

OPW 11® Series Automatic Nozzles

Premium and reliable conventional nozzles for petroleum filling applications, the OPW 11® Series is the most trusted conventional nozzle in the world for full-service use. All OPW 11® Series nozzles possess automatic shutoff.

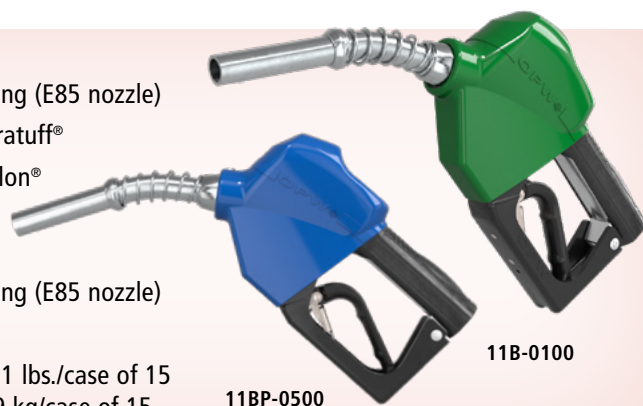
OPW 11B (Leaded) and 11BP (Unleaded) nozzles are designed for use in retail and commercial filling applications, including pre-pay, self-and full-service, credit/debit card rewaders, or card-lock systems to help prevent gasoline/diesel spills. The 11B and 11BP will not open until the pumping system is pressurized, and closes automatically when the pressure is removed. "No-pressure, no-flow"

Recently re-designed with new features, OPW 11® Series nozzles now include:

- ◆ A patented easy-open feature with a reduced opening force (US Pat: 12,227,408)
- ◆ A new ergonomically designed grip featuring a new barrel cover and lever
- ◆ A newly-designed scuff guard

Materials

Body: Aluminum
Aluminum with Nickel Plating (E85 nozzle)
Lever & Lever Guard: Duratuff®
Packing: Graphite with Teflon®
Disc: Viton®
Spout: Aluminum
Aluminum with Nickel Plating (E85 nozzle)
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 85% ethanol blends. Specific listings available at opwretailfueling.com.
- ◆ No-pressure, no-flow feature helps prevent spills in pre-pay and cardlock systems (11B & 11BP)
- ◆ Prevents consumer from jamming the nozzle in an open position with a blocker on the 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

- ◆ Lab cycle-tested and proven to last longer than 1 million cycles – better than any other nozzle available on the market.
- ◆ 100% of nozzles are tested to UL requirements.

- ◆ Durable lever guard that won't scratch your customers' vehicles – made from Duratuff®.
- ◆ Long-lasting hold-open clip spring.

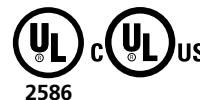
Appealing to Customers

- ◆ 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.

Listings and Certifications



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



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

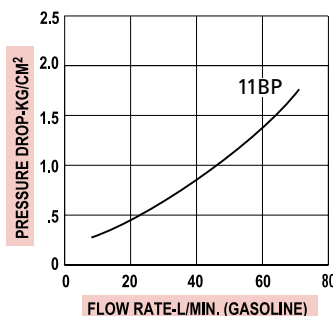
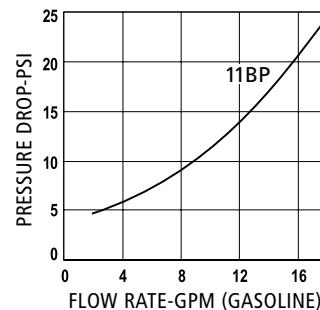
- ◆ Easy to use – utilizing Accu-Stop® to-the-penny Flow Control Technology.
- ◆ Attractive 2-Piece NEWGARD™ Hand Insulator is the most comfortable nozzle in the industry to use.
- ◆ Convenient – one-finger hold-open clip that is easy to set the flow rate (not on all models).

Design working pressure

- ◆ 50 psi (3.45 bar) maximum pressure.

OPW 11BP E-85 Series Ethanol Nozzles

The OPW 11BP E-85 Series nozzles are designed and rigorously tested for use with 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%.



