

Pentex™ AP Cast Boosters



Description

Pentex™ AP Cast Boosters provide high energy initiating power for a wide range of explosive applications. The recessed groove in the base of *Pentex™ AP Cast Boosters* ensures reliable initiation with all types of detonator assemblies. They can be used to provide safe and reliable priming of booster sensitive explosives on most surface and underground blasting operations.

Benefits

- High velocity
- High density
- High detonation pressure
- Unlimited shelf life under proper storage conditions
- Excellent water resistance
- High safety and reliability
- Concentrated detonation energy

Initiation and Handling

Pentex™ AP Cast Boosters can be initiated by standard high strength electric, electronic and non-electric detonators or by 18 grain/ft. (3.6 gram/m) detonating cord threaded into the center through tunnel.

When used with booster-sensitive explosives, ensure that the primer is in intimate contact with, and surrounded by, the explosive.

Properties

Pentex™ AP Cast Boosters	12 * 340 (ounce * gram)	16 * 454 (ounce * gram)	32 * 908 (ounce * gram)
Diameter x	53 mm x 120	60 mm x 120	84 mm x 120
Length	2.106" x 4.724"	2.382" x 4.724"	3.299" x 4.724"
Density	1.6 g/cc		
Velocity of Detonation	7,924 m/s (26,000 ft/s)		
Detonation Pressure	250 kb		
Water	Excellent		
Tunnel Arrangement	One blind detonator well and two through tunnels		

Packaging

Pentex™ AP Cast Boosters are packed in fiberboard cases.

Product	Quantity Per Case	Weight per case (lbs/kg)
Pentex™ AP 12* 340	42	36/16
Pentex™ AP 16* 454	35	39/17.5
Pentex™ AP 32* 908	18	40/18

Storage

Cast boosters are high explosives. For best results, store under moderate temperatures and dry conditions in a well ventilated, approved explosives magazine.

Shelf Life

If stored and handled properly, the **shelf life** of *Pentex™ AP Cast Boosters* is unlimited.

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Hazardous Materials Shipping Description

Boosters, without detonator
Class and Division 1.1D,
UN 0042, PG II

Distributed to Orica by BST Manufacturing, Inc.
924 Hawaii Avenue, Minden, LA 71055 USA

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Emergency Contact Telephone Numbers

For chemical emergencies (24 hour) involving transportation, spill, leak, release, fire or accidents:

Canada: Orica Canada emergency response **1-877-561-3636**

USA: Chemtrec **1-800- 424-9300**

For lost, stolen or misplaced explosives:

USA: BATFE **1-800-800-3855**. Form ATF F5400.0 must be completed and local authorities (state / municipal police, etc) must be advised.

