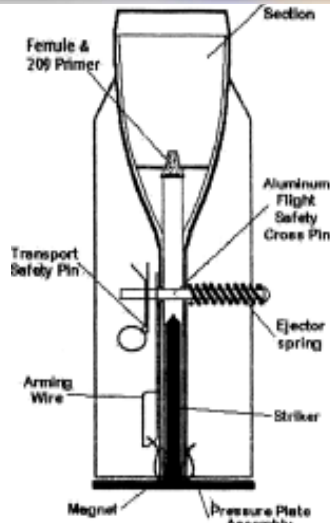


Avtrol™ AVR-1 Cast Booster Forebody & Tail Fin



Description

Orica's *avtrol™ AVR-1* Avalancher cast booster forebody combined with the *Avalanche Control Systems* four blade tail assembly is a proven low cost projectile system that offers a true 1 kg payload.

With an industry proven Pete Peters design low dud rate and friction fit assembly, the *avtrol™ AVR-1* type round is still the industry standard after 30 plus years of service.

Benefits

- 100% of round is cap sensitive, no PTEN bottle or balloon (50% TNT & 50% PETN +/- formulation).
- High velocity & detonation pressure.
- Unlimited shelf life under proper storage conditions.
- RECCO Chip technology.
- Hand poured at Orica's BST plant in Louisiana to assure highest quality possible.

Initiation and Handling

avtrol™ AVR-1 cast boosters can be initiated by standard high strength #8 fuse cap.

For complete forebody and Avalanche Control Systems 48mm tail fin assembly instructions, see the written procedures on line at www.orica-avtrol.com.

Properties

AVR-1 cast booster forebody	Payload	Shell Wt + Payload
	35.2 * 1,000 (ounce * gram)	38.7 * 1,099 (ounce * gram)
Diameter/Length	67mm x 283mm	
	2.64" x 11.14"	
Density	1.6 g/cc	
Velocity of Detonation	7,924 m/s (26,000 ft/s)	
Detonation Pressure	250 kb	
Water Resistance	Excellent	
Tunnel Arrangement	One detonator well	

Packaging

avtrol™ AVR-1 forebodies are packaged upright and individually compartmentalized for ease of inventory

Product	Quantity Per Case	Weight per case (lbs/kg)
AVR-1 Cast Booster	16	42/19
Avalanche Control Systems 48mm 4 blade tailfin	25	14/6.4

AVR-1 Launching Pressures

All *avtrol™ AVR-1* launching pressures should be limited to pressures no greater than 300 PSI

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

Avtrol™ AVR-1 Cast Booster Forebody & Tail Fin

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

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

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 *avtrol™* AVR-1 Cast Boosters is unlimited.

Disposal

Disposal of explosives materials can be hazardous. Methods for safe disposal of explosives may vary depending on the user's situation. Please contact a local Orica representative for information on safe practices.

Trademarks

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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.