HB[®] Series Instruction Sheet Order Number: **H15985M**

Custom Colors

With minimum quantities. Contact OPW customer service.

- Blue
- Red
- Silver



OPW 5BH
7H[®] Spout with ring



OPW 5BBH
7HB[®] Spout without ring

NOTE: See OPW's Website at www.opwglobal.com for product instruction sheets, troubleshooting guides, how-to-use guide and to view the Do's & Don'ts at the Gas Pump video.

OPW NEWGARD™ Full Hand Insulator

All OPW 7 Series, Astro Series, and 11A® Series nozzles are furnished complete with NEWGARD™ hand-insulators. Available in a variety of colors.

OPW NEWGARD™ Two-Piece Hand Insulator

OPW 11A® and 11B® nozzles are furnished complete with NEWGARD™ 2-piece hand-insulators. For a more unique appearance, try our new two-piece design. OPW NEWGARD™ 2-piece hand-insulators make it easy to match new color schemes or replace soiled insulators without removing the nozzle from the hose.

OPW 8 FILLGARD™ Splash Guard

FILLGARD™ also enhances the appearance of your gasoline nozzle, and makes dispensing gasoline more pleasant for your customers. FILLGARD™ won't deform or crack in cold weather. FILLGARD™ is not standard on new 7 Series nozzles.



OPW NEWGARD™
7 Series/11A® Series

OPW NEWGARD™
Two-Piece Hand Insulator
11A®/11B®
11BP-0992-E85

Note: Barrel And Hand Insulator Sold Separately.

Hand Insulator

Barrel

FILLGARD™

Ordering Specifications

Hand Insulator Color	NEWGARD™ 1 piece 7HB®	NEWGARD™ 2 piece		FILLGARD™	
		11A®	11B®	11A® & 11B®	7H® / 7HB®
Green	E00325M	D01773M	D01529M	8G-0100	8HG-0100
Silver		205217	D02078M	8S-0200	
Red	211218	D01775M	D01789M	8R-0300	8HR-0300
Black	E00324M	D01719M	D01532M	8BL-0400	8HBL-0400
Blue	H14846M	D01774M	D01790M	8B-0500	
Yellow	H11923M	D01776M	D01791M	8Y-0900	8HY-0900
Gold		205219	205206	8GL-0750	
Orange	205599	205248	205252	80-0800	8HO-0800
		D01530M Barrel			

Note: Barrel and Hand Insulator sold separately.

Custom Colors: With minimum quantities. Contact OPW Customer Service.

<input type="checkbox"/> White	<input type="checkbox"/> Azure Blue	<input type="checkbox"/> Brown
<input type="checkbox"/> Light Red	<input type="checkbox"/> Dark Blue	

Notes:

- 1) OPW may add or delete colors without notice.
- 2) Actual color may vary from production run to production run.
- 3) Custom colors available, minimum quantities applicable.**
- 4) Custom logos available for additional charge.**

** For ordering specifications not listed in this catalog, visit our website at www.opwglobal.com or contact Customer Service at 1-800-422-2525.