

Hex Shield™

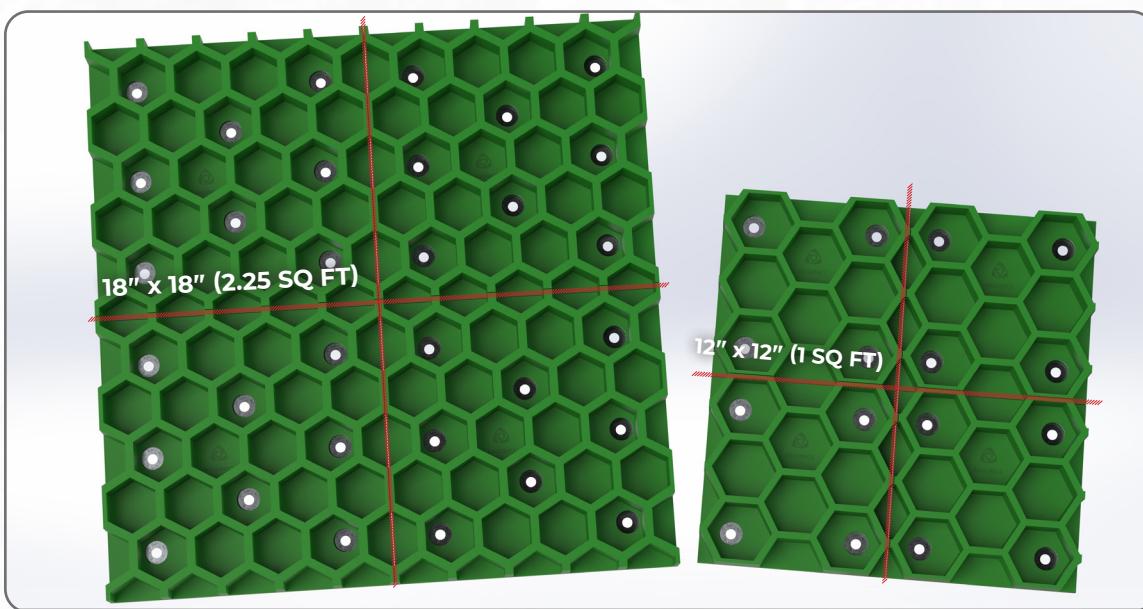
DEAD BED WEAR PLATE

 **ARGONICS**
ENGINEERED POLYURETHANE



HONEYCOMB WEAR PROTECTION SYSTEM

Argonics Hex Shield is a modular honeycomb liner system engineered to dramatically extend equipment life in high-impact and high-abrasion material handling environments. Its unique hexagonal cell design absorbs impact energy while reducing wear on chute walls and critical transfer areas.



KEY BENEFITS:

- **SELF-PROTECTIVE DEAD BED**

Falling aggregate is caught by the hex pockets. As more material falls, it abrades against this material rather than the liner surface, minimizing liner abrasion.

- **SUPERIOR IMPACT AND ABRASION RESISTANCE**

Engineered urethane wear plates protect chute walls from heavy impact and continuous material abrasion, significantly reducing wear in high-stress zones.

- **EXTENDS CHUTE & EQUIPMENT SERVICE LIFE**

By shielding steel surfaces from wear and impact, Hex Shield helps prolong the lifespan of chutes, hoppers, and transfer points.

- **AVAILABLE IN TWO SIZES**

Hex Shield wear plates are offered in **two modular sizes** for flexible layout and optimized material protection:

- **12" x 12" (1 sq ft coverage)**

- **18" x 18" (2.25 sq ft coverage)**



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Trap wear before it starts

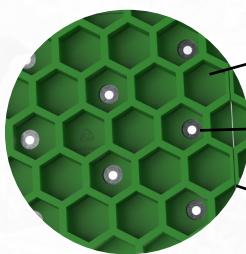
HEX SHIELD CHANGES THE EQUATION

Engineered with precision hexagonal geometry and molded from Argonics proprietary Kryptane® high-wear polyurethane, Hex Shield forms a self-protective dead bed that turns incoming material into its own first line of defense. Instead of attacking your equipment, material settles into hex pockets and abrades against itself. The modular panel system allows sections to be replaced individually, reducing replacement cost and maintenance time.

HOW HEX SHIELD WORKS

Hex Shield's modular hex-pocket design captures incoming material on impact, creating a stable cushioning layer in the highest wear zones. This dead bed absorbs energy and dampens vibration, protecting your conveyor system while keeping material moving efficiently. The result: smoother material flow, longer component life, and fewer shutdowns.

Advanced impact and abrasion protection for chutes, hoppers, and material transfer points.



Self-Protective Dead Bed

Material abrades against itself—not your liner

Weld-in or Bolt-in Install

Comes with plugs to cover welds or bolts

Kryptane Polyurethane

Engineered for extreme wear

Impact Energy Absorption

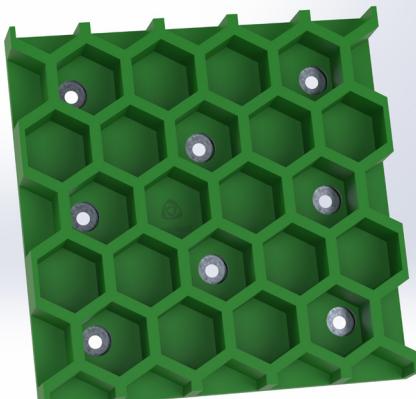
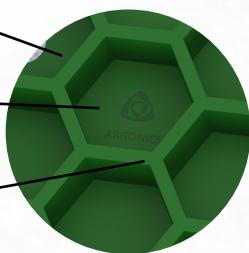
Dampens impact and vibration

Modular, Cost-Effective Wear Solution

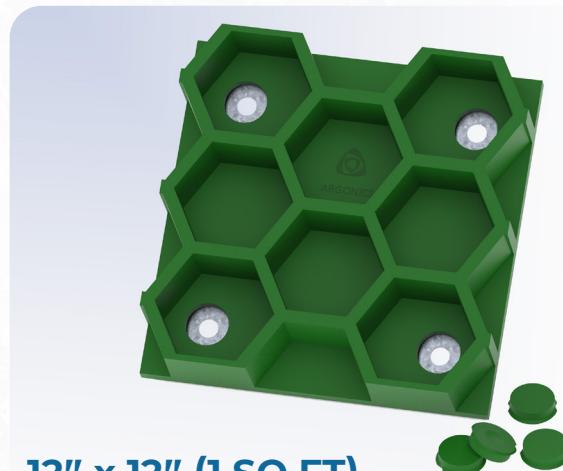
Extends chute and equipment service life

Easy to Use

Lightweight and easy to handle
Sizes: 12" x 12" • 18" x 18"



18" x 18" (2.25 SQ FT)



12" x 12" (1 SQ FT)



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