



紅星篩網

RED STAR
WIRE SCREENS

— SINCE 1989 —

RUBBER SCREEN

▪ Rubber Screen

What is rubber?

- Rubber is a highly elastic polymer material that is mainly divided into natural rubber (NR) and synthetic rubber.
- Mining rubber screen plates are typically made of wear-resistant synthetic rubber, such as SBR or BR, with added reinforcing fillers, vulcanizing agents, and anti-aging agents. They are formed through high-temperature, high-pressure vulcanization to ensure high wear and impact resistance.



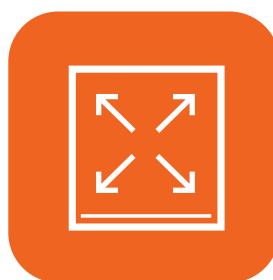
■ *Advantages of Rubber*

- The core advantages of rubber screen plates lie in their superior cushioning properties, anti-clogging capabilities, and cost-effectiveness when used with materials such as ore, rock, and coal that are subjected to impact, abrasion, and humid environments.



Superior shock absorption

They effectively mitigate impact forces from large falling materials.



Strong elastic self-cleaning capability

Generates secondary rebound vibrations upon material impact. Ideal for wet and sticky materials.



Excellent wear resistance

Ideal for processing medium-hardness materials. Has a longer service life than standard metal screens.



Easy installation and low maintenance

Effortless handling and setup minimize downtime.

