**4.625 IN. RDX BH 25 Gram Shaped Charge**

<table>
<thead>
<tr>
<th>Part No.: 100005319</th>
<th>PROPER SHIPPING NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>CE Certificate No.: CE0519, ENB/B/035</td>
<td>UN0440, CHARGES, SHAPED, 1.4D, PG II</td>
</tr>
<tr>
<td>DOT EX No.: EX1996080028</td>
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</tr>
</tbody>
</table>

**Technical Drawing**

![Technical Drawing](image)

**Technical Information**

**APPLICATION:**
Shaped charge for oilfield use

**PERFORATING SYSTEM**

**SPECIFICATION** (w/ hot finished steel):
- Diameter: 4.625 inch (117.5 mm) OD
- Collapse rating: 19,000 psi (1,310 bar)
- Tensile rating: 414,000 lb (187,787 kg)

**EXPLOSIVES:**
- Booster: Pure RDX, 1g
- Main load: Desensitized RDX, 24 g
- Density: > 1.5 g/cm³

**TEMPERATURE LIMITS:**
- 325 F / 162 C 1 h
- 260 F / 125 C 24 h
- 225 F / 107 C 100 h

**PERFORMANCE:**
Manufacturing quality control data:
- Hole Diameter: 0.77 in (19.56 mm)
- Penetration: 6.86 in (174.24 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.

**Packing Information**

<table>
<thead>
<tr>
<th>Quantity per box: 50 pieces</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gross weight per box: 10.34 kg (22.78 lb)</td>
</tr>
<tr>
<td>Net weight per box: 8.62 kg (18 lb)</td>
</tr>
<tr>
<td>NEC per box: 1.2500 kg</td>
</tr>
<tr>
<td>Box dim: 45.7 x 30.5 x 12.7 cm</td>
</tr>
<tr>
<td>Package type: Trays with desiccant enclosed by vacuum bag, then placed inside fibreboard box.</td>
</tr>
</tbody>
</table>

Product Designation: HES-APRV-004

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