4.625 in HMX 6 SPF, DP Shaped Charge

**Part No.:** 101351946

**PROPER SHIPPING NAME**

UN0441, CHARGES, SHAPED, 1.4S, PGII

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**APPLICATION:**
Shaped charge for oilfield use

**PERFORATING SYSTEM**

**SPECIFICATION** (w/ cold drawn steel):
- Diameter: 4 5/8 inch (117.6 mm) OD
- Collapse rating: 20,000 psi (1,379 bar)
- Tensile rating: 414,000 lb (187,787 kg)

**EXPLOSIVES:**
- Booster: Pure RDX, 2g
- Main load: Desensitized RDX, 30 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:**
Manufacturing quality control data:
- Hole Diameter: 0.44 in (11.18 mm)
- Penetration: 10.0 in (254 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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**Technical Drawing**

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**Technical Information**

1. Case
2. Liner
3. Explosive, booster
4. Explosive, main
5. Glue Ring
6. Paint

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**Packing Information**

Quantity per box: 50 pieces
Gross weight per box: 11.74 kg (25.9 lbs)
Net weight per box: 9.92 kg (21.9 lbs)
NEC per box: 1.60 kg
Box dim: 46.2 x 30.5 x 15 cm
- 18 x 12 x 6 in
Package type: Trays with desiccant enclosed by vacuum bag, then placed inside fibreboard box.

Product Designation: HES-APRV-004