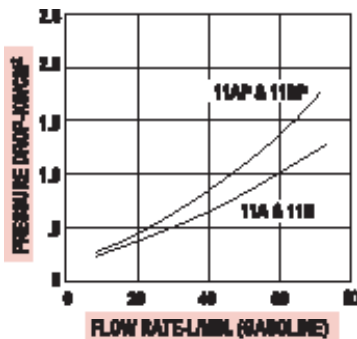
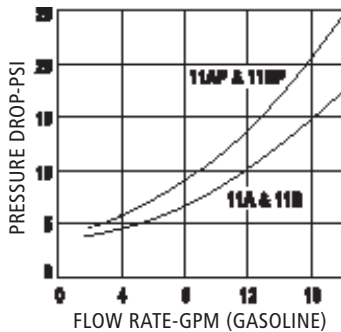


**OPW 11A® and 11B®  
Automatic Nozzles**

The OPW 11® Series automatic nozzles are OPW's premium conventional nozzles for safe retail and commercial petroleum filling. The OPW 11® Series is the most trusted conventional nozzle in the world for full service use. The OPW 11B® Series is designed for use in retail and commercial filling applications including prepay, self- and full-service, credit/debit card readers or card-lock systems to help prevent gasoline spills. The OPW 11B® will not open until the pumping system is pressurized, and closes automatically when the pressure is removed.

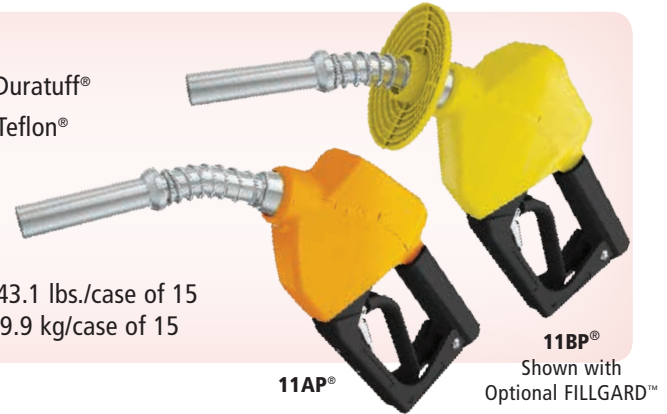


**Accessories**

Name	Product #	Description	Used For:
3/4" to 1" Bushing	28S-0350	3/4" MNPT to 1" FNPT Bushing	Converting 11 Series Nozzle for use on 1" Hose
1" to 3/4" Bushing	28R-2404	1" MNPT x 3/4" FNPT Bushing	Converting 7 Series Nozzle for use on 3/4" Hose

**Materials**

- Body:** Aluminum
- Lever & Lever Guard:** Duratuff®
- Packing:** Graphite with Teflon®
- Disc:** Viton®
- Spout:** Aluminum
- Inlet Size:** 3/4" NPT
- Weight:** 2.73 lbs. each, 43.1 lbs./case of 15  
1.25 kg each, 19.9 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 (11B 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 vehicle, and is tipped up, limiting spillage and unsafe conditions.

**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.
- ◆ Attractive 2-Piece NEWGARD™ Hand Insulator is the most comfortable nozzle in the industry to use.
- ◆ Convenient – one-finger hold-open clip that is easy to set the flow rate (not on all models).

**Design working pressure**

- ◆ 50 psi (3.45 bar) maximum pressure.

\* **OPW internal lab testing results as of August 2010.**

**Replacement Parts**

Name	Product #	Description	Used For:
11A Leaded Spout Kit	5BS-2110	11A, 15/16" O.D. Leaded Spout	11A Spout Replacement
11AP Unleaded Spout Kit	5BPS-2117	11AP, 13/16" O.D. Unleaded Spout	11AP Spout Replacement
11B Leaded Spout Kit	5BBS-2135	11B, 15/16" O.D. Leaded Spout	11B Spout Replacement
11BP Unleaded Spout Kit	5BBPS-2137	11BP, 13/16" O.D. Unleaded Spout	11BP Spout Replacement
NEWGARD Kits	See pg. 166	Replacement Hand Insulators	11A, 11AP, 11B, 11BP NEWGARD Replacements
Instruction Sheet	H15985M	Installation and Instruction Sheet	11A, 11AP, 11B, 11BP Instruction Sheet

**Listings and Certifications**



NOTE: 11A and 11B nozzles models are available with 1- or 2-piece Hand Insulators.

