

Eagle®

PRODUCT INFORMATION BROCHURE

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.***

ADVANTAGES

- 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).



PROPERTIES

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.

STANDARD TECHNICAL DESCRIPTION

High-density cast explosive for primer applications.



AUSTIN POWDER

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Eagle Cast Boosters

STANDARD PACKAGING DETAILS

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]		
Eagle 150	5.3	150	1.6	41	4.6	117	64	Priming blasting agents in holes of 2" diameter or larger.
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	510	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.

Product Name	Weight		Outside Diameter		Length		Units Per Case	Typical Uses
	[oz]	[g]	[in]	[mm]	[in]	[mm]		
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	30	Priming blasting agents in holes of 3.0" diameter or larger. <i>Electronic Detonator Only</i>
Eagle E★Star 500	18	510	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>

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.

TRANSPORTATION DATA

UN CLASSIFICATION

Shipping Name: Boosters

Class & Division: 1.1D

ID Number: UN0042

US DOT REFERENCE NUMBER

EX-1993030285

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



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