220 MaxForce® FLOW, BH, HMX Shaped Charge

**Part No.:** 102036926  
**CE Certificate No.:** CE0519, ENB/B/036  
**DOT EX No.:** EX2009050356

**PROPER SHIPPING NAME**

UN0440, CHARGES, SHAPED, 1.4D, PG II

### Technical Drawing

![Technical Drawing](image)

### Technical Information

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

**PERFORATING SYSTEM**

**SPECIFICATION (w/ cold drawn steel):**
- Diameter: 3.12 inch (79.25 mm) OD
- Collapse rating: 25,000 psi (1,724 bar)
- Tensile rating: 235,000 lbs (16,203 kg)

**EXPLOSIVES:**
- Booster: Pure HMX, 1g
- Main load: Desensitized HMX, 21 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: .91 in (23.1 mm)
- Penetration: 6.3 in (160 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.

**Packaging Information**

- **Quantity per box:** 40 pieces
- **Gross weight per box:** 12.37 kg (27.28 lb)
- **Net weight per box:** 10.56 kg (23.28 lb)
- **NEC per box:** 0.8800 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:** BH-HMX-022