# 6.5 in. Mirage™ HMX 47g, BH/LD Shaped Charge

**Part No.:** 101329124

**CE Certificate No.:** CE0519, ENB/B/036

**DOT EX No.:** EX2003050062

## Technical Drawing

![Technical Drawing](image)

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

## Technical Information

**APPLICATION:**

Shaped charge for oilfield use

**PERFORATING SYSTEM SPECIFICATION (w/ cold drawn steel):**

- Diameter: 6.500 inch (165.1 mm) OD
- Collapse rating: 25,000 psi (1,725 bar)
- Tensile rating: 246,000 lb (111,500 kg)

**EXPLOSIVES:**

Booster: Pure HMX, 1g
Main load: Desensitized HMX, 46 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: 0.99 in (25 mm)
- Penetration: 8.58 in (218 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:** 30 pieces
- **Gross weight per box:** 11.34 kg (25 lb)
- **Net weight per box:** 8.54 kg (18.83 lb)
- **NEC per box:** 1.4100 kg
- **Box dim:** 45.7 x 30.5 x 20.3 cm
  18 x 12 x 8 in
- **Package type:** Trays with desiccant enclosed by vacuum bag, then placed inside fibreboard box.

**Product Designation:** Z477 (101329124)