# 101214053 1.375 in. Drill Collar Severing Tool Explosives Kit

<table>
<thead>
<tr>
<th>Part No.: 100118419</th>
<th>PROPER SHIPPING NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>CE Certificate No.: CE0519, ENB/B/042</td>
<td>UN0349, ARTICLES, EXPLOSIVE, N.O.S. (PRESSED DESENSITIZED PELLETS OF HMX), 1.4S, PGII</td>
</tr>
<tr>
<td>DOT EX No.: EX1983080677</td>
<td>1.375 in Cartridge Assembly</td>
</tr>
</tbody>
</table>

**Technical Drawing**

1. Liner  
2. Explosive  
3. Red Paint

**Explosives:**

- Main load: Desensitized HMX, 4.8g  
- Density: > 1.5 g/cm³  

**Packaging:**

- Qty per box: 2 cartridges/box  
- NEC per box: 0.0096 kg / Placed in same box with pellets.

<table>
<thead>
<tr>
<th>Part No.: 100118418</th>
<th>PROPER SHIPPING NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>CE Certificate No.: CE0519, ENB/B/022</td>
<td>UN0349, ARTICLES, EXPLOSIVE, N.O.S. (PRESSED DESENSITIZED PELLETS OF HMX), 1.4S, PGII</td>
</tr>
<tr>
<td>DOT EX No.: EX1983070053</td>
<td>1.375 in Pellet Assembly</td>
</tr>
</tbody>
</table>

**Technical Drawing**

1. Explosive

**Explosives:**

- Main load: Desensitized HMX, 20.7 g  
- Density: > 1.5 g/cm³  

**Packaging:**

- Qty per box: 28 pellets/box  
- NEC per box: 0.5796 kg / 1 box per kit

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**Packing Information**

- Quantity per kit: 1 box containing 28 pellets and 2 cartridges  
- Gross weight per box: 2.45 kg (5.4 lbs)  
- Net weight per box: 0.59 kg (1.3 lbs)  
- NEC per box: 0.5892 kg  
- Box dim: 45.7 x 30.5 x 10.2 cm  
- 18 x 12 x 4 in  
- Package type: Tray with desiccant enclosed by vacuum bag, then placed inside fibreboard box.  
- Product Designation: Pellet Assy- S274-17  
- Cartridge Assy- S274-15

**Technical Information**

- APPLICATION: Assembly Drill Collar Severing Tool.  
- TEMPERATURE LIMITS:  
  - 400 F / 204 C 1 h  
  - 338 F / 170 C 24 h  
  - 310 F / 154 C 100 h  
- SHELF LIFE: 5 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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