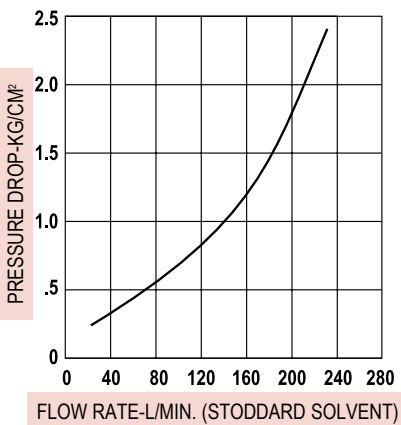
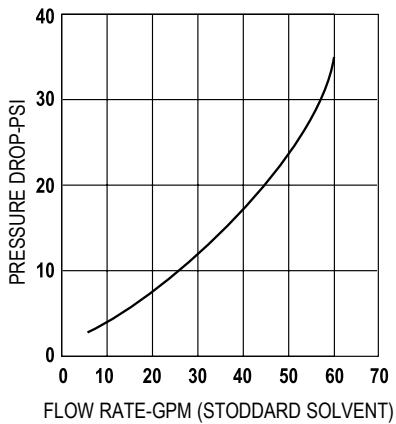


## OPW 7H® and 7HB® Automatic Shut-off Nozzles

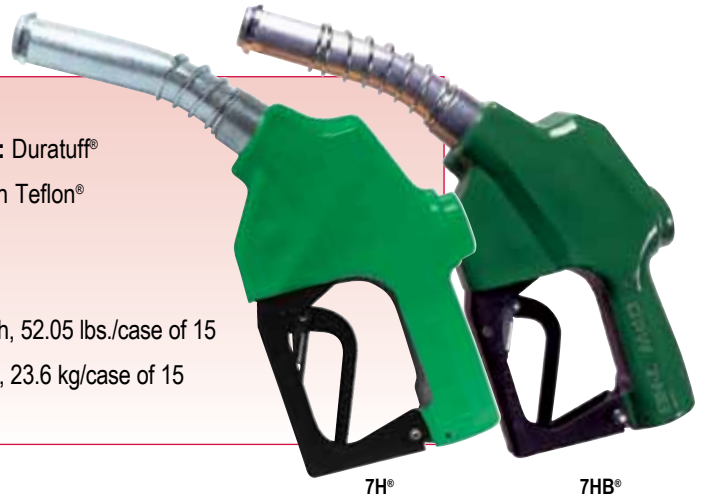
### For Heavy-Duty, High-Flow Truck, Bus and Fleet Service

If you operate a full-service truckstop, 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.



## Materials

- Body:** Aluminum
- Lever & Lever Guard:** Duratuff®
- Packing:** Graphite with Teflon®
- Disc:** Viton®
- 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](http://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.
- ◆ Low reliable 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 Dash-pot 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.

### NFPA 30-A Automotive and Marine Service Station Code (9-1.2.1)

At any installation where the normal flow of product may be stopped other than by the hose nozzle valve, such as at pre-pay stations, the system shall include listed equipment with the feature that causes or requires the closing of the hose nozzle valve before product flow can be resumed, or before the hose nozzle valve can be replaced in its normal position in the dispenser; or the nozzle valve shall not be equipped with a latch-open device.

## Ordering Specifications

### ⚠ WARNING

Do not use OPW 7H® nozzles with a hold-open device at installations (such as pre-pay and card readers) where the normal flow of product may be stopped or started by means other than with the hose nozzle valve. Use the OPW 7HB® or the OPW 7H® without a hold-open device. Failure to comply is a violation of NFPA Code 30-A, and may create a hazardous condition. Use of foreign objects to hold open automatic nozzles could result in shut-off failure and personal injury.

Standard Hand Insulator Color	7H® w/ spout ring	7H® w/o Spout Ring	Remanufactured ** 7H® w/ spout ring	Remanufactured ** 7H® w/o spout ring
<span style="color: green;">■</span> Green	7H-0100	7H-5100	R7701-N1GRNO	R7701-I1GRNO
<span style="color: black;">■</span> Black	7H-0400	7H-5400	R7701-N1BKNO	R7701-I1BKNO
<span style="color: yellow;">■</span> Yellow	7H-0900	7H-5900	R7701-N1YWNO	R7701-I1YWNO
Standard Hand Insulator Color	7HB® w/ spout ring	7HB® w/o Spout Ring	Remanufactured 7HB® w/ spout ring	Remanufactured 7HB® w/o spout ring
<span style="color: green;">■</span> Green	7HB-0100	7HB-5100	R77B1-N1GRNO	R77B1-I1GRNO
<span style="color: black;">■</span> Black	7HB-0400	7HB-5400	R77B1-N1BKNO	R77B1-I1BKNO
<span style="color: yellow;">■</span> Yellow	7HB-0900	7HB-5900	R77B1-N1YWNO	R77B1-I1YWNO

**NOTE:** All new 7H and 7HB nozzles now come with FillGard™. For replacement FillGards, see page 174.

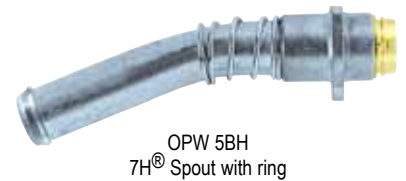
**\*\* OPW now offers remanufactured nozzles. Contact customer service for details on ordering remanufactured nozzles and the OPW core bank program.**

## Replacement Parts

### 7H®

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)

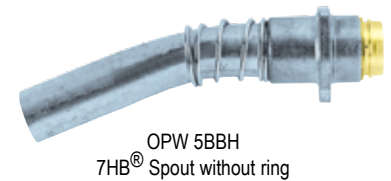
NewGard™ Kits See pg. 174. 7H®



### 7HB®

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 pg. 174. 7HB®



\* Spout end with anchor ring is 1 3/16" O.D.

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

NOTE: See OPW's Website at: [www.opwglobal.com](http://www.opwglobal.com) for product instruction sheets, trouble-shooting guides, how-to-use guide and to view the Do's & Don'ts at the Gas Pump video.