



Specialists in Blast Mitigation, Storm Protection and Criminal Intrusion Prevention

New from Pentagon Protection USA

Innovative and improved line of anchoring systems that provide a higher level of security and protection coupled with simplicity and easy installation.

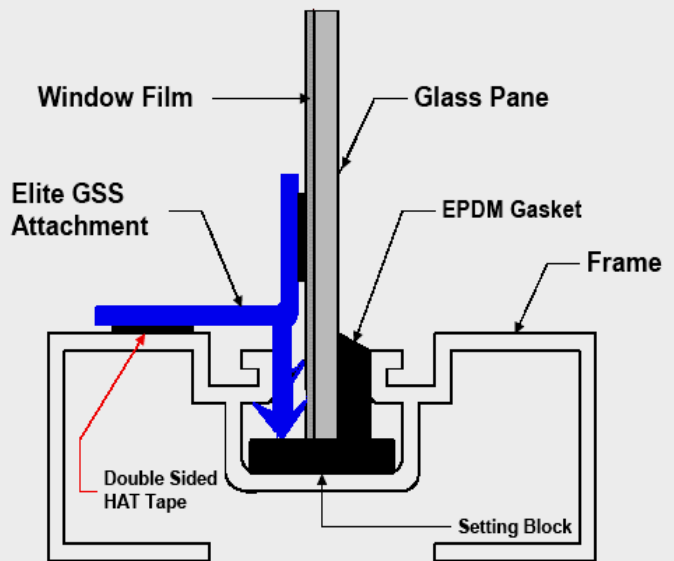
Tested to GSA
Achieved Level

2

The new **Pentagon Elite™ profiles** are tested to GSA standards and rated as very high protection (GSA level 2). These new products are manufactured using durable, strong and weather proof material with UV inhibitors through a single extrusion process and have 3M heat applied double sided tape installed in the factory.

The innovative Glass Security Seal (GSS™)

- **Achieved** "Minimal Hazard Level" in DOD Testing.
- **Combines** the benefits of a window gasket and anchoring in one profile.
- **This unique design** adds substantial strength and makes the film installation process easier and faster by eliminating the need for edge trimming in day light application and gives the advantage of edge to edge installation.
- **GSS™** may be installed on the same day as the film, thus minimizing wait time and repeated trips.
- **GSS™** profile is ideal for retrofit, new and dry lamination projects.
- **GSS™** is a highly efficient and cost effective solution to anchoring window film.



GSS™ Glass Security Seal Attachment

- ❖ Pentagon Elite and Glass Security Seal (GSS) are registered trade marks of Pentagon Protection USA.
- ❖ New Pentagon Elite and GSS are patented products.

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www.pentagonusa.com

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INNOVATION AND ADDED VALUE FOR PENTAGON CLIENTS

Table of GSA Performance Criteria

Performance Condition	Description	Glass Fragments Exterior	Glass Fragments Interior	Hazard Level	Protection Level
1	Glass not cracked, no fragments inside or outside	None	None	NA	Very High
2	Glass may be cracked but is retained in frame	Yes	No significant fragments dusting or very small fragments near sill or on floor acceptable.	Very low	Very high
3 a	Glass failed and not fully retained in frame	Yes	Fragments land on floor no more than 40 inches from window.	Low	High
3 b	Glass failed and not fully retained in frame	Yes	Fragments land on floor no more than 10 feet from window.	Low	High
4	Glass failed and not fully retained in frame	Yes	Fragments land on floor no more than 10 ft from window and impact a vertical surface not more than 10 feet behind window no higher than 2 ft above floor level.	Medium	Medium
5	Glass failed catastrophically	Yes	Fragments land on floor no more than 10 ft From window and impact a vertical surface not more than 10 feet behind window above a height of 2 ft.	High	Low



New Pentagon Elite™
 With 8 mil window film
 shock tube test sample
 after the explosion.
 Resulted in: **GSA 2**
 performance condition



Glass Security Seal GSS™
 finished look

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Pentagon Protection USA New All Flexible Z-Lok®

