

SCREENPRODUCTS

SCREENING MEDIA



EAZIFLOW SCREENS / FLEX-MATS



UNIT 24, LAGUNA SECA, 43 LEE BARNES BOULEVARD, BALLITO, 4420

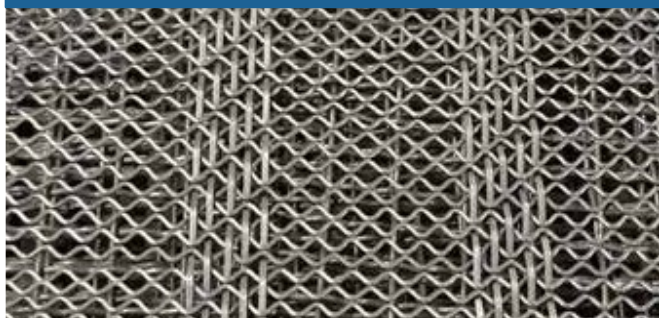
EAZIFLOW SCREENS / FLEX-MATS

SELF-CLEANING & HIGH EFFICIENCY SCREENS

Our manufactures and supply self-cleaning screens known as Eazi Flow Screens, or more commonly known as Flex-Mats.

The advantage of Eazi Flow Screens is the use of Polyurethane binding wear bands as opposed to traditional wire harp screens that use thin wire to bind the screen.

TRADITIONAL HARPSCREEN



Once these binding wires wear the entire screen falls apart often prematurely.

