WHERE FORM & FUNCTION CONVERGE

FUELLING | WHAT’S NEXT

NEW PRODUCT

OPW 21 Series Fuelling Nozzles & Hanging Hardware
Stylish | Precise | Fuelling Innovation Your Customers Will Love

Enhance your customer’s fuelling experience with the new 21 series of fuelling nozzles and accompanying swivels and breakaways by OPW. Sleek, attractive and lightweight European styling designed for ultimate aesthetic appeal and comfort. Engineered for precise fuelling control, the 21 family of nozzles features technology that lets your customer experience a true quality handshake with your fuelling site.

www.opwglobal.com/21

OPW. a DOVER company
OPW 21 Series European Nozzles
Petrol | Vapour Recovery | Diesel | AdBlue

Now you can get European style and world-renowned OPW quality with the new OPW 21 series of fuelling nozzles.

All the form your customers are familiar with in a European-class nozzle design, ATEX and TUV certified and backed by the engineering excellence that makes OPW the quality leader around the world. Give your customers a fuelling experience that keeps inviting them back.

- **OPW 21A** – conventional non-vapour recovery nozzle with a 25mm diesel spout or 21mm (21AP) unleaded petrol spout
- **OPW 21B** – conventional non-vapour recovery nozzle with no pressure/no flow device for 25mm diesel or 21mm (21BP) unleaded petrol spouts
- **OPW 21AG** – unleaded vapour recovery nozzle without vapour valve or (21AGV) with vapour valve
- **OPW 21BG** – unleaded vapour recovery nozzle with no pressure/no flow device without vapour valve or (21BVG) with vapour valve
- **OPW 21H** – high-flow truck stop diesel nozzle with 140 LPM and 32mm spout
- **OPW 21ADB** – AdBlue nozzle with 19mm spout

**Hand Insulator Colours**
- Bare
- Blue
- Orange
- Black
- Silver
- Red
- Green
- Gold
- Yellow

**Key Features & Benefits**
- A superior fuelling experience, engineered to inspire consumer preference
- Exceeds ATEX safety standards protecting consumers and the environment
- Built to last: the long-term solution / lower cost of ownership
- Available in multiple guard configurations to fit your dispensing equipment
- Fuel identification (new EU directive) neatly positioned on side of message centre with no unsightly add-on tabs
- Utilises Accu-Stop™ flow control for precise metering at the pump
- Designed to minimise post-fuelling drips
- Stainless Steel spout tip standard on all models to increase durability and nozzle life
- Low temperature option available on all models
- Nozzles available with swivel or swivel / breakaways to enhance consumer ease of use

**Design Working Pressure**
- 3.5 bar maximum pressure

**Temperature Range**
- -30°C to 55°C - standard
- -54°C to 55°C - extreme temperature (not available on 21ADB)

**Materials (dependent on model)**
- Aluminium, plated/coated aluminium, nickel, stainless steel, brass, PU, NBR, FKM, PVMQ, PTFE, PEEK, POM, PA, PET, PP, PVC, TPU.

**Fuel Compatibility**
- Gasoline and gasoline-ethanol blends up to 85% Ethanol
- Diesel and BioDiesel Blends up to 20% Biodiesel

**GPM Flow Chart**

**Designations & Certifications**
- EN13002: Sira 19ATEX9106U
- TUV (for 21AG/21AGV/21BG/21BVG)

**Models**

<table>
<thead>
<tr>
<th>Nozzle</th>
<th>Dim A</th>
<th>Dim B</th>
<th>Dim C</th>
<th>Spout</th>
</tr>
</thead>
<tbody>
<tr>
<td>21H</td>
<td>346mm</td>
<td>346mm</td>
<td>145mm</td>
<td>32mm</td>
</tr>
<tr>
<td>21A/21BP</td>
<td>346mm</td>
<td>347mm</td>
<td>155mm</td>
<td>25mm</td>
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<tr>
<td>21AP/21BP</td>
<td>370mm</td>
<td>347mm</td>
<td>197mm</td>
<td>21mm</td>
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<tr>
<td>21AG/21AGV</td>
<td>370mm</td>
<td>347mm</td>
<td>197mm</td>
<td>21mm</td>
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<tr>
<td>21BG/21BVG</td>
<td>370mm</td>
<td>347mm</td>
<td>197mm</td>
<td>21mm</td>
</tr>
<tr>
<td>19ADB/19ADB</td>
<td>381mm</td>
<td>356mm</td>
<td>207mm</td>
<td>19mm</td>
</tr>
</tbody>
</table>

Call: +44 (0) 1756 794 963   Email: enquire@opwglobal.com

Dedicated handgrip, ramp-to-activate and hold-open latch
Large (37mm), interchangeable message centre for branding or promotions, side tab available for fuel identification
21 Series Nozzle Ordering Specification

**Nozzle Type**
- **A** = Not included
- **B** = Included
- DSA is a pressure sensing system that automatically closes the nozzle at the end of a prepay refueling operation, independently of whether or not the nozzle was left open by the customer.

