## Ballistic Transfer 1.85 Gram HMX Shaped Charge

<table>
<thead>
<tr>
<th>Part No.: 101602465</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, PG II</td>
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<tr>
<td>DOT EX No.: EX1996080028</td>
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</tbody>
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### Technical Drawing

- Diameter: 21.03 mm (.83 in)
- Collapse rating: N/A
- Tensile rating: N/A

### Technical Information

#### APPLICATION:
- Shaped charge for oilfield use

#### PERFORATING SYSTEM

**SPECIFICATION** (w/ cold drawn steel):

- Diameter: N/A
- Collapse rating: N/A
- Tensile rating: N/A

#### EXPLOSIVES:

- **Booster**: Pure HMX, .1 g
- **Main load**: Desensitized HMX, 1.75 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:

- Charge is designed to penetrate membranes for fluid communication only.

#### 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

- **Quantity per box**: 10 pieces
- **Gross weight per box**: 1.36 kg (3 lb)
- **Net weight per box**: 0.30 kg (0.65 lb)
- **NEC per box**: 0.0185 kg
- **Box dim**: 27.9 x 21.6 x 16.5 cm   11 x 8.5 x 6.5 in
- **Package type**: Trays with desiccant enclosed by vacuum bag, then placed inside fibreboard box.

### Product Designation:

- HES-APRV-004

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Jet Research Center, a division of Halliburton Energy Services, Inc.
8432 South I-35W
Alvarado, Texas 76009-9775
USA

Tel.: +1 817.761.2000