# 1.5625 in. HMX 2.6g for 0.5 max wall Tubing Puncher

**Part No.:** 101434895

**CE Certificate No.:** CE0519, ENB/B/036

**DOT EX No.:** EX1996080028

## PROPER SHIPPING NAME

UN0440, CHARGES, SHAPED, 1.4D, PGII

## Technical Drawing

![Technical Drawing](image)

## Technical Information

**APPLICATION:**

Shaped charge for oilfield use

**PERFORATING SYSTEM**

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

- Diameter: 1.5625 inch (39.7 mm) OD
- Collapse rating: 20,000 psi (1,379 bar)
- Tensile rating: 70,000 lb (31.746 kg)

**EXPLOSIVES:**

- Booster: Pure HMX, 0.6g
- Main load: Desensitized HMX, 2.0 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:**

Circulation charge designed to penetrate up to 0.500(12.7mm) maximum thick tubing or casing

**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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**Packing Information**

- **Quantity per box:** 50 pieces
- **Gross weight per box:** 4.82 kg (10.63 lb)
- **Net weight per box:** 1.36 kg (3 lb)
- **NEC per box:** 0.1300 kg
- **Box dim:** 45.7 x 30.5 x 12.7 cm (18 x 12 x 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