



**Bringing Advanced Technologies to the Security World**

**NCSA First Responder  
Supplies and Equipment  
Bid 25-02-0521**

**Options for Advanced Security Technologies Catalog Items - 6% Discount From MSRP**

Line items on this options sheet represent systems comprised of discounted items from Mifram, Advanced Security Technologies and Pi Lit.

Customized systems based on customer requirements are available.

<b>Make</b>	<b>Model</b>	<b>Model #</b>	<b>Unit Price</b>	<b>Discounted Price</b>
Mifram/AST/ Pi Lit	20 MVB3X Capacity Fully Loaded Trailer	AST3X-20/20-080103-10B1	\$66,310	\$62,798.89
Mifram/AST/ Pi Lit	48 MVB3X Capacity Fully Loaded Trailer	AST3X-48/48-240206-20B3	\$ 142,197	\$134,667.67
Mifram/AST/ Pi Lit	60 MVB3X Capacity Fully Loaded Trailer	AST3X-60/60-320206-30B3	\$173,201	\$164,030.01
Mifram/AST/ Pi Lit	72 MVB3X Capacity Fully Loaded Trailer	AST3X-72/72-320206-40B4	\$199,778	\$189,199.75

**Terms & Conditions**

1. F.O.B. – Origin. Shipping has not been included in the above pricing.
2. Taxes are not included. Any taxes levied will be paid by the purchaser.
3. Standard Manufacturer's Warranty.
4. All Products are listed in the catalog.
5. Some products may be offered at a greater discount.
6. Delivery: TBD
7. Payment terms – Net 45.
8. Purchase of equipment is subject to Advanced Security Technologies LLC standard terms and conditions.

**Contacts:**

**Advanced Security Technologies LLC**  
[www.vehicle-barriers.com](http://www.vehicle-barriers.com)

**Toll Free: 833-52-GO-AST (833-524-6278)**

**Randy Lofland**  
804-690-3055  
[rlofland@adsectec.com](mailto:rlofland@adsectec.com)

**Yaron Getter**  
917-561-1344  
[ygetter@adsectec.com](mailto:ygetter@adsectec.com)

# ADVANCED SECURITY TECHNOLOGIES

**TESTED &  
CERTIFIED**



# MODULAR VEHICLE BARRIER

**COMPLETE SYSTEM**

featuring the **MVB™ 3X**



- Each MVB3X unit is lightweight at 53lbs
- Create a barrier for any street width
- One person to assemble/dismantle
- Open a roadway in seconds
- No tools required
- Zero maintenance
- Custom trailer for easy transport and organized storage



**PROTECT AGAINST**



**vehicle-barriers.com • info@adsectec.com • 1-833-52-GO-AST**



# TESTED & CERTIFIED

MVB™ 3X by MIFRAM

## IWA 14 -1:2013

Tested & Certified at  
2,500 kg @ 48 km/hr  
[ 5,513 lbs. @ 29.83 mi/h]  
Penetration 10.9 m [35.76 ft.]  
Tested & Certified at  
7,500 kg @ 32 km/hr  
[16,538 lbs. @ 19.88 mi/h]  
Penetration 10.4 m [34.12 ft.]  
Tested & Certified at  
7,200 kg @ 48 km/hr  
[15,876 lbs. @ 29.83 mi/h]  
Penetration 17.8 m [58.4 ft.]

## ASTM - F2656-15

Tested & Certified at  
2,500 kg @ 48 km/hr  
[ 5,513 lbs. @ 29.83 mi/h]  
Penetration 9.7 m [31.83 ft.]  
Tested & Certified at  
7,500 kg @ 50 km/hr  
[16,538 lbs. @ 31.06 mi/h]  
Penetration 19 m [62.3 ft.]

## PAS 68:2013

Tested & Certified at  
2,500 kg @ 48 km/hr  
[ 5,513 lbs. @ 29.83 mi/h]  
Penetration 9.7 m [31.83 ft.]  
Tested & Certified at  
7,500 kg @ 32 km/hr  
[16,538 lbs. @ 19.88 mi/h]  
Penetration 9 m [29.53 ft.]  
Tested & Certified at  
7,500 kg @ 48 km/hr  
[16,538 lbs. @ 29.83 mi/h]  
Penetration 17.8 m [58.4 ft.]

## ~667 KJ Energy Absorption

Equal to 89 Concrete blocks  
of 1 M<sup>3</sup> [2.4 Ton - 5,292 lbs.]  
Movement for 1 M Distance  
at 7,500 kg @ 50 km/hr  
[16,538 lbs. @ 31.06 mi/h]

### 20 UNIT / 2.5 LANES



### 48 UNIT / UP TO 6 LANES



### 60 UNIT / UP TO 8 LANES



### 72 UNIT / UP TO 10 LANES



AST trailers are made in the United States and comply with US DOT regulations. Each trailer is specially designed to safely store and transport the MVB3X system inventory. Built with ease of use in mind, every complete system includes the specific number of MVB3X barriers, appropriate size trailer and the accessories to meet your operational requirements.



Locker for fixed storage



Use as an operational gate



Sequential lighting

**AST** ADVANCED SECURITY  
TECHNOLOGIES

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