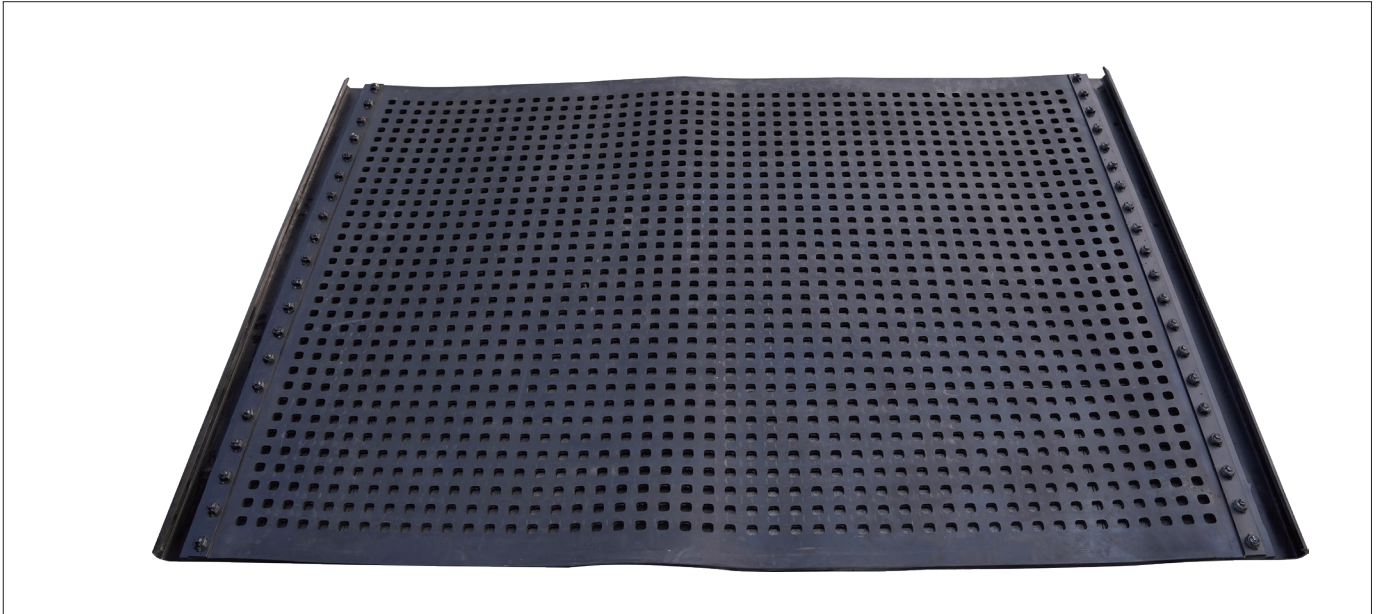


Moderate cost

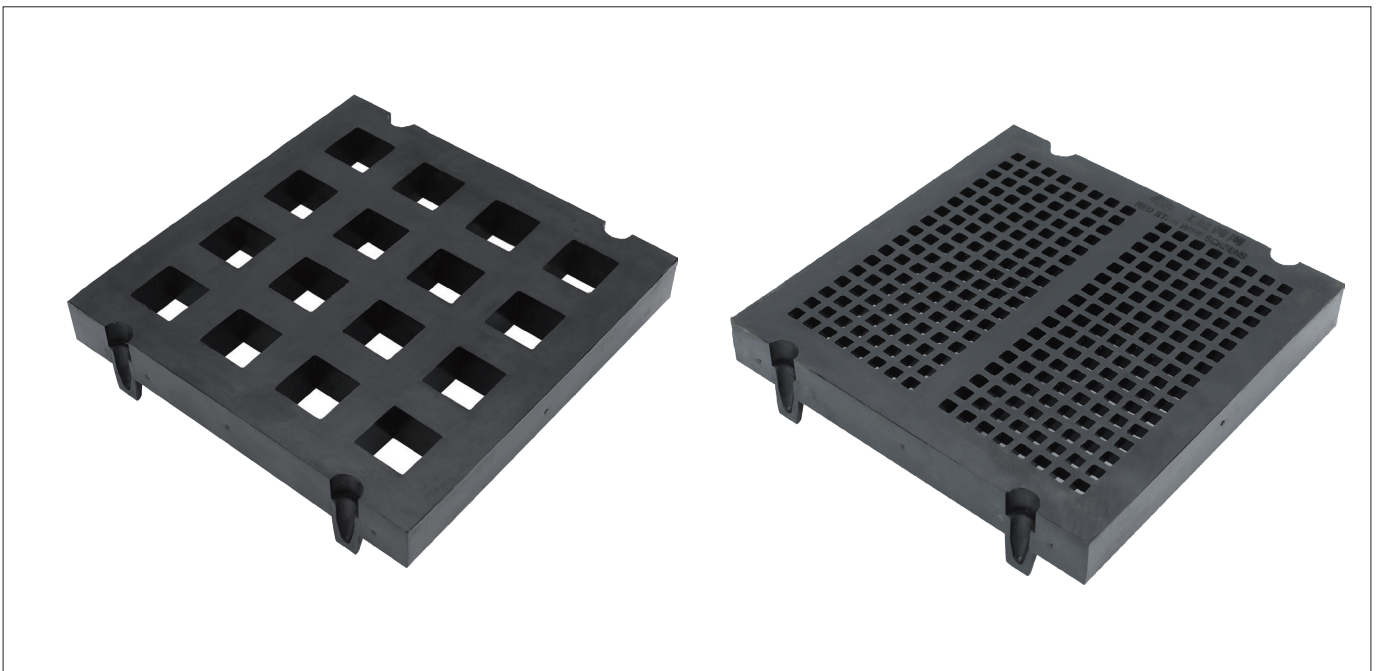
Competitively priced screen plates.