Listings and Certifications



UL-Listed for up to 85% Ethanol

Ordering Specifications

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

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

241TPS Ordering Specifications E85-Approved

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

Replacement Parts

Product	Product #	O.D. in. mm	Length in. mm	Weight lbs. kg
11BP E85 spout replacement kit	5BBPI-0492	13/16" 21	7" 178	.47 .22

11BP Instruction Sheet Order Number: H15889PAE

66V Ordering Specifications E85-Approved

Product #	Size in. mm	Weight lbs. kg	Pull Force
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

Ordering Specifications

E-10 Automatic Nozzles compatible up to E10 (10% Ethanol)

Handwarmer Color	11AP Unleaded* 2 Piece Handwarmer without Hold-Open Devices	11BP Unleaded 2 Piece Handwarmer with Hold-Open Devices
Green	11AP-0100	11BP-0100
Silver	11AP-0200	11BP-0200
Red	11AP-0300	11BP-0300
Black	11AP-0400	11BP-0400
Blue	11AP-0500	11BP-0500
Gold	11AP-0750	11BP-0750
Orange	11AP-0800	11BP-0800
Yellow	11AP-0900	11BP-0900
Bare	11AP-0009	11BP-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
Green	11BP-0192-E85
Red	11BP-0392-E85
Black	11BP-0492-E85
Yellow	11BP-0992-E85



28S-0350
Bushing Adaptor



28R-2404
Bushing Adaptor

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

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

Handwarmer Color	11A Leaded* 2 Piece Handwarmer	11B Leaded 2 Piece Handwarmer
Green	11A-0100	11B-0100
Silver	11A-0200	—
Red	11A-0300	11B-0300
Black	11A-0400	11B-0400
Blue	11A-0500	11B-0500
Gold	11A-0750	11B-0750
Orange	11A-0800	11B-0800
Yellow	11A-0900	11B-0900
Bare	11A-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.

Extreme Cold (XC) 11 Series Nozzles

Product #	Description
11B-0100-XC	Extreme Cold-Weather, 3/4" NPT Auto-Diesel Nozzle, 11B, Green
11B-0400-XC	Extreme Cold-Weather, 3/4" NPT Auto-Diesel Nozzle, 11B, Black
11B-0900-XC	Extreme Cold-Weather, 3/4" NPT Auto-Diesel Nozzle, 11B, Yellow
11BP-0100-XC	Extreme Cold-Weather, 3/4" NPT Gasoline Nozzle, 11BP, Green
11BP-0300-XC	Extreme Cold-Weather, 3/4" NPT Gasoline Nozzle, 11BP, Red
11BP-0400-XC	Extreme Cold-Weather, 3/4" NPT Gasoline Nozzle, 11BP, Black
11B-0100-XCB20	Extreme Cold-Weather, 3/4" NPT Auto-Diesel Nozzle, 11B, B20, Green
11B-0400-XCB20	Extreme Cold-Weather, 3/4" NPT Auto-Diesel Nozzle, 11B, B20, Black
11B-0900-XCB20	Extreme Cold-Weather, 3/4" NPT Auto-Diesel Nozzle, 11B, B20, Yellow

Replacement Parts

Name	Product #	Description	Used For:
11A Leaded Spout Kit	5BS-2110	11A, 1 1/16" O.D. Leaded Spout	11A Spout Replacement
11AP Unleaded Spout Kit	5BPS-2117	11AP, 1 1/16" O.D. Unleaded Spout	11AP Spout Replacement
11B Leaded Spout Kit	5BBS-2135	11B, 1 1/16" O.D. Leaded Spout	11B Spout Replacement
11BP Unleaded Spout Kit	5BBPS-2137	11BP, 1 1/16" O.D. Unleaded Spout	11BP Spout Replacement
NEWGARD Kits	See pg. 154	Replacement Hand Insulators	11A, 11AP, 11B, 11BP NEWGARD Replacements
Instruction Sheet	H15985M	Installation and Instruction Sheet	11A, 11AP, 11B, 11BP Instruction Sheet

Product	Product #	O.D. in. mm	Length in. mm	Weight lbs. kg
E85 11BP spout replacement kit	5BBPI-0492	1 1/16" 21	7" 178	.47 .22

11BP Instruction Sheet Order Number: H15889PAE



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.

OPW 7H® AND 7HB® Automatic Shut-OFF Nozzles

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

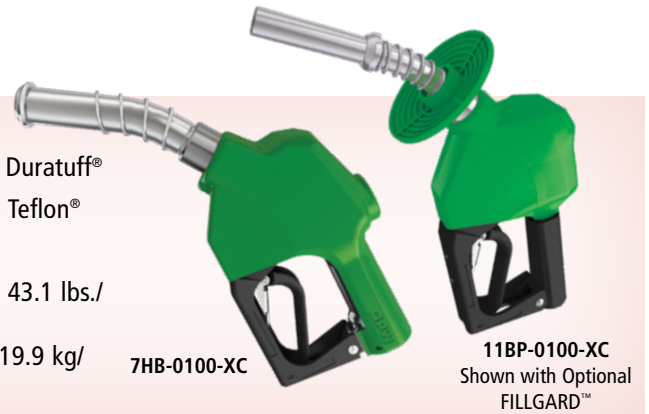
If you operate a full-service truck stop, refuel your own fleet or manage a card-lock refueling location, the low-cost, long life and durability of the OPW 7H® high-flow nozzle can help increase your productivity, sales and profits. The OPW 7HB® will not open until the pumping system is pressurized, and closes automatically when the pressure is removed.

