7in Mirage® RDX Twistlock Super Hole 39 g Shaped Charge

Part No.: 101228037
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 finished steel):
- Diameter: 7 inch (177.8 mm) OD
- Collapse rating: 13,000 psi (896 bar)
- Tensile rating: 802,000 lb (363,781 kg)

EXPLOSIVES:
Booster: Pure RDX, 1g
Main load: Desensitized RDX, 38 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: 1.03 in (26.16 mm)
- Penetration: 4.70 in (119.4 mm)
Manufacturing quality control data:
- Hole Diameter: 1.13 in (28.7 mm)
- Penetration: 4.83 in (122.7 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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