▪ *Common Types of Rubber Screen*

Rubber Tension Screen



Modular Rubber Screen

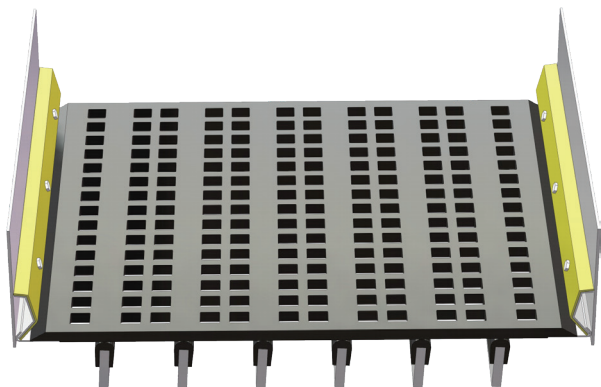


▪ Detailed Introduction to Rubber Screen

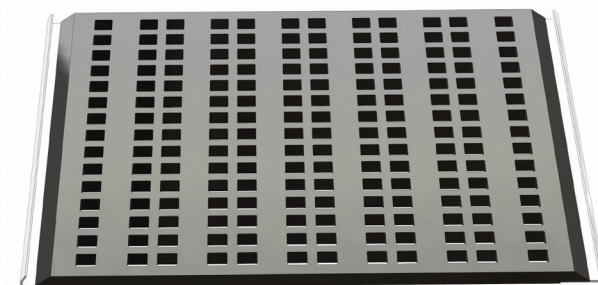
- Rubber screen plates are highly efficient screening devices designed for processing moist, sticky, and fine-grained materials. They use a unique dual-mass vibration system and an elastic screen surface to address common issues with traditional screens, such as clogged openings, low efficiency, and high noise levels.
- The rubber screen surface can be customized with different hole shapes (square, round, rectangular, etc.) based on material characteristics and is available in thicknesses ranging from 7 to 30 mm. The screen holes have an inverted conical structure. Combined with the periodic deformation of the screen surface, this structure creates a "breathing phenomenon," which effectively prevents clogging and significantly enhances self-cleaning capabilities.

