



# AUSTIN POWDER

A TRADITION OF SAFETY, STRENGTH AND SERVICE.

## Eagle

*High-Density Cast Explosive for primer applications.*

### DESCRIPTION

Austin's Eagle family of cast boosters are high-density molecular explosives designed to produce high detonation pressures for optimum initiation of blasting agents. Eagles can accommodate detonators up to 4" (101.5mm) in length. The Eagle family of cast boosters are 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. ***Eagle boosters are not designed for use with detonating cord.***

### **BENEFITS**

- Eagle cast boosters detonate in excess of 24,000 ft. /sec (7,380 m/sec).
- Over 225 kb of detonation pressure ensures optimum steady state velocity for blasting agents.
- Excellent shelf life, highly resistant to water and oil.
- Fully enclosed detonator well with internal detonator locking device and through tunnel.
- High visibility, impact resistant "fluorescent orange" polypropylene that is resistant to -40F to +150F for standard Eagle boosters.
- High visibility, impact resistant "yellow" polypropylene that is resistant to -40F to +150F for Eagle E★Star Boosters (internal brass sleeve).



### **SAFETY**

Eagle 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, Eagle boosters must be transported, stored and handled with care. Avoid any impact with solid surfaces.

# Eagle Cast Boosters

## DIMENSIONS & TYPICAL USES

*Eagle boosters are not designed for use with detonating cord*

| Product Name | Weight |     | Outside Diameter |      | Length |      | Units Per Case | Typical Uses  |
|--------------|--------|-----|------------------|------|--------|------|----------------|---|
|              | [oz]   | [g] | [in]             | [mm] | [in]   | [mm] | Units          |   |
| Eagle 225    | 8      | 225 | 1.7              | 43   | 4.8    | 123  | 64             | Priming blasting agents in holes of 2" diameter or larger.                          |
| Eagle 340    | 12     | 340 | 2.1              | 53   | 4.8    | 123  | 49             | Priming blasting agents in holes of 2.5" diameter or larger.                        |
| Eagle 450    | 16     | 450 | 2.3              | 58   | 4.8    | 123  | 36             | Priming blasting agents in holes of 3.0" diameter or larger.                        |
| Eagle 500    | 18     | 500 | 2.6              | 66   | 4.5    | 115  | 30             | Double capwell (3-hole). Priming blasting agents in holes of 4" diameter or larger. |
| Eagle 900    | 32     | 900 | 3.1              | 78   | 4.8    | 123  | 18             | Priming blasting agents in holes of 4" diameter or larger.                          |

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|------------------|--------|-----|------------------|------|--------|------|----------------|--|
|                  | [oz]   | [g] | [in]             | [mm] | [in]   | [mm] | Units          |  |
| Eagle E★Star 225 | 8      | 225 | 1.7              | 43   | 4.8    | 123  | 64             | Priming blasting agents in holes of 2" diameter or larger. <i>Electronic Detonator Only</i>                          |
| Eagle E★Star 340 | 12     | 340 | 2.1              | 53   | 4.8    | 123  | 49             | Priming blasting agents in holes of 2.5" diameter or larger. <i>Electronic Detonator Only</i>                        |
| Eagle E★Star 450 | 16     | 450 | 2.3              | 58   | 4.8    | 123  | 36             | Priming blasting agents in holes of 3.0" diameter or larger. <i>Electronic Detonator Only</i>                        |
| Eagle E★Star 500 | 18     | 500 | 2.6              | 66   | 4.5    | 115  | 30             | Double capwell (3-hole). Priming blasting agents in holes of 4" diameter or larger. <i>Electronic Detonator Only</i> |
| Eagle E★Star 900 | 32     | 900 | 3.1              | 78   | 4.8    | 123  | 18             | Priming blasting agents in holes of 4" diameter or larger. <i>Electronic Detonator Only</i>                          |



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

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### SHELF LIFE

Five years from date of manufacture under good storage

### STORAGE

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

### 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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