

# avtrol™ Avalanche DUO Cast Boosters



### Description

The avtrol™ Avalanche DUO family of Cast Boosters provides high-energy power for a wide range of DUO primed avalanche explosive applications. The recessed groove in the base of the avtrol™ Avalanche DUO Cast Booster ensures reliable initiation with all types of detonator assemblies. They can be used as a hand charge or to provide safe and reliable priming of booster sensitive explosives.

### Benefits

- 100% of the booster is detonator sensitive. No PETN balloon or bottle required
- High velocity & High detonation pressure
- Unlimited shelf life under proper storage conditions
- Excellent water resistance
- High safety and reliability in extreme conditions

### Initiation and Handling

Avalanche DUO Cast Boosters can be initiated by standard high strength electric, electronic and non-electric detonators.

**Note:** Detonating cords are not to be used to initiate Avalanche DUO 32 or 80 cast boosters.

Avalanche DUO products are made to be “double capped” with a detonator in each of the 2 blind tunnels. When used with booster-sensitive explosives, ensure that the primer is in intimate contact with, and surrounded by, the explosive.

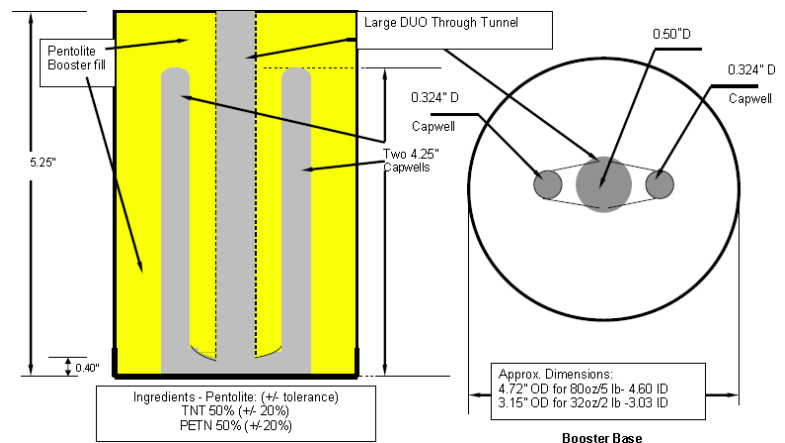
### Properties

<b>Avalanche DUO Cast Booster</b>	32 * 908 (ounce * gram)	80 * 2,270 (ounce * gram)
<b>Diameter x Length</b>	80 mm x 126 mm	120 mm x 133 mm
	3.15" x 4.95"	4.72" x 5.25"
<b>Density</b>	1.6 g/cc	
<b>Velocity of Detonation</b>	7,924 m/s (26,000 ft/s)	
<b>Detonation Pressure</b>	250 kb	
<b>Water Resistance</b>	Excellent	
<b>Tunnel Arrangement</b>	Two blind detonator wells and one through tunnels	

### Packaging

avtrol™ Avalanche DUO Cast Boosters are packed in fiberboard cases.

Product	Quantity Per Case	Weight per case (lbs/kg)
<b>Avalanche DUO 32* 908</b>	18	39/17.7
<b>Avalanche DUO 80 * 2270</b>	6	32/14.5



## avtrol™ Avalanche DUO Cast Boosters

### Storage

avtrol™ Avalanche DUO 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 avtrol™ Avalanche DUO Cast Boosters is unlimited.

### Storage and Handling

#### Product Classification

Authorized Name: AVR-1  
 Proper Shipping Name: Explosive, blasting, type E  
 Classification: 1.1D  
 UN No: UN0042 (boosters w/o detonator)  
 Packing Group: II  
 EX Number: EX2009040199

All regulations pertaining to the handling and use of such explosives apply.

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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.