▪ Rubber Tension Screen

Installation Exploded View

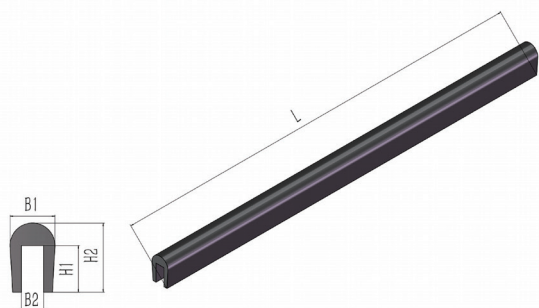


Rubber Screen Style



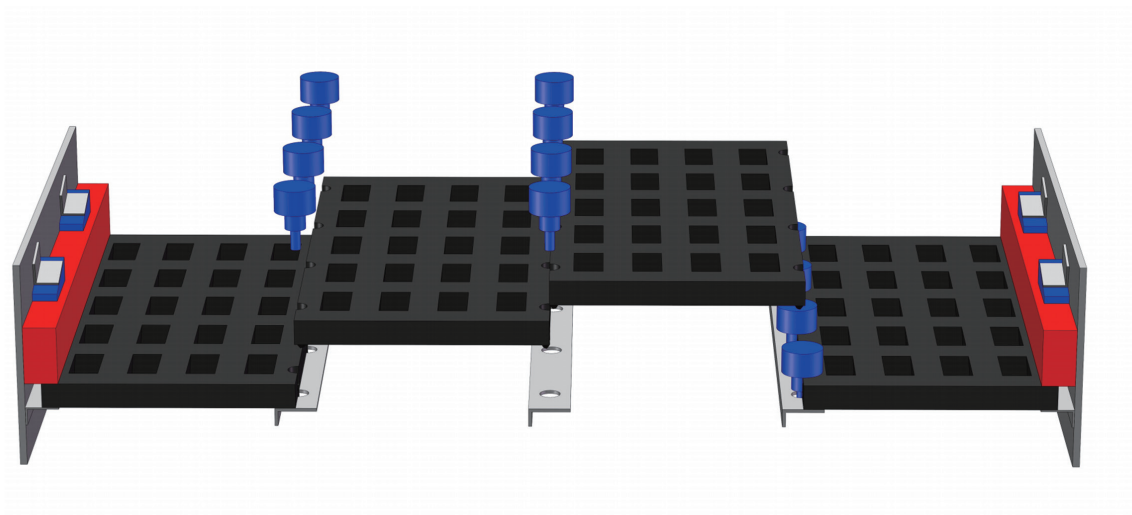
Accessories

Polyurethane Side Pressure Plate

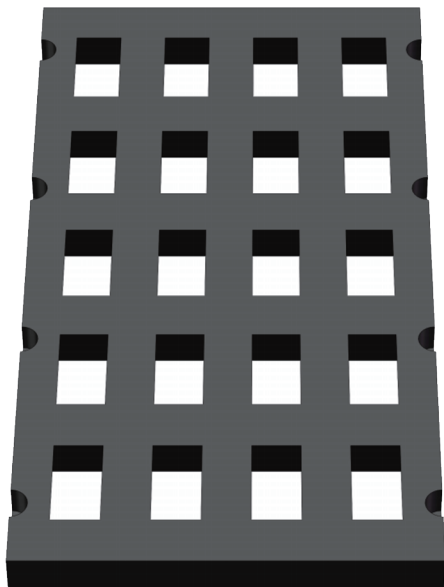


Modular Rubber Screen

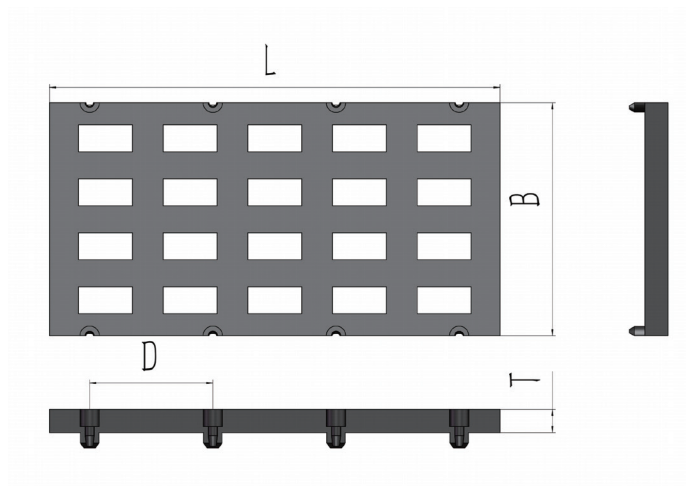
