



HOUSTON ISD POLICE CASE STUDY

3M™ Window Film Adds Time, Increased Protection For Schools

CLIENT

Houston ISD Police Department

CHALLENGE

Like many school districts across the nation, Houston ISD is looking for safety and security enhancements for their 280 k-12 school campuses. When Houston ISD Police Sergeant Karl Brown learned about 3M™ Safety & Security Window Film, he knew he wanted to see the product first-hand. NGS Films & Graphics, with offices in Dallas TX, Washington DC, and Atlanta, offered to conduct a live demonstration with Brown and his fellow officers.

SOLUTION

NGS Films & Graphics provided a live demonstration of 3M™ Safety & Security Window Film Ultra Series along with 3M™ Impact Attachment System in its proprietary TRI-SHIELD application. Houston ISD Police as well as school officials attended to watch the demonstration.

RESULTS

What resulted was a three-minute video that showcased the ultimate power of safety and security film. The TRI-SHIELD application resisted entry for more than six minutes.

In 2018, the United States saw a record number of school shootings reported. In response, school officials are looking for ways to enhance security and safety on their campuses. The Houston Independent School District is no exception. As the largest school district in Texas and the seventh largest in the United States, Houston ISD serves an estimated 209,000 students across 280 campuses.

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The results? 3M™ Safety & Security Film, when installed with NGS Film & Graphic's proprietary TRI-SHIELD method, took officers armed with assault rifles more than six minutes to puncture through the glass. Under an active shooter scenario,

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**JAMES BEALE,
MANAGING PARTNER**

this would have meant more time for emergency officials to arrive and for students and faculty to find shelter.

“There is no doubt that it could save lives,” said James Beale, managing partner of NGS Films & Graphics. “A single minute could make all the difference in the world. This took six minutes.”

3M™ Safety & Security Window Film's Ultra Series incorporates proprietary micro-layered and tear resistant technology. The film and its strong adhesive form a protective membrane on the glass, which helps hold broken glass fragments together upon impact. 3M™ Impact Attachment System is applied along the perimeter of the window to anchor the film to the frame, further securing the outer edge. In the TRI-SHIELD configuration, an additional clear exterior, weatherable safety film is applied to dramatically improve performance. This forces the intruder to create an opening through the center of the broken glass – which is no small task as the Houston ISD Police demonstration proved.

To ensure its reliability, 3M rigorously tests its window film products against a multitude of

explosion and blast standards. Governments across the world have installed 3M™ Safety & Security Window Film to protect both people and property from violence.

As 3M's largest window film dealer, NGS Films & Graphics works with school districts throughout the nation to assist them with installing film as a security measure. The company creates individual safety and security assessments of school campuses. These safety assessments are written to mirror the Federal Commission on School Safety's layered zone approach. The reports can be used with grant applications and meets state reporting requirements.

The Houston ISD demonstration provided NGS Films & Graphics an opportunity show Houston and the rest of the world what 3M™ Safety & Security Film Ultra Series and TRI-SHIELD can do for safety and security.

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Learn more about NGS Films & Graphics at www.filmsandgraphics.com.

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filmsandgraphics.com
info@filmsandgraphics.com
866.925.2083

