

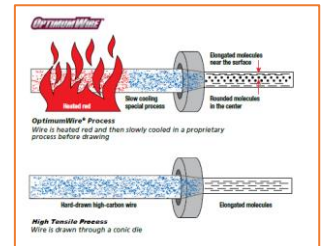
## **OPTIMUMWIRE®** Wire Screening Media

The Industry's Strongest Wire

**OPTIMUMWIRE®** is the key durability component in most of our wire screen media.

**OPTIMUMWIRE®** is manufactured with a higher carbon and higher manganese content than traditional woven wire, providing more resistance to abrasion and better performance in your application.

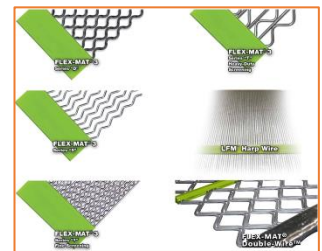
Its high ductility, hardness and tensile strength make it less susceptible to breaking in high impact conditions and with highly abrasive materials, so it lasts longer and minimizes labour, maintenance and lost production costs.



### **FLEX-MAT3®** Self-cleaning screen cloths

The revolutionary **FLEX-MAT3®** Self-Cleaning Screen technology has proven its value in more than 25,000 applications worldwide.

Customers in aggregate, mining, recycle, asphalt, green waste, top soil & other screening applications have experienced the revenue-generating, cost-reducing benefits of **FLEX-MAT3®**.



### **FLEX-MAT3®** Modular Screen Panels

The Proven Option to Traditional Poly & Rubber Panels

- Increases Open Area Up To 40%
- Introduces Self-Cleaning Technology
- Proven to stay cleaner than rubber & poly
- Proven more efficient than rubber & poly
- Employs High-Frequency Vibrating Wires
- Delivers Precise Passing for life of the panel
- 305 x 305mm & 305 x 610mm panel sizes
- Most common fixing systems available



**25,000+**  
**FLEX-MAT3®**  
**APPLICATIONS**

Clearly recognised as the industry's highest quality woven wire screen in thousands of quarries throughout the world.

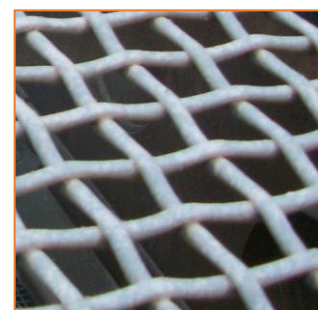
Our unique approach by combining the best in raw material chemical composition with the right processing method for each wire diameter size delivers the industry's highest performance.



## Field Test Results

The original wire diameter at installation was 7.9mm.

After 3 weeks and 103 hours of screening extremely abrasive material, the **OPTIMUMWIRE®** screen cloth has less wear and a diameter of 6.86mm representing 13% wear.



**OPTIMUMWIRE®**

The competitor's screen cloth shows considerable wear with a diameter of 5.41mm representing 32% wear.

After 4 weeks, 180 hours of use, screening 29,758 tons of material, the **OPTIMUMWIRE®** screen was still screening in-spec material while the Competitor Brand had to be replaced.



Competitor mesh

## It's the Weave that Makes the Difference

**OPTIMUMWIRE®** has the most stringent weaving and finishing quality standards in the industry. Any movement within the crimp causes additional wear and shortens the life of the screen.

Our manufacturing process for quality demands zero tolerance to any type of movement within the crimp or weave of our screen media. This improves the wear life in the field. Nepean Rubber strives for manufacturing excellence in its metallurgical content and weaving process every time.

That's the built-in integrity we achieve every day. See for yourself.