▪ *Installation Exploded View 1*



Rubber Screen Style

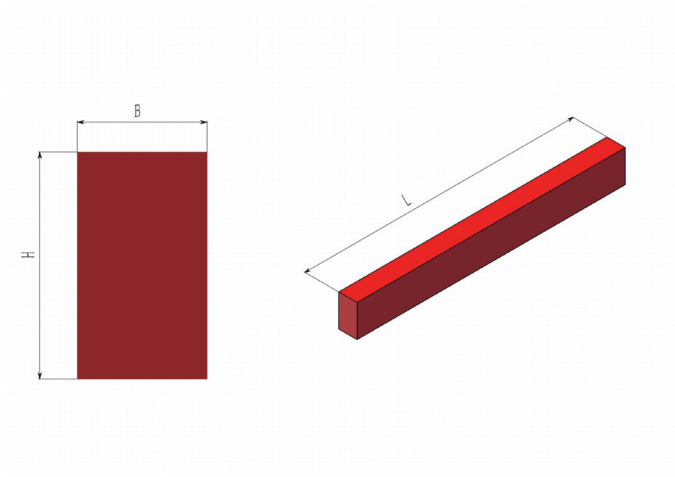


Product Specifications

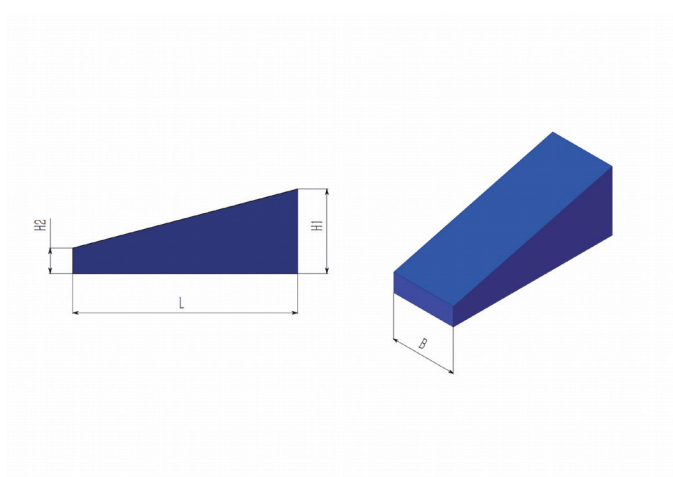


Accessories

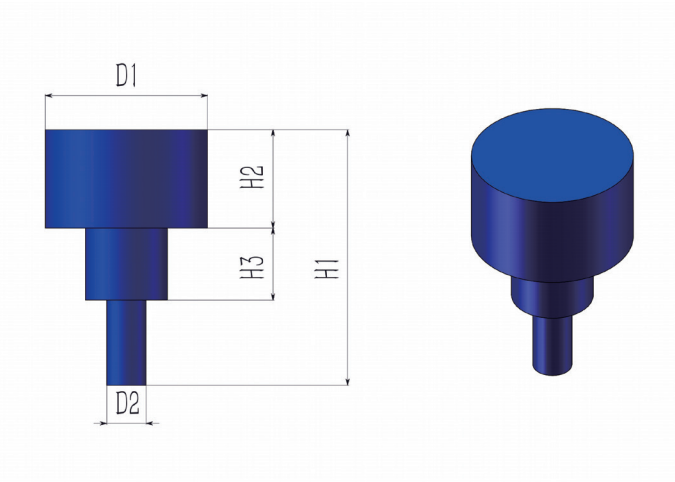
Polyurethane Side Pressure Plate



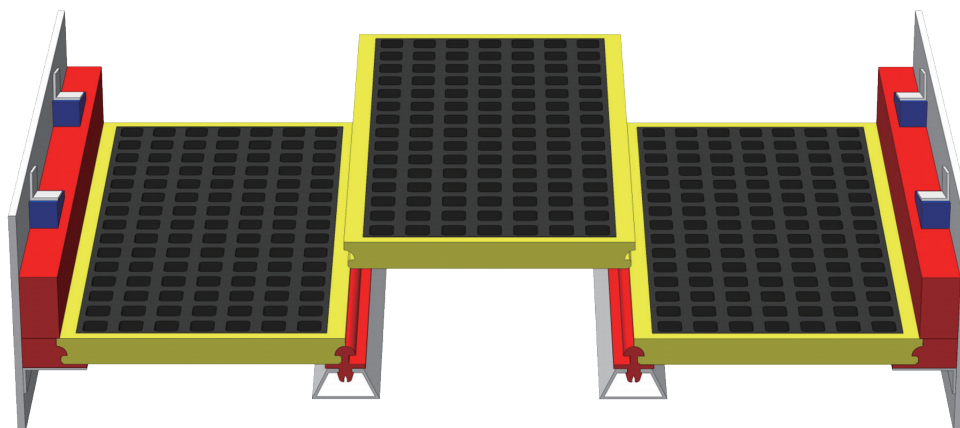