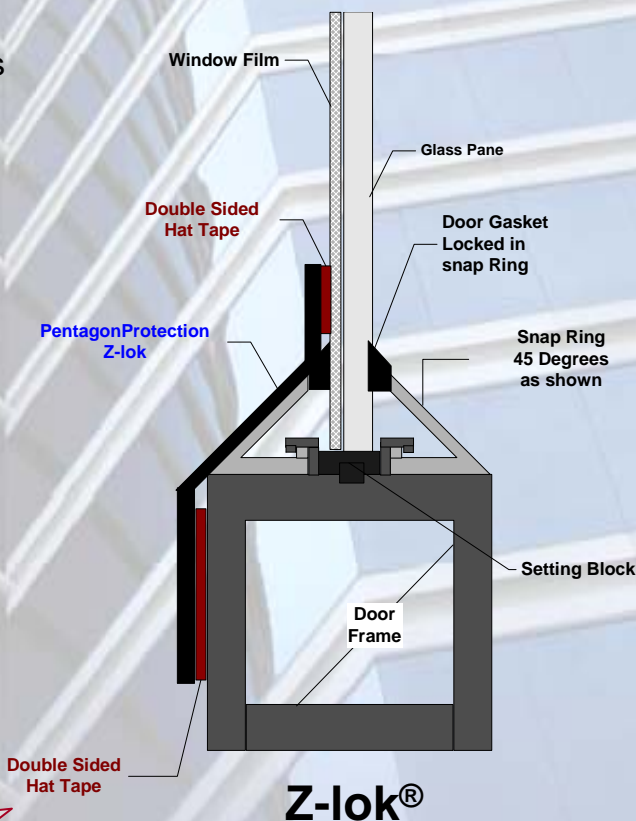
The **Ultimate Solution** for Smash and Grab, it is specially designed to fit commercial doors. It wraps around the square or angled snap ring and extends beyond to bond to the solid door frame. Z-Lok® is extruded from Thermo Plastic Elastomers (TPE) and is equipped with double sided Very High Bond (VHB) 3M Heat Applied Tape (HAT).

While our **traditional Z-Lok®** is proven to prevent break-ins when used with security film, the new product is superior in material strength, flexibility, ease of installation, and adhesion to the frame and the film.

This new profile is tested to GSA blast standards and rated as very high protection level **GSA 2**. It is manufactured using durable, strong and weather proof material with UV inhibitors through a single extrusion process. It has 3M heat applied double sided tape installed in the factory.

Z-Lok® Features

- **Easy installation:** Installed similar to **Pentagon Elite** with the tape liner peeled as you go.
- **Highly Efficient** and cost effective solution for Smash and Grab Projects.
- Available in **50 ft** rolls.
- **Easy** to ship, carry and store.
- **Minimal** Waste.



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❖ New Pentagon Z-Lok is a patented product.

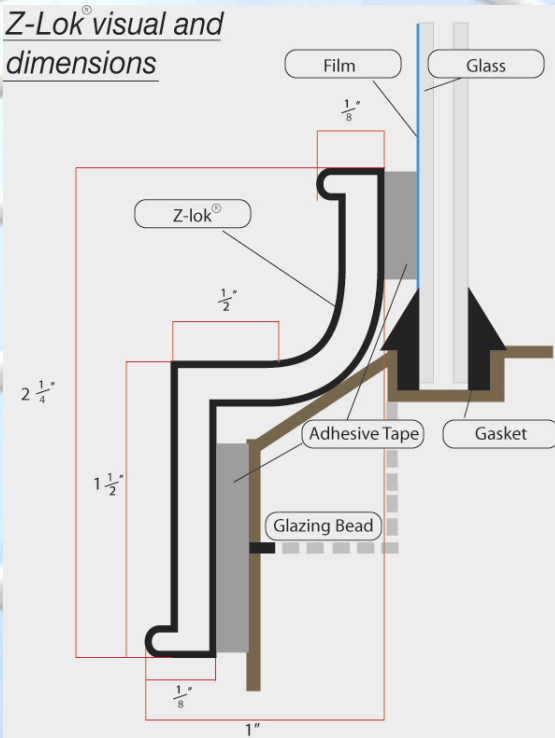
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INNOVATION AND ADDED VALUE FOR PENTAGON CLIENTS

Don't wait for theft to happen, prevent it with Pentagon Protection USA Traditional Z-Lok® – Anti Burglar Systems

Smash & Grab burglary is increasing and statistics show that more than 70% of these burglaries involve forced entry through the weakest links, glass doors and windows. Safety film alone will not provide the level of protection that is normally required. Pentagon Protection USA provides "Total Glass Protection" with our Pentagon Z-Lok® and Pentagon Elite™ anchoring Systems.

Z-Lok® visual and dimensions



Traditional Z-Lok® is specifically designed for storefront doors because they are the most vulnerable to attacks. This profile is extruded with two rigid PVC flanges connected with a flexible rubber membrane and is equipped with VHB foam double sided tape. Pentagon Protection's Z-Lok® installed with security film forms an almost invisible layer of protection strong enough to deny access to the protected premises.

Traditional Z-Lok®



Traditional Z-Lok® is available in 8 or 10 ft stock length.

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