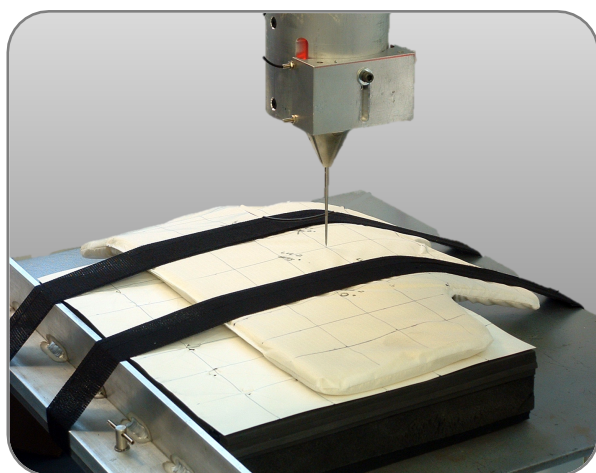


# Stab Backing (STAB)

Composite backing for the assessment of stab penetration resistance



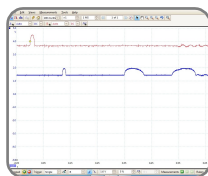
- Provides supportive backing for armour systems and witness media to assess stab penetration resistance.
- Certified to the U.S. National Institute of Justice NIJ 0115.00 composite backing acceptance criteria for thickness, durometer and ball-rebound.
- Witness media (Polyart™) provided to assess stab penetration.
- Stab sabot damping disks are provided from certified material. Compatible with the Stab Test Apparatus provided by Biokinetics.
- Suitable for evaluating protective fabric or hard plate systems against penetrating threats.
- The stab backings are individually sealed in plastic sleeves.



Stab backing and threats



Stab Apparatus



Backing rebound test

## Specifications

Performance:	Meets NIJ 0115.00 composite backing specifications. Certified for number of layers, layer thicknesses, durometer, pack coefficient of restitution.	Composition:	<ol style="list-style-type: none"> <li>1. Outer neoprene foam (4 layers).</li> <li>2. Underlying PE foam (1 layer).</li> <li>3. Witness medium, Polyart™ paper (1 layer).</li> <li>4. Damping disks, PE foam (2 required per test)</li> </ol>
Storage Conditions:	15 to 25°C (59 to 77°F) away from direct heat sources. Relative humidity <65%. Avoid exposure to UV (e.g., direct sunlight).	Part Number:	STAB-001

## Physical

Backing Dimensions:	W 381 x D 305 x H 67 mm (nominal) (W 15 x D 12 x H 2.6 in)	Backing Weight:	2.46 kg (5.4 lb) per pack
Damping Disk Dimensions:	50 mm diameter, 30 mm thick (nominal) (1.97 in diameter, 1.18 in thick)		

## Warranty

All components:	1 year limited
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(All specifications are subject to change)