



# AUSTIN POWDER

A TRADITION OF SAFETY, STRENGTH AND SERVICE.

## Trenchprime®

*High-Density Explosive for priming Pipeline, Trenching, Underwater and other severe blasting applications.*

### 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

Product Name	Weight		Outside Diameter		Length		Units Per Case	Typical Uses
	[oz]	[g]	[in]	[mm]	[in]	[mm]	Units	
Trenchprime 33	5.3	151	1.43	36.0	4.50	114	64	Priming blasting agents in holes of 1.5 "diameter or larger.
Trenchprime 50	8	227	1.70	43.0	4.5	114	64	Priming blasting agents in holes of 2 "diameter or larger.
Trenchprime 75	12	340	2.05	52.0	4.6	117	49	Priming blasting agents in holes of 3.0" diameter or larger.
Trenchprime 100	16	454	2.33	59.0	4.50	114	36	Priming blasting agents in holes of 4" diameter or larger



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](http://www.austinpowder.com)  
Email: [info@austinpowder.com](mailto: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**

"Products described in this bulletin are sold by Austin Powder Company without warranty; express, implied or statutory or as to MERCHANTABILITY, except as expressly stated in Austin Powder's straight bill of lading. Under no circumstances shall seller be liable for loss of anticipated profits, consequential damages or incidental damages."

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