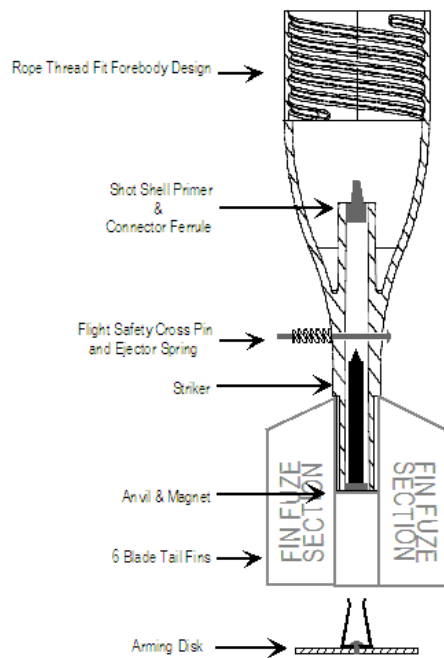


avtrol™ AVR-2 Cast Booster Forebody & Tail Fin



Description

New for the 2009/2010 avalanche season, the Pete Peters inspired six blade inflight rotation tail assembly combined with Orica's new larger payload avtrol™ AVR-2 avalanche cast booster forebody.

This nose driven shoulder propulsion technology places less stress on the tail section and exits the barrel with less wobble than conventional tail driven propulsion designs. Once airborne, the inflight tail rotation designs optimum angle rotates the projectile like a bullet, as it bores through the wind it dramatically increasing both in-flight stability and accuracy.

Tailfin Benefits

- Six blade inflight rotation tail produces in-flight rotation which bores through the wind
- Positive rope thread connection system
- Improved cross wind accuracy

- Pete Peters proven low dude rate initiation system

Forebody Benefits

- Forebody shoulder propulsion technology
- Filled forebody weight 2.82 lbs - payload weight 2.6 lbs
- Heavy duty blow moulded body and nose cap
- Improved carry distance and accuracy based on increased projectile weight
- 100% of round is cap sensitive no PTEN bottle or balloon (50% TNT & 50% PETN +/- formulation)
- RECCO Chip technology
- Hand poured at Orica's BST plant in Louisiana to assure highest quality possible

Properties

avtrol™ AVR-2 cast booster forebody	Payload	Shell Wt + Payload
	41.6 * 1,180 (ounce * gram)	45.1 * 1,280 (ounce * gram)
Diameter x Length	79.5mm x 250mm (w/o nose cap)	
	3.13" x 9.84" (w/o nose cap)	
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-2 forebodies are packaged upright and individually compartmentalized for ease of inventory

Product	Quantity Per Case	Weight per case (lbs/kg)
AVR-2 Cast Booster	16	48.5/22.0
AVR-2 60mm tailfin	16	

avtrol™ AVR-2 Cast Booster Forebody & Tail Fin

Initiation and Handling

AVR-2 cast boosters can be initiated by standard high strength #8 fuse cap.

For complete forebody and assembly instructions please go on line at www.orica-avtrol.com.

avtrol™ AVR-2 Launching Pressures

All avtrol™ AVR-2 launching pressures should be limited to pressures no greater than 300 PSI

Storage and Handling

Product Classification

Authorized Name: AVR-2
 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.

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-2 Cast Boosters is unlimited.

Trademarks

The word Orica, the Ring device and the Orica mark are trademarks of Orica Group Companies. avtrol™ is a trademark of Orica Explosives Technology Pty Ltd. ACN 075 659 353, 1 Nicholson Street, East Melbourne, VIC, Australia.

Disclaimer

The information contained herein is based on experience and is believed to be accurate and up to date as at the date of its preparation. However, uses and conditions of use are not within the manufacturer's control and users should determine the suitability of such products and methods of use for their purposes. Neither the manufacturer nor the seller makes any warranty of any kind, express or implied, statutory or otherwise, except that the products described herein shall conform to the manufacturer's or seller's specifications. The manufacturer and the seller expressly disclaim all other warranties, INCLUDING, WITHOUT LIMITATION, WARRANTIES CONCERNING MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Under no circumstances shall the manufacturer or the seller be liable for indirect, special, consequential, or incidental damages without limitation, damages for lost or anticipated profits.

Orica Canada Inc.
 301 Hotel De Ville
 Brownsburg, QC J8G 3B5
 Tel: +1 303 268 5000
 Fax: +1 303 268 5250

Orica USA Inc.
 33101 East Quincy Ave
 Watkins, CO 80137
 Tel: +1 303 268 5000
 Fax: +1 303 268 5250

Web address: www.orica-avtrol.com

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.