DESCRIPTION

Trenchprime Cast Boosters are high-density molecular explosives designed to produce high detonation pressures for optimum initiation of blasting agents. Trenchprime is specifically designed to accommodate detonators up to 4” (101.5mm) in length. The Trenchprime family of cast boosters is designed to be initiated by non-electric, electric and electronic detonators that are classified as a minimum of #8 strength (450mg or greater PETN) base charge.

BENEFITS

- Trenchprime Cast Boosters detonate in excess of 24,000 ft/sec (7,380 m/sec).
- Over 230 kb of detonation pressure ensures optimum steady state velocity for blasting agents.
- Excellent shelf life, highly resistant to water and oil.
- Optimized initiation energy for all booster sensitive explosives

SAFETY

Trenchprime Cast Boosters are manufactured with molecular explosives consisting of PETN and TNT, both of which are sensitive to severe impact, heat or friction. As with all explosives, Trenchprime must be transported, stored and handled with care. Avoid any impact with solid surfaces.
## Trenchprime Cast Boosters

### DIMENSIONS & TYPICAL USES

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Weight</th>
<th>Outside Diameter</th>
<th>Length</th>
<th>Units Per Case</th>
<th>Typical Uses</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>[oz]</td>
<td>[g]</td>
<td>[in]</td>
<td>[in]</td>
<td>[mm]</td>
</tr>
<tr>
<td>Trenchprime 33</td>
<td>5.3</td>
<td>151</td>
<td>1.43</td>
<td>4.50</td>
<td>114</td>
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<tr>
<td>Trenchprime 50</td>
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<td>227</td>
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<td>4.50</td>
<td>114</td>
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<td>340</td>
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<td>4.60</td>
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<td>Trenchprime 100</td>
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<td>454</td>
<td>2.33</td>
<td>4.50</td>
<td>114</td>
</tr>
</tbody>
</table>

For more information and service locations in your area, please contact Austin Powder Company’s headquarters:

**Austin Powder Company**
25800 Science Park Drive
Cleveland, Ohio, USA 44122

Phone: 1-800-321-0752
Fax: 1-216-464-4418
Web: www.austinpowder.com
Email: info@austinpowder.com

### STORAGE
Store in accordance with all applicable local, state, provincial and federal laws.

### SHELF LIFE
Five years from date of manufacture under good storage conditions.

### UN CLASSIFICATION
**Shipping Name:** Boosters  
**Class & Division:** 1.1D  
**ID Number:** UN 0042

### DOT REFERENCE NUMBER
EX-1993030285

### IN CASE OF EMERGENCY CALL
CHEMTREC 1-800-424-9300  
Maritime 1-703-527-3887  
International: dial access code + 00-1-703-527-3887

Disclaimer of Warranties and Limitations of Liabilities

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[5/16/17]