4.625 In OMNI™, 12SPF, RDX, Big Hole, Low Debris, Shaped Charge

Part No.: 100005326
CE Certificate No.: CE0519, ENB/B/035
DOT EX No.: EX1996080028

Technical Drawing

Technical Information

APPLICATION:
Shaped charge for oilfield use

PERFORATING SYSTEM
SPECIFICATION (w/ hot finish steel):
- Diameter: 4.625 inch (117.6 mm) OD
- Collapse rating: 16,000 psi (1,103 bar)
- Tensile rating: 385,000 lb (174,600 kg)

EXPLOSIVES:
Booster: Pure RDX, 1g
Main load: Desensitized RDX, 21.7 g
Density: > 1.5 g/cm³

TEMPERATURE LIMITS:
325 F / 162 C 1 h
260 F / 126 C 24 h
225 F / 107 C 100 h

PERFORMANCE:
Manufacturing quality control data:
- Hole Diameter: 0.64 in (13.60 mm)
- Penetration: 5.88 in (149 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: 9.07 kg (20 lb)
Net weight per box: 6.80 kg (15 lb)
NEC per box: 1.1350 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

PROPER SHIPPING NAME
UN0440, CHARGES, SHAPED, 1.4D, PG II

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