5 inch, RDX, SH, Mirage® 32G Shaped Charge

Part No.: 101307494
CE Certificate No.: CE0519, ENB/B/035
DOT EX No.: EX1996080028

Technical Drawing

Technical Information

APPLICATION:
Shaped charge for oilfield use.

PERFORATING SYSTEM
SPECIFICATION (cold drawn steel):
- Diameter: 5 inch (127 mm) OD
- Collapse rating: 18,000 psi (1,241 bar)
- Tensile rating: 427,000 lb (193,684 kg)

EXPLOSIVES:
Booster: Pure RDX, 1g
Main load: Desensitized RDX, 31 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:
Registered API 19B Section 1 data:
- Hole Diameter: 0.88 in (22.35 mm)
- Penetration: 6.00 in (152.4 mm)
Manufacturing quality control data:
- Hole Diameter: 0.95 in (21.13 mm)
- Penetration: 6.50 in (165.1 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: 9.62 kg (21.2 lb)
Net weight per box: 7.71 kg (17 lb)
NEC per box: 1.6000 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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