4 in, SDP, HMX, Millennium™ 39 gram Shaped Charge

Part No.: 101210636

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

DOT EX No.: EX1996080028

Technical Drawing

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

APPLICATION:
Shaped charge for oilfield use

PERFORATING SYSTEM
SPECIFICATION:
- Diameter: 4-5/8 inch (117.5 mm) OD
- Collapse rating: 18,000 psi (1,241 bar)
- Tensile rating: 385,000 lbs (174,600 kg)

EXPLOSIVES:
Booster: Pure HMX, 1g
Main load: Desensitized HMX, 38 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:
Registered API 19B Section 1 data:
- Hole Diameter: 0.35 in (8.89 mm)
- Penetration: 43.6 in (1107 mm)
Manufacturing quality control data:
- Hole Diameter: 0.44 in (11.2 mm)
- Penetration: 40.5 in (1029 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.

40 pieces
21.77 kg (48 lb)
19.82 kg (43.7 lb)
1.5600 kg
45.7 x 30.5 x 20.3 cm
18 x 12 x 8 in
Trays with desiccant enclosed by vacuum bag, then placed inside fibreboard box.
HES-APRV-004

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