

# Metso

Screening media

## Trellex® PCL Poly-Clean™



New & improved

Our goal is to continuously optimize your screening process. Recent product developments of Trellex® PCL Poly-Clean have been made possible by close cooperation with customers' evolving needs and new investments. The result is an improved product that offers consistent quality and maximized screening capabilities.

Designed to withstand the toughest of screening applications. The crimped wires independently fixed to a molded and flexible sealing strip vibrate for improved screening efficiency. This trusted technology offers maximum wear life and the precision you need for dependable aggregate production.

#### Less blinding and pegging

With Trellex® PCL Poly-Clean screening media, you can efficiently screen your material even in the most demanding conditions. Whether your feed material is damp and sticky or prone to pegging, PCL will screen it and produce a cleaner product. Each wire vibrates independently, which inhibits the buildup of material over the screening surface and thereby prevents blinding and increases the efficiency of the deck.

#### Longer wear life

Our manufacturing facilities with established processes and regular laboratory tests ensure constant high quality.

The design of Trellex® PCL offers a flat surface and eliminates wire-on-wire wear. This results in significantly longer wear life. Combining the wearresistant properties of polyurethane sealing strips with the high quality wire media, PCL lasts longer and outperforms traditional wire cloth.

#### Maximized open area

Trellex® PCL offers the highest open area available on today's market. A broad range of openings is available, all with highly accurate and precise openings no matter your application.

#### Focus on safety and sustainability

Sharp edges, which are difficult to handle and pose a risk of being cut, are avoided thanks

to the use of sealing strips. In addition, PCL can be rolled up without