### Technical Information

**APPLICATION:**
Shaped charge for oilfield use

**PERFORATING SYSTEM SPECIFICATION (w/ cold drawn steel):**
- **Diameter:** 3 1/8 inch (79.38 mm) OD
- **Collapse rating:** 24,000 psi (1,655 bar)
- **Tensile rating:** 170,000 lbs (77,111 kg)

**EXPLOSIVES:**
- **Booster:** Pure RDX, 1g
- **Main load:** Desensitized RDX, 20 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:**
Manufacturing quality control data:
- **Hole Diameter:** 0.38 in (9.65 mm)
- **Penetration:** 37.90 in (962.66 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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### Packing Information

- **Quantity per box:** 50 pieces
- **Gross weight per box:** 18.69 kg (41 lbs)
- **Net weight per box:** 16.79 kg (37 lbs)
- **NEC per box:** 1.0500 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