5.75 in Maxim® Dual String RDX 56.5 g Shaped Charge

**Part No.** 101357518

**CE Certificate No.:** CE0519. ENB/B/035

**DOT EX No.:** EX2004020380

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**PROPER SHIPPING NAME**

UN0059, CHARGES, SHAPED, 1.1D, PGII

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**APPLICATION:**

Shaped charge for oilfield use.

**PERFORATING SYSTEM**

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

- Diameter: 5.75 inch (146.05 mm) OD
- Collapse rating: 21,000 psi (1,448 bar)
- Tensile rating: 512,000 lbs (232,239 kg)

**EXPLOSIVES:**

- Booster: Pure RDX, 1g
- Main load: Desensitized RDX, 55.5 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:**

Manufacturing quality control data:

- Hole Diameter 1: 0.83 in (21.08 mm)
- Hole Diameter 2: 0.71 in (18.03 mm)
- Penetration: 9.19 in (233.43 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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**Technical Information**

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

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**Packing Information**

- Quantity per box: 30 pieces
- Gross weight per box: 13.52 kg (29.8 lbs)
- Net weight per box: 10.61 kg (23.4 lbs)
- NEC per box: 1.6950 kg
- Box dim: 45.7 x 30.5 x 20.3 cm
- Package type: Trays with desiccant enclosed by vacuum bag, then placed inside fibreboard box.

**Product Designation:** Z503(P/N101357518)

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