**Guard Shape**
- **1** = 95M Guard
- **2** = 98M Guard
- **3** = 99M Guard

**Temperature Range**
- **N** = Standard (down to -20°C)
- **X** = Cold weather (down to -45°C)
- (gold not available with DB or DBM nozzles)

**Splash Guard Colour**
- **0** = Not included
- **1** = Green
- **2** = Silver
- **3** = Red
- **4** = Black
- **5** = Blue
- **6** = White
- **7** = Gold
- **8** = Orange
- **9** = Yellow

**Additional Options**
- (blank) = Vapour Recovery with Vapour Valve
- (blank) = Not included
- **G** = Vapour Recovery (21mm spout with stainless steel tip)
- **GV** = Vapour Recovery with Vapour Valve (21mm spout with stainless steel tip)
- **H** = High Flow Diesel (31mm spout with stainless steel tip)
- **DB** = AdBlue (does not require MPD device) (19mm stainless steel spout)
- **DBM** = AdBlue (requires MPD device) (19mm stainless steel spout)

**Product Sleeve & Splash Guard Colour**
- (blank) = Same as Scuff Guard
- **1** = Green
- **2** = Silver
- **3** = Red
- **4** = Black
- **5** = Blue
- **6** = White
- **7** = Gold
- **8** = Orange
- **9** = Yellow

**Swivel/Breakaway**
- **A** = Swivel, 1” BSP Male Inlet
- **B** = Swivel, 1” BSP Female Inlet
- **C** = Swivel, 3/4” NPT Female Inlet
- **D** = Swivel, 3/4” BSP Female Inlet
- **E** = Swivel, 1” NPT Female Inlet
- **F** = Swivel, 3/4” BSP Male Inlet
- **G** = Swivel Break, 1” BSP Male Inlet
- **H** = Swivel Break, 1” BSP Female Inlet
- **J** = Swivel Break, 3/4” NPT Female Inlet
- **K** = Swivel Break, 3/4” BSP Female Inlet
- **L** = Swivel Break, 1” NPT Female Inlet
- **M** = Swivel Break, 3/4” BSP Male Inlet
- **N** = No Break VR
- **P** = Break, Co-Ax Vapour Recovery With M34 Male Outlet

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68 Series Swivels & Breakaways

Key Features & Benefits

- M34 thread male on nozzle side for standard flow, M42 for high-flow
- Free rotation
- Aluminum body construction with stainless steel swivel nut, low friction Buna-N seal, and acetal bearings
- Working pressure: 3.5 bar
- Conventional and high flow versions available

- Standard temperature range -20 °C up to +55 °C. An optional cold weather variant is available, offering an extended temperature range down to -45 °C
- The swivel performance complies with EN 13617-4 Standard ATEX approved, examination certificate: SIRA 13ATEX 9277U
- The breakaway performance complies with EN 13617-6 Standard ATEX approved, examination certificates 14ATEX9131U (685B) & 14ATEX9132U (685B)

Vapour Recovery Breakaway

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Hose Side</th>
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<tbody>
<tr>
<td>685B-2102</td>
<td>M34 Female</td>
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<table>
<thead>
<tr>
<th>Cold Weather Part Number</th>
<th>Hose Side</th>
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<tbody>
<tr>
<td>685B-2102-XC</td>
<td>M34 Female</td>
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</table>

Conventional Swivel

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Hose Side</th>
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<tbody>
<tr>
<td>685-1600</td>
<td>1&quot; BSPP Male</td>
</tr>
<tr>
<td>685-1601</td>
<td>1&quot; BSPP Female</td>
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<tr>
<td>685-1604</td>
<td>3/4&quot; BSPP Male</td>
</tr>
<tr>
<td>685-1607</td>
<td>3/4&quot; BSPP Female</td>
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</table>

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<tr>
<th>Cold Weather Part Number</th>
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<tbody>
<tr>
<td>685-1600-XC</td>
<td>1&quot; BSPP Male</td>
</tr>
<tr>
<td>685-1601-XC</td>
<td>1&quot; BSPP Female</td>
</tr>
<tr>
<td>685-1604-XC</td>
<td>3/4&quot; BSPP Male</td>
</tr>
<tr>
<td>685-1607-XC</td>
<td>3/4&quot; BSPP Female</td>
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Swivel Breakaway

<table>
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<tbody>
<tr>
<td>683B-1600</td>
<td>1&quot; BSPP Male</td>
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<tr>
<td>683B-1601</td>
<td>1&quot; BSPP Female</td>
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<tr>
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<td>3/4&quot; BSPP Male</td>
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<tr>
<td>683B-1607</td>
<td>3/4&quot; BSPP Female</td>
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<td>683B-1600-XC</td>
<td>1&quot; BSPP Male</td>
</tr>
<tr>
<td>683B-1601-XC</td>
<td>1&quot; BSPP Female</td>
</tr>
<tr>
<td>683B-1604-XC</td>
<td>3/4&quot; BSPP Male</td>
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<tr>
<td>683B-1607-XC</td>
<td>3/4&quot; BSPP Female</td>
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High-Flow Swivel Breakaway

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<th>Part Number</th>
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<tbody>
<tr>
<td>685-2500</td>
<td>1&quot; BSPP Male</td>
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<tr>
<td>685-2501</td>
<td>1&quot; BSPP Female</td>
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<table>
<thead>
<tr>
<th>Cold Weather Part Number</th>
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<tbody>
<tr>
<td>685B-2500-XC</td>
<td>1&quot; BSPP Male</td>
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