**140 MaxForce® Flow, HMX, 14 gram Shaped Charge**

<table>
<thead>
<tr>
<th>Part No.:</th>
<th>102327840</th>
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<td>CE Certificate No.:</td>
<td>CE0519, ENB/B/036</td>
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<td>DOT EX No.:</td>
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### PROPER SHIPPING NAME

UN0440, CHARGES, SHAPED, 1.4D, PG II

### Technical Drawing

![Technical Drawing Image]

### Packing Information

| Quantity per box: | 50 pieces |
| Gross weight per box: | 5.13 kg (11.3 lb) |
| Net weight per box: | 3.18 kg (7 lb) |
| NEC per box: | 0.7000 kg |
| Box dim: | 45.7 x 30.5 x 12.7 cm |
| Package type: | Trays with desiccant enclosed by vacuum bag, then placed inside fibreboard box with conical cavities facing inward. |
| Product Designation: | BH-HMX-014 |

### Technical Information

**APPLICATION:**

Shaped charge for oilfield use.

**PERFORATING SYSTEM**

SPECIFICATION (w/ cold drawn steel):
- Diameter: 3.125 inch (80 mm) OD
- Collapse rating: 24,000 psi (1,655 bar)
- Tensile rating: 235,000 lbs (106,594 kg)

**EXPLOSIVES:**

- Booster: Pure HMX, 1g
- Main load: Desensitized HMX, 13 g
- Density: > 1.5 g/cm³

**TEMPERATURE LIMITS:**

- 400 F / 204 C for 1 h
- 338 F / 170 C for 24 h
- 310 F / 154 C for 100 h

**PERFORMANCE:**

Manufacturing quality control data:
- Hole Diameter: 0.75 in (19.1 mm)
- Penetration: 4.4 in (111.8 mm)

**SHELF LIFE:**

10 years when stored unopened in original packaging. Storage temperature:
- 0° C / 32° F min
- 54° C / 130° F max

**DISPOSAL:**

Dispose of product not suitable for oilfield use according to applicable laws and regulations.

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