### Technical Information

**APPLICATION:**
Shaped charge for oilfield use.

**PERFORATING SYSTEM SPECIFICATION (w/ cold drawn steel):**
- **Diameter:** 3.125 inch (79.38 mm) OD
- **Collapse rating:** 24,000 psi (1,655 bar)
- **Tensile rating:** 170,000 lbs (77,111 kg)

**EXPLOSIVES:**
- **Booster:** Pure HMX, 1g
- **Main load:** Desensitized HMX, 20 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:** 0.38 in (9.652 mm)
- **Penetration:** 17.8 in (452.12 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**

![Technical Drawing Image]

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**Packing Information**

- **Quantity per box:** 50 pieces
- **Gross weight per box:** 14.96 kg (33 lbs)
- **Net weight per box:** 12.0 kg (26.5 lbs)
- **NEC per box:** 1.0500 kg

- **Box dim:** 45.7 x 30.5 x 16.5 cm
- **18 x 12 x 6.5 in**

- **Package type:** Trays with desiccant enclosed by vacuum bag, then placed inside fibreboard box with conical cavities facing inward.

- **Product Designation:** DP-HMX-021