See pages 283-291 for certification number

## Ordering Specifications

### E-10 Automatic Nozzles with Hold-Open Devices compatible up to E10 (10% Ethanol)

Hand-warmer Color	11BP Unleaded 2 Piece Handwarmer	11BP Unleaded 1 Piece Handwarmer	11BP AdMaster™ 2 Piece Handwarmer	11BP 2 Piece Handwarmer Extreme Cold
Green	11BP-0100	11BP-0100-1P	11BP-0100-AD	11BP-0100-XC
Silver	11BP-0200	11BP-0200-1P	–	–
Red	11BP-0300	11BP-0300-1P	11BP-0300-AD	11BP-0300-XC
Black	11BP-0400	11BP-0400-1P	11BP-0400-AD	11BP-0400-XC
Blue	11BP-0500	11BP-0500-1P	11BP-0500-AD	–
Gold	11BP-0750	11BP-0750-1P	–	–
Orange	11BP-0800	11BP-0800-1P	–	–
Yellow	11BP-0900	11BP-0900-1P	11BP-0900-AD	–
Bare	11BP-0009	11BP-0009	–	–

Contact Customer Service for special color applications.

### E-10 Automatic Nozzles without Hold-Open Devices compatible up to E10 (10% Ethanol)

Handwarmer Color	11AP Unleaded* 2 Piece Handwarmer	11AP Unleaded* 1 Piece Handwarmer	11AP* AdMaster™ 2 Piece Handwarmer
Green	11AP-0100	11AP-0100-1P	11AP-0100-AD
Silver	11AP-0200	11AP-0200-1P	–
Red	11AP-0300	11AP-0300-1P	11AP-0300-AD
Black	11AP-0400	11AP-0400-1P	11AP-0400-AD
Blue	11AP-0500	11AP-0500-1P	11AP-0500-AD
Gold	11AP-0750	11AP-0750-1P	–
Orange	11AP-0800	11AP-0800-1P	–
Yellow	11AP-0900	11AP-0900-1P	11AP-0900-AD
Bare	11AP-0009	11AP-0009	–

\*11A Nozzles are no longer permitted and sold with Hold-Open Clips per UL 2586 requirements.

### E-25 Nozzles compatible up to E25 (25% Ethanol)

Handwarmer Color	11AP* Unleaded 2 Piece Handwarmer	11BP Unleaded 2 Piece Handwarmer
Green	11AP-0100-E25	11BP-0100-E25
Red	11AP-0300-E25	11BP-0300-E25
Black	11AP-0400-E25	11BP-0400-E25
Blue	11AP-0500-E25	11BP-0500-E25
Orange	11AP-0800-E25	11BP-0800-E25
Yellow	11AP-0900-E25	11BP-0900-E25

\*11A Nozzles are no longer permitted and sold with Hold-Open Clips per UL 2586 requirements.

### E-85 Nozzles compatible up to E85 (85% Ethanol)

Handwarmer Color	11BP Unleaded 2 Piece Handwarmer	11BP AdMaster™ 2 Piece Handwarmer
Green	11BP-0192-E85	–
Red	11BP-0392-E85	–
Black	11BP-0492-E85	11BP-0492-E85-AD
Yellow	11BP-0992-E85	11BP-0992-E85-AD

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

Hand-warmer Color	11A Leaded* 2 Piece Handwarmer	11A Leaded* 1 Piece Handwarmer	11A Leaded* AdMaster™	11B Leaded 2 Piece Handwarmer	11B Leaded 1 Piece Handwarmer	11B Leaded AdMaster™
Green	11A-0100	11A-0100-1P	11A-0100-AD	11B-0100	11B-0100-1P	11B-0100-AD
Silver	11A-0200	11A-0200-1P	–	–	11B-0200-1P	–
Red	11A-0300	11A-0300-1P	–	11B-0300	11B-0300-1P	–
Black	11A-0400	11A-0400-1P	11A-0400-AD	11B-0400	11B-0400-1P	11B-0400-AD
Blue	11A-0500	11A-0500-1P	11A-0500-AD	11B-0500	11B-0500-1P	–
Gold	11A-0750	11A-0750-1P	–	11B-0750	11B-0750-1P	–
Orange	11A-0800	11A-0800-1P	–	11B-0800	11B-0800-1P	–
Yellow	11A-0900	11A-0900-1P	11A-0900-AD	11B-0900	11B-0900-1P	11B-0900-AD
Bare	11A-0009	–	–	11B-0009	11B-0009	–

\*11A 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	11A Leaded* 2 Piece Handwarmer	11B Leaded 2 Piece Handwarmer
Green	11A-0100-B20	11B-0100-B20
Black	11A-0400-B20	11B-0400-B20
Yellow	11A-0900-B20	11B-0900-B20

\*11A Nozzles are no longer permitted and sold with Hold-Open Clips per UL 2586 requirements.

