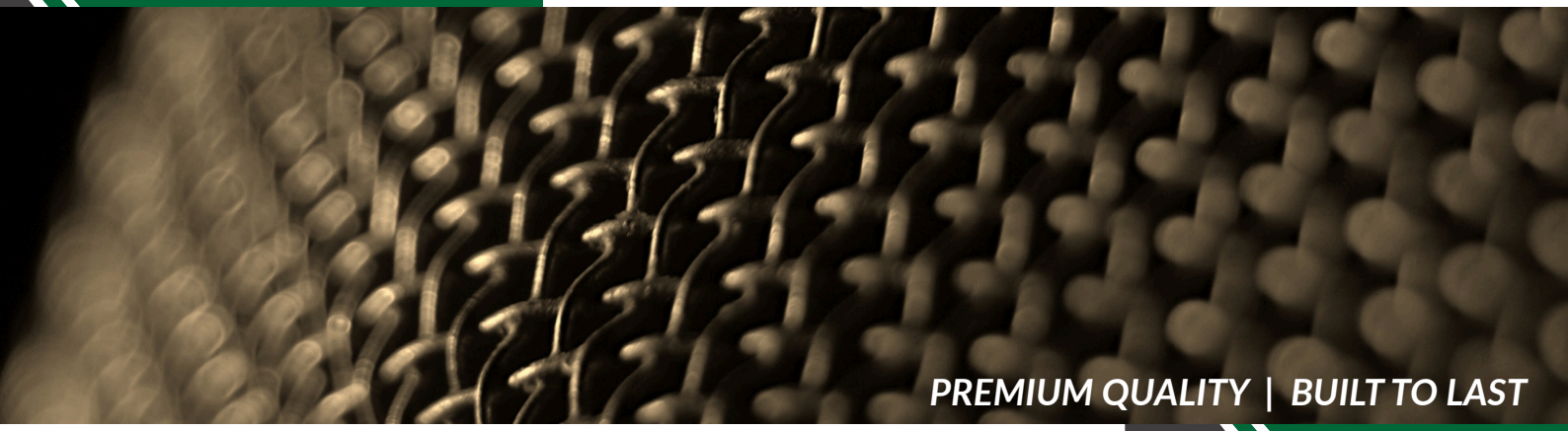
SYFTX Wear Resistant Screen Mesh

PRODUCT OVERVIEW



THE PROBLEM

High Wear | Limited Life

Mining and Energy operations face a recurring challenge: how to maintain screening efficiency and reliability in the toughest environments without incurring excessive downtime and costs.

Common abrasive screening issues include:

- Holes that reduce screening efficiency
- Frequent screen changeouts
- Unexpected downtime
- Rising maintenance expenses

Despite this widespread issue, few wear-resistant alternatives exist, leaving maintenance teams to manage higher costs, increased downtime, and lower overall productivity.

THE SOLUTION

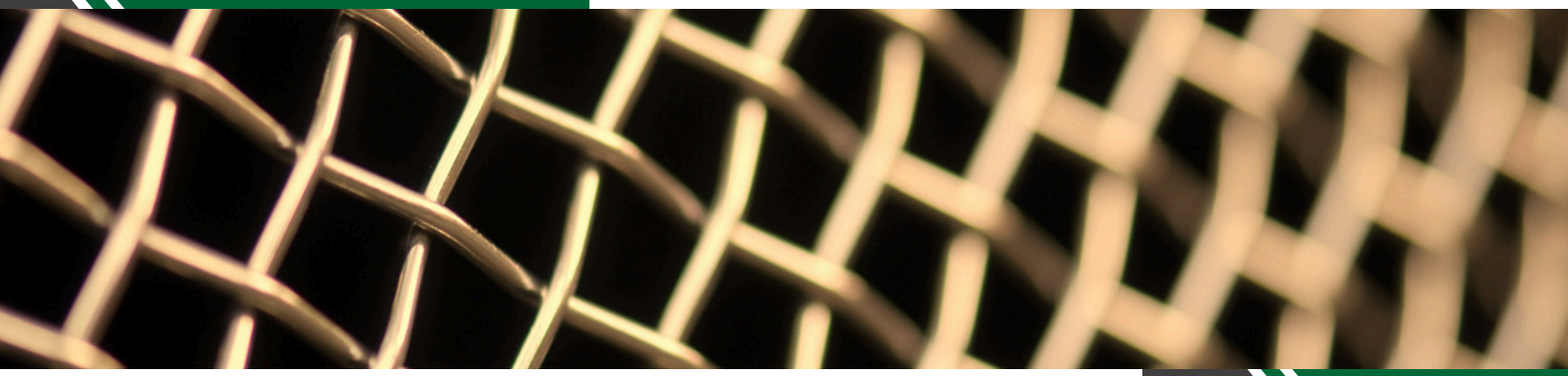
Hardened Surface | Longer Life

SYFTX wear resistant screen mesh utilizes a novel diffusion hardening process which achieves exceptional surface hardness and wear resistance compared to standard stainless steels while maintaining a ductile core.

- Hardness: up to **850 HV**
- Hardened surface averaging **3x the wear life** compared to baseline 304 SS
- Limited effect on mechanical and chemical properties of the base wire material
- Wear life and hardness proven by 3rd party labs

SYFTX panels are fully customizable and can be fitted for most screening applications.

SYFTX Wear Resistant Screen Mesh



THE VALUE

Better Technology | Longer Life

SYFTX wear resistant screen mesh delivers premium performance utilizing better technology to significantly extend service life in the toughest screening environments. SYFTX products aim to reduce total cost of ownership and lead to greater operational uptime.

SYFTX wear resistant technology can be designed for most applications with custom panel, mesh and wire combinations available on request.

- Diffusion-hardened 304 SS mesh for 3x the abrasion resistance with surface hardness up to 850 HV
- Hardens surface while maintaining wire shape and ductile core
- Standard and Custom panels, materials and mesh sizes available upon request

CONTACT US

Anytime | Anywhere

Contact us for a full assessment of your process requirements.

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