Polyurethane Wedge Block



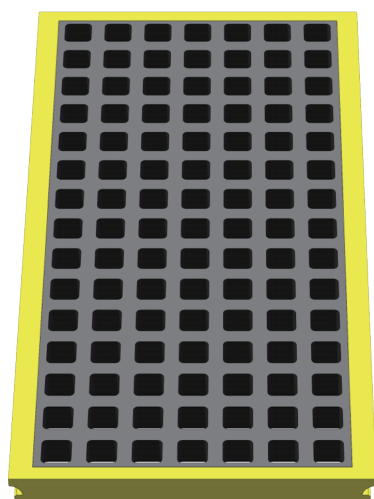
Pins



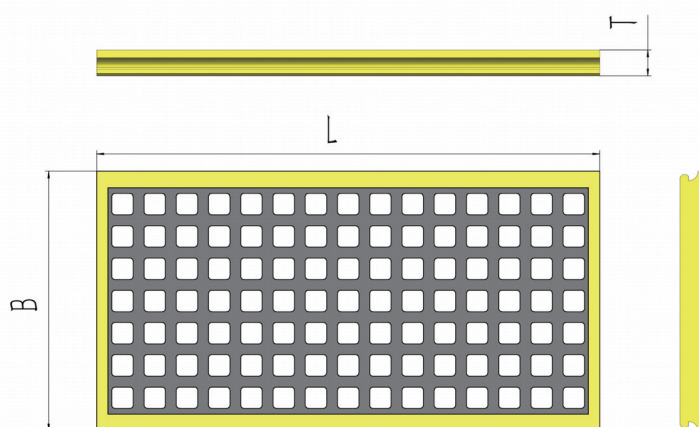
▪ *Installation Exploded View 2*



Rubber Screen Style

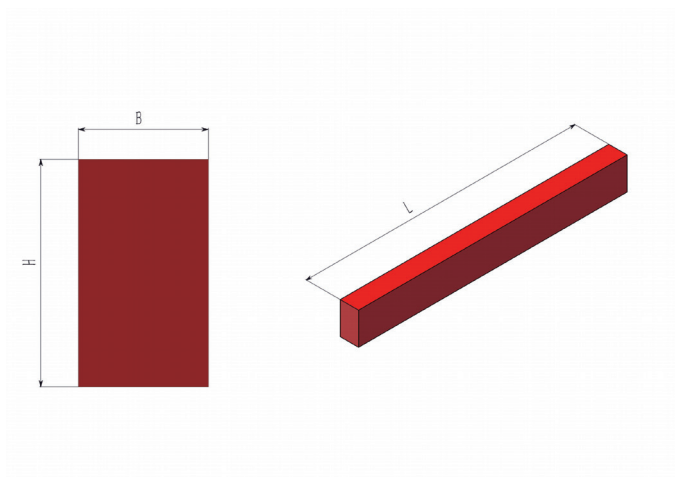


Product Specifications

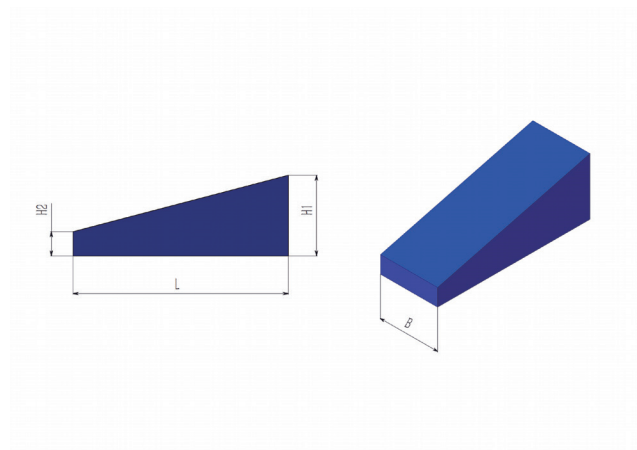


Accessories

