### 3.375 in 6SPF, Millennium® Express I.S. DP RDX 23g Shaped Charge

<table>
<thead>
<tr>
<th>Part No.: 101600039</th>
<th>PROPER SHIPPING NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>CE Certificate No.: N/A</td>
<td>UN0440, CHARGES, SHAPED, 1.4D, PGII</td>
</tr>
<tr>
<td>DOT EX No.: EX1996080028</td>
<td>DOT EX No.: EX1996080028</td>
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</tbody>
</table>

#### Technical Drawing

![Technical Drawing](image)

#### Packing Information

<table>
<thead>
<tr>
<th>Item</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Case</td>
<td>55.97 mm</td>
</tr>
<tr>
<td>Liner</td>
<td>2.20 in</td>
</tr>
<tr>
<td>Explosive, booster</td>
<td>44.01 mm</td>
</tr>
<tr>
<td>Explosive, main</td>
<td>1.73 in</td>
</tr>
<tr>
<td>Paint</td>
<td>10.92 mm</td>
</tr>
<tr>
<td>Glue ring</td>
<td>.43 in</td>
</tr>
</tbody>
</table>

#### Technical Information

**APPLICATION:**
Shaped charge for oilfield use

**PERFORATING SYSTEM**

**SPECIFICATION (w/ hot finished steel):**
- Diameter: 3.375 inch (85.72 mm) OD
- Collapse rating: 22,000 psi (1,517 bar)
- Tensile rating: 170,000 lbs (77,111 kg)

**EXPLOSIVES:**
- Booster: Pure RDX, 1.0 g
- Main load: Desensitized RDX, 22.0 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:**
- Hole Diameter: 0.42 in (10.66 mm)
- Penetration: 25.6 in (650.24 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.

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<tr>
<th>D00288314</th>
<th>Rev. B</th>
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