**3 3/8 in. HMX BH Shaped Charge**

<table>
<thead>
<tr>
<th>Part No.: 100157017</th>
<th>PROPER SHIPPING NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>CE Certificate No.: CE0519, ENB/B/036</td>
<td>UN0440, CHARGES, SHAPED, 1.4D, PGII</td>
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<tr>
<td>DOT EX No.: EX1996080028</td>
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</tbody>
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**Technical Drawing**

APPLICATION:
Shaped charge for oilfield use

PERFORATING SYSTEM
SPECIFICATION (w/ cold drawn steel):
- Diameter: 3.37 inch (85.6 mm) OD
- Collapse rating: 25,000 psi (1,724 bar)
- Tensile rating: 238,000 lbs (107,955 kg)

EXPLOSIONS:
Booster: Pure HMX, 2g
Main load: Desensitized HMX, 22 g
Density: > 1.5 g/cm³

TEMPERATURE LIMITS:
- 400 F / 204 C 1 h
- 338 F / 170 C 24 h
- 310 F / 154 C 100 h

PERFORMANCE:
Manufacturing quality control data:
- Hole Diameter: 0.88 in (22.35 mm)
- Penetration: 4.76 in (121 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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**Technical Information**

**Packing Information**

Quantity per box: 50 pieces
Gross weight per box: 12.47 kg (27.49 lbs)
Net weight per box: 10.43 kg (22.99 lbs)
NEC per box: 1.2 kg
Box dim: 46.2 x 30.5 x 15.0 cm 18 x 12 x 6 in

Package type: Trays with desiccant enclosed by vacuum bag, then placed inside fibreboard box.

Product Designation: HES-APRV-004

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