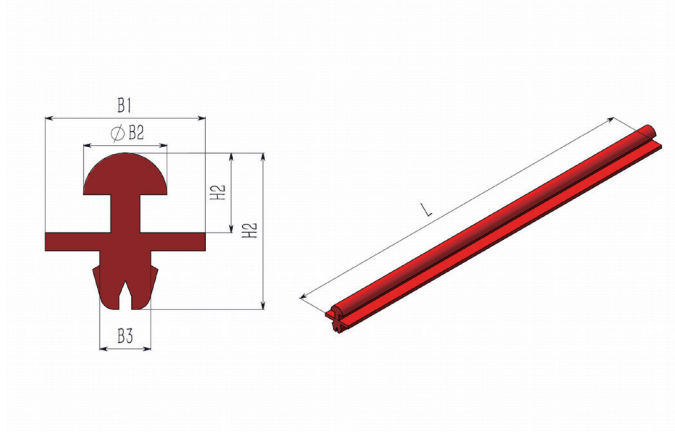
Polyurethane Side Pressure Plate



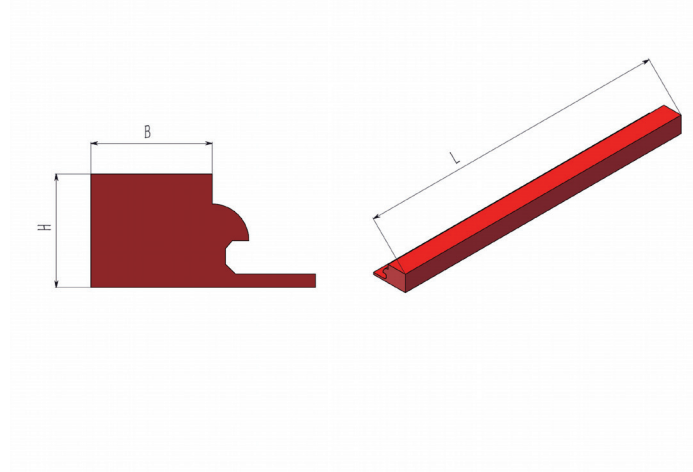
Polyurethane Wedge Block

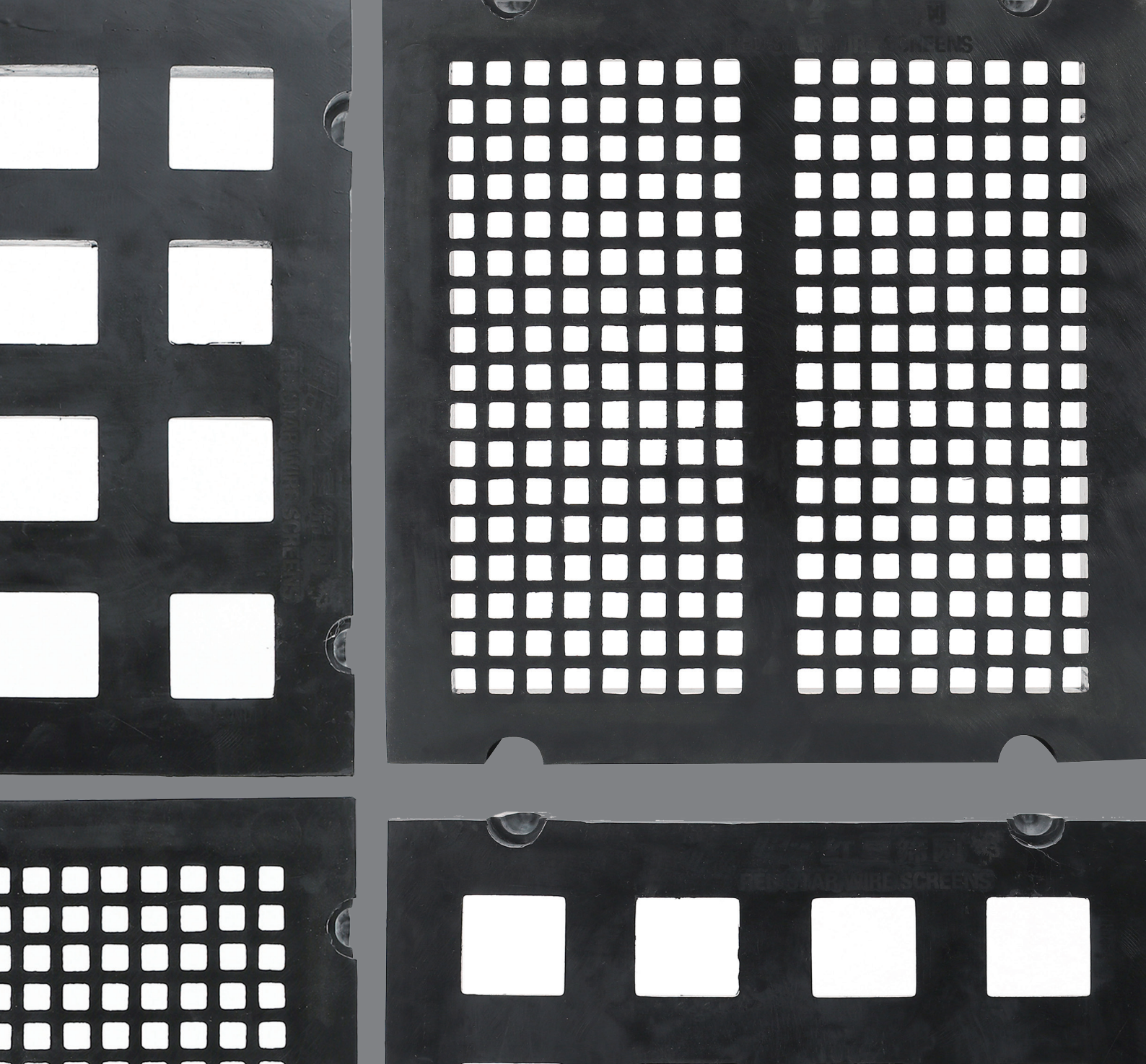


Polyurethane Adaptive Bar



Polyurethane Adaptive Bar





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