### WARNING

In order to be UL2586 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.

### Custom Colors

With minimum quantities. Contact OPW Customer Service.

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



**28S-0350**  
Bushing Adaptor



**28R-2404**  
Bushing Adaptor



OPW 5BS and 5BBS  
Leaded, Diesel, Kerosene



OPW 5BBPS and OPW 5BPS  
Unleaded

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.

## Materials

- Body:** Aluminum w/ nickel plating
- Lever & Lever Guard:** Duratuff®
- Packing:** Graphite with Teflon®
- Seals:** Viton®
- Spout:** Aluminum w/ nickel plating
- Inlet Size:** 3/4" NPT
- Weight:** 2.73 lbs. each  
1.25 kg each

11BP-0992-E85



## Features

### Safe for Use

- ◆ UL-Listed for up to 85% Ethanol.
- ◆ Prevents gasoline spills in prepay or card-lock systems utilizing OPW's unique No Pressure – No Flow Device. It cannot be opened until the pumping system is pressurized, and closes automatically when the pressure is removed.
- ◆ 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 vehicle, and is tipped up, limiting spillage and unsafe conditions.

### 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

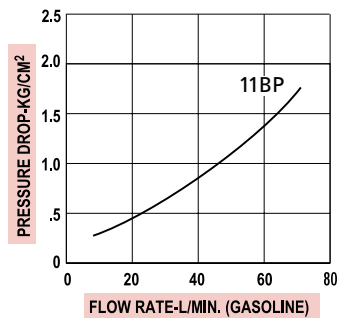
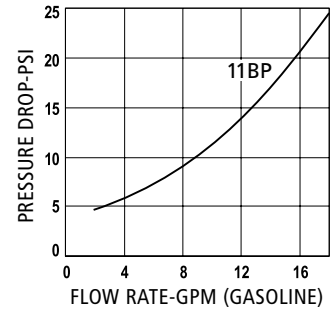
- ◆ Easy to use – utilizing Accu-Stop® to-the-penny Flow Control Technology.
- ◆ Attractive 2-Piece NEWGARD™ Hand Insulator is the most comfortable nozzle in the industry to use.
- ◆ Convenient – one-finger hold-open clip that is easy to set the flow rate (not on all models).

### Design working pressure

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

## OPW 11BP E-85 Series Ethanol Nozzles

The OPW 11BP E-85 Series nozzles are designed and rigorously tested for use in today's alternative fuels. It's the first nozzle of its kind to be UL-Listed for use in Ethanol-blended fuels up to 85%.



## Ordering Specifications

E-85 Nozzles compatible up to E85 (85% Ethanol)		
Handwarmer Color	11BP Unleaded 2 Piece Handwarmer	11BP AdMaster™ 2 Piece Handwarmer
Green	11BP-0192-E85	-
Red	11BP-0392-E85	-
Black	11BP-0492-E85	11BP-0492-E85-AD
Yellow	11BP-0992-E85	11BP-0992-E85-AD

## 241TPS Ordering Specifications E85 Approved

Product #	Inlet/Outlet	Length A	Depth B
241TPS-0492	3/4" F x 3/4" M (NPT)	4 7/8"	2 3/16"
	19 mm x 19 mm	124 mm	56 mm

## Listings and Certifications



UL Listed for up to 85% Ethanol

## Replacement Parts

Product	Product #	O.D.	Length	Weight
		in. mm	in. mm	lbs. kg
11BP spout replacement kit	5BBPI-0492	1 3/16" 21	7" 178	.47 .22

NEWGARD™ Kits See page 164.

11BP Instruction Sheet Order Number: **H15889PAE**

## 66V Ordering Specifications E85 Approved

Product #	Size	Weight	Pull Force
	in. mm	lbs. kg	
66V-0492	3/4" F x 3/4" F (NPT) 19 F x 19 F	0.60 0.27	300 lbs.

66V Series 3/4" Instruction Sheet Order Number: **H10993PA**