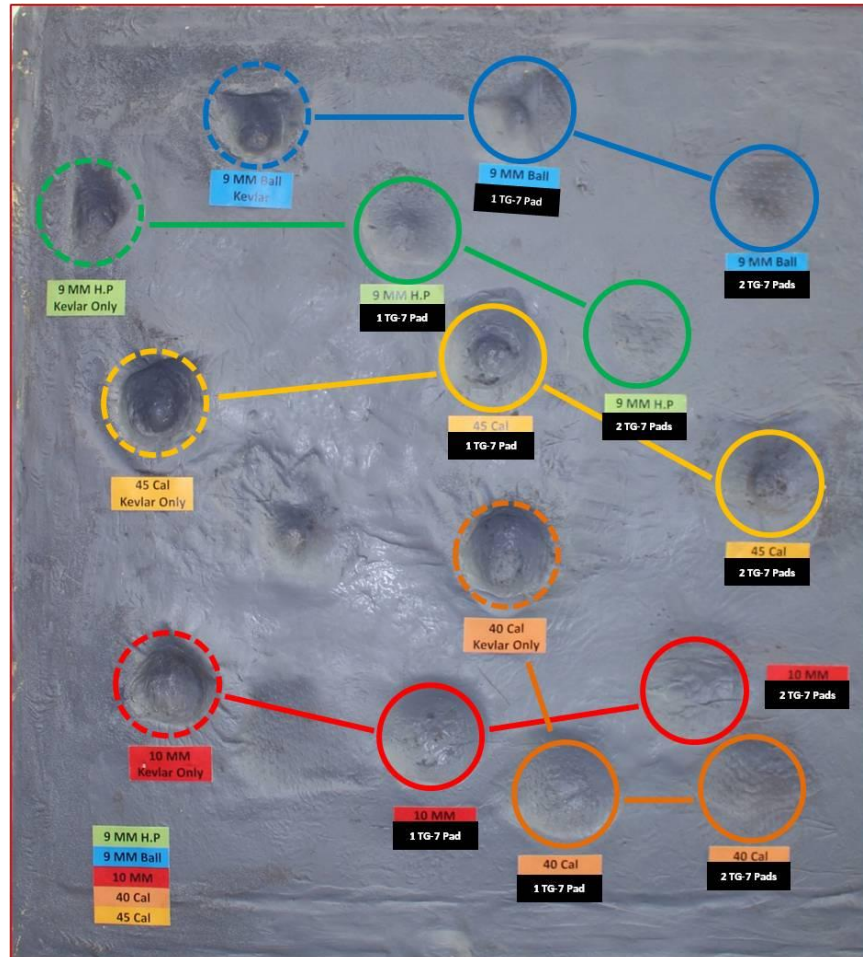




T3 TG-7

Ballistic Vest Supplemental Pad Testing Results



»The **TG-7** Ballistic Armor Protection Insert testing was performed at the Police Firing Range in Palm Bay, FL with the participation the Palm Bay Police Department, Sebastian Police Department, and Melbourne Police Department using N.I.J. Standard 0101.06 for Back Force Signatures (BFS).

»Four different caliber weapons (9mm Ball, 9mm Hollow Point, 10mm, 40 Cal, and 45 Cal) were fired at a Level IIIA ballistic vest from a distance of 6 feet/1.83 meters. Each caliber's ammunition was fired three times—the first for a “Vest only” reading, the second for “1 **TG-7** pad,” and the third and final time for “2 **TG-7** pads”. The **TG-7** Insert(s) were placed between the Vest and the clay block (simulating the human body tissue).

»The scale of BFS reduction ranged from 42-68% for a single **TG-7** pad to 58-96% for two **TG-7** pads.

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TG-7 Testing

Back Force Deformation

	IIIA Vest Only	1 TG-7 pad	2 TG-7 pads
9mm	0.96 in 24.34 mm	0.35 in 8.95 mm	0.04 in 0.96 mm
		-63%	-96%
9mm HP	0.67 in 17.14 mm	0.23 in 5.9 mm	0.19 in 4.7 mm
		-66%	-73%
10mm	0.94 in 23.95 mm	0.53 in 13.44 mm	0.24 in 6.07 mm
		-44%	-75%
40 Cal	1.12 in 28.36 mm	0.36 in 9.03 mm	0.15 in 3.92 mm
		-68%	-86%
45 Cal	1.49 in 37.91 mm	0.87 in 22.11 mm	0.63 in 15.89 mm
		-42%	-58%

T3 Motion TG-7 Testing Video:

<https://www.youtube.com/watch?v=hcJTE59fk0U&feature=youtu.be>

»For more information on the **TG-7**, please contact the T3 Motion Sales Team at (909) 464-1535 or email sales@t3motion.com.

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