Listings and Certifications



Materials

Body: Aluminum
Lever & Lever Guard: Duratuff®
Packing: Graphite with Teflon®
Disc: Viton®
Weight: 2.73 lbs. each, 43.1 lbs./case of 15
 1.25 kg each, 19.9 kg/case of 15



Nozzles (above) shown with optional hand-insulator. Hand insulator not included.

Features

Safe for Use

- ◆ UL-Listed for use in gasoline, diesel, and up to 10% ethanol blends. Specific listings available at www.opwglobal.com
- ◆ Prevents gasoline and/or diesel spills in prepay or card-lock systems utilizing OPW's unique No-Pressure - No-Flow Device. The nozzles cannot be opened until the pumping system is pressurized, and close automatically when the pressure is removed. (OPW 11B® and 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 vehicle, and tipped up, limiting spillage and unsafe conditions.

Durable & Long Lasting Design

- ◆ Compatible to -54°C [-65°F]
- ◆ 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. (OPW 11B® and 7HB® Series Only)
- ◆ Easy to use – Utilizing Accu-Stop® to-the-penny Flow Control Technology.

Ordering Specifications

Product #	Description
11B-0100-XC	Extreme Cold-Weather, 3/4" NPT Auto-Diesel Nozzle, 11B, Green
11B-0400-XC	Extreme Cold-Weather, 3/4" NPT Auto-Diesel Nozzle, 11B, Black
11B-0900-XC	Extreme Cold-Weather, 3/4" NPT Auto-Diesel Nozzle, 11B, Yellow
11BP-0100-XC	Extreme Cold-Weather, 3/4" NPT Gasoline Nozzle, 11BP, Green
11BP-0300-XC	Extreme Cold-Weather, 3/4" NPT Gasoline Nozzle, 11BP, Red
11BP-0400-XC	Extreme Cold-Weather, 3/4" NPT Gasoline Nozzle, 11BP, Black
7HB-0100-XC	Extreme Cold-Weather, 1" NPT Diesel Nozzle, 7HB, Green
7HB-0400-XC	Extreme Cold-Weather, 1" NPT Diesel Nozzle, 7HB, Black
7HB-0900-XC	Extreme Cold-Weather, 1" NPT Diesel Nozzle, 7HB, Yellow
11B-0100-XCB20	Extreme Cold-Weather, 3/4" NPT Auto-Diesel Nozzle, 11B, B20, Green
11B-0400-XCB20	Extreme Cold-Weather, 3/4" NPT Auto-Diesel Nozzle, 11B, B20, Black
11B-0900-XCB20	Extreme Cold-Weather, 3/4" NPT Auto-Diesel Nozzle, 11B, B20, Yellow
14C-0100XC	Extreme Cold-Weather, 3/4" NPT Gasoline Nozzle, 14C, Green
14HC-0100-XC	Extreme Cold-Weather, 1" NPT Truck Diesel Nozzle, B20, Green
14HC-0400-XC	Extreme Cold-Weather, 1" NPT Truck Diesel Nozzle, B20, Black
14HC-0900-XC	Extreme Cold-Weather, 1" NPT Truck Diesel Nozzle, B20, Yellow

Replacement Parts

Name	Product #	Description	Used For:
11AK Leaded Spout Kit	5BS-2110XC	11A, 15/16" O.D. Leaded Spout	11AK Spout Replacement
11AKP Unleaded Spout Kit	5BPS-2117XC	11AP, 13/16" O.D. Unleaded Spout	11AKP Spout Replacement
11B Leaded Spout Kit	5BBS-2135XC	11B, 15/16" O.D. Leaded Spout	11B Spout Replacement
11BP Unleaded Spout Kit	5BBPS-2137XC	11BP, 13/16" O.D. Unleaded Spout	11BP Spout Replacement

*Beginning April 30, 2015, nozzles with Hold-Open clips must have a B-Cap no-pressure no-flow device or an Interlock feature to be UL-2586 approved.