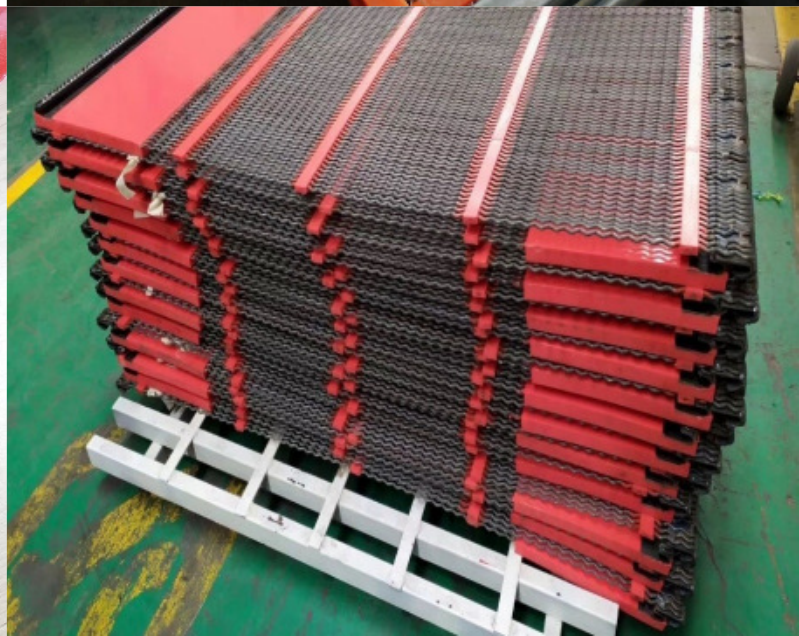
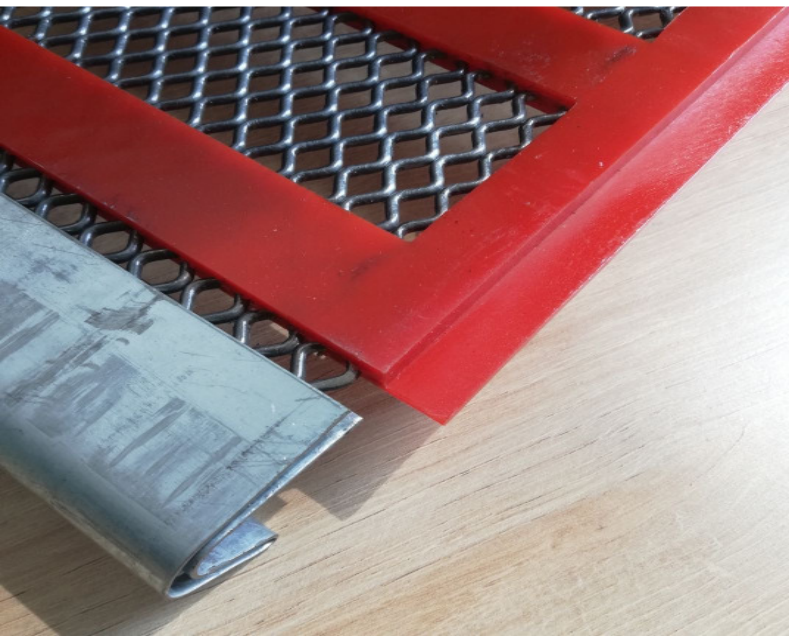
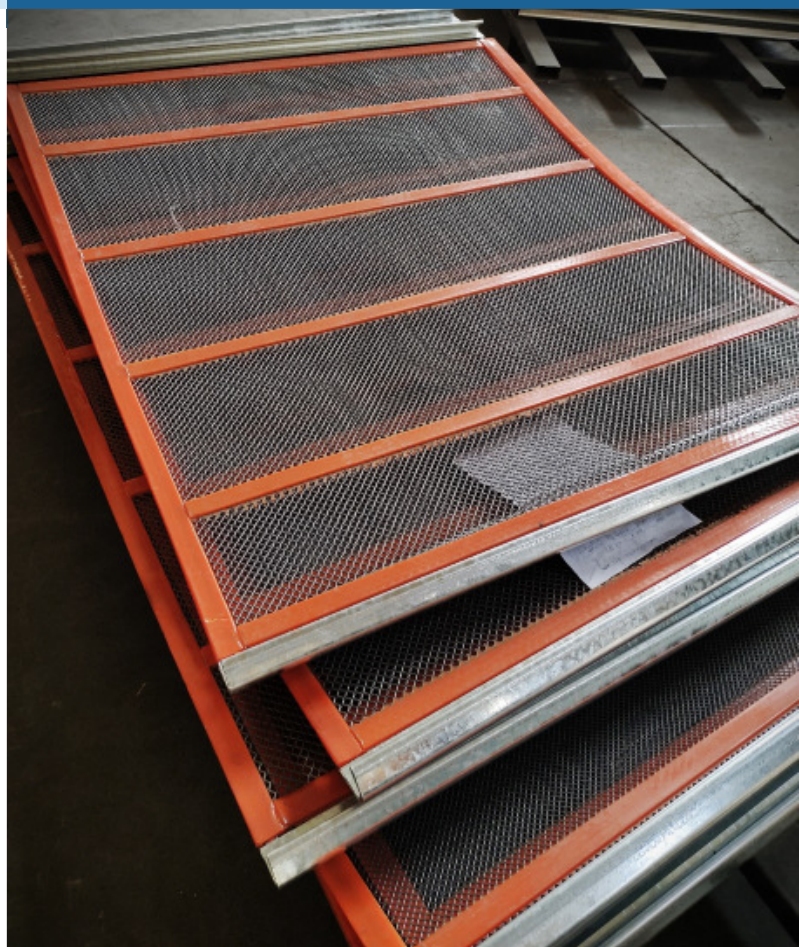
TYPICAL EAZIFLOW SCREEN / FLEX MAT



