

Trenchprime®

PRODUCT INFORMATION BROCHURE

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.

ADVANTAGES

- 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



PROPERTIES

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.



AUSTIN POWDER

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Trenchprime Cast Boosters

STANDARD PACKAGING DETAIL

Product	Weight		Outside Diameter		Length		Units per Case	Typical Uses
	[oz]	[g]	[in]	[mm]	[in]	[mm]		
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.

STANDARD TECHNICAL DESCRIPTION

High-density explosive for priming pipeline, trenching, underwater and other severe blasting applications

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: UN 0042

US DOT REFERENCE NUMBER

EX-1993030285

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