4.625 in. RDX Big Hole 20 Gram Shaped Charge

**Technical Drawing**

- Diameter: 4.625 inch (117.5 mm) OD
- Collapse rating: 18,000 psi (1,241 bar)
- Tensile rating: 414,000 lbs (187,787 kg)

**Technical Information**

**APPLICATION:**
Shaped charge for oilfield use

**PERFORATING SYSTEM**
SPECIFICATION (w/ cold drawn steel):
- Diameter: 4.625 inch (117.5 mm) OD
- Collapse rating: 18,000 psi (1,241 bar)
- Tensile rating: 414,000 lbs (187,787 kg)

**EXPLOSIVES:**
- Booster: Pure RDX, 1g
- Main load: Desensitized RDX, 19 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: .76 in (19.30 mm)
- Penetration: 6.13 in (155.7 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.

**Packing Information**

- Quantity per box: 50 pieces
- Gross weight per box: 8.48 kg (18.7 lb)
- Net weight per box: 6.36 kg (14 lb)
- NEC per box: 1,0000 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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