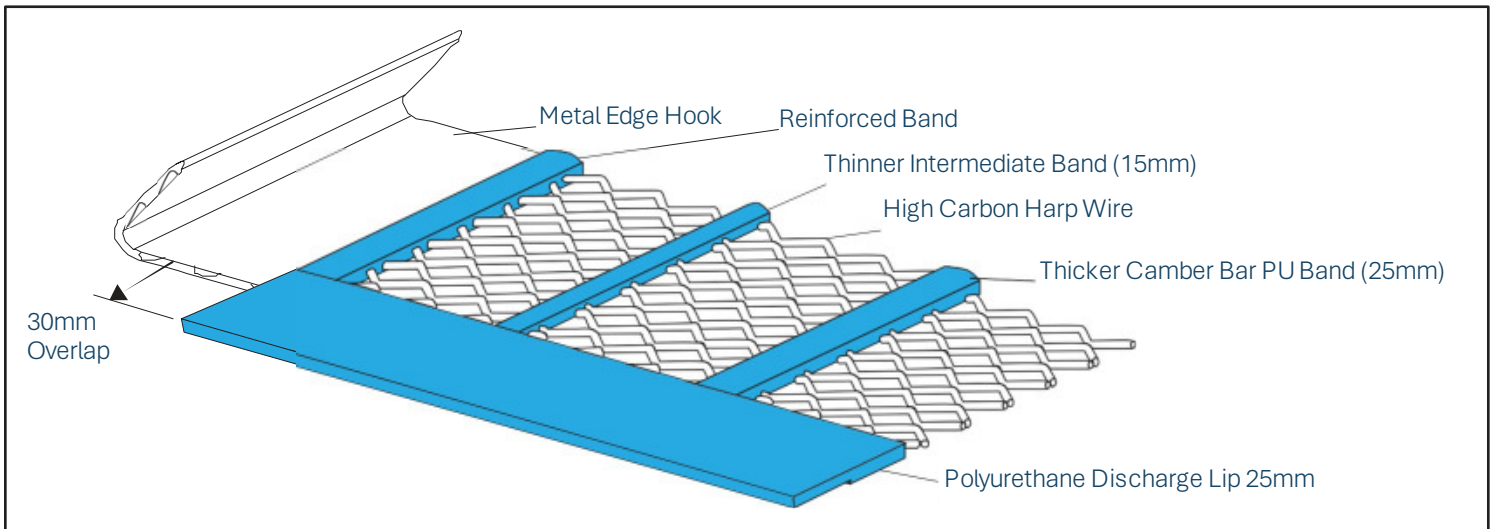
Polyurethane wear bands are far more abrasive resistant and much stronger than wire in a screening application.

ADVANTAGES OF USING EAZIFLOW SCREENS / FLEX-MATS:

- Large open area
- Reduced pegging and blinding
- High wear and abrasion resistance
- Good performance with wet screening
- High screening efficiency



TYPICAL EAZIFLOW / FLOW-MAT DETAIL



MAXIMISING EAZIFLOW SCREEN PERFORMANCE

A key factor in the screening performance of the EaziFlow system is the precise positioning of the camber bar and wear bands. For maximum effectiveness, the main polyurethane (PU) wear bands should be aligned directly above the camber bars. Proper placement not only improves screening efficiency but also significantly extends the lifespan of your EaziFlow screens.

Our has conducted extensive testing to determine the optimal spacing between the PU wear bands and the camber bars. These intermediate bands are positioned based on careful calculations of the aperture-to-wire ratio, ensuring a lively screen action and delivering the best possible combination of efficiency and durability.

Our research has shown that the most effective setup involves casting the camber bar PU bands at 25mm and the intermediate PU bands at 15mm. This configuration increases the open area, leading to significantly improved screening performance. Additionally, we've identified a common point of premature wear near the hook edge, adjacent to the metal frame. To address this, we now cast reinforced PU bands along the hook edges to enhance durability and reduce early failure.

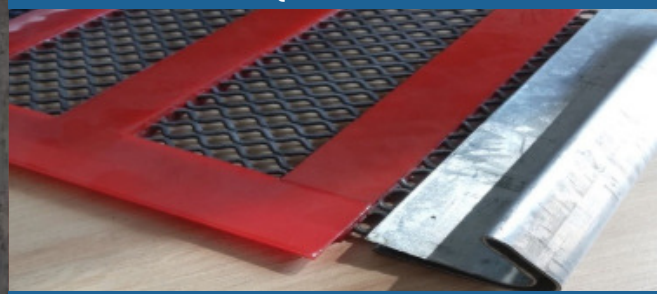
DIFFERENT WEAR TYPES INCLUDE :

Depending on the aperture required, we can supply EaziFlow Screens in 2 Main Weave Types:

- **SQUARE HARP WEAVE:** Available from 2mm Aperture (and above)
- **TRI HARPWEAVE:** Available from 1.1mm Aperture (and above)



TYPICAL SQUARE HARP WEAVE



TYPICAL TRI HARP WEAVE

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