# 4.625 In. Super Hole HMX 28g Shaped Charge

**Part No.:** 100156995  
**CE Certificate No.:** CE0519, ENB/B/036  
**DOT EX No.:** EX1996080028

## Technical Information

### APPLICATION:
Shaped charge for oilfield use

### PERFORATING SYSTEM SPECIFICATION:
- Diameter: 4.625 inch (117.5 mm) OD
- Collapse rating: 20,000 psi (1,379 bar)
- Tensile rating: 200,000 lb (90,718 kg)

### EXPLOSIVES:
- Booster: Pure HMX, 2g
- Main load: Desensitized HMX, 26 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:
- Hole Diameter: 1.01 in (25.6 mm)
- Penetration: 5.97 in (151.6 mm)

### SHELF LIFE:
10 years when stored unopened in original packaging. Storage temperature: 0 C / 32 F min to 54 C / 130 F max

### DISPOSAL:
Dispose of product not suitable for oilfield use according to applicable laws and regulations.

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**PROPER SHIPPING NAME**

UN0440, CHARGES, SHAPED, 1.4D, PG II

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## Packing Information

- **Quantity per box:** 40 pieces  
- **Gross weight per box:** 10.21 kg (22.5 lb)  
- **Net weight per box:** 8.16 kg (18 lb)  
- **NEC per box:** 1.1200 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 with conical cavities facing inward.

**Product Designation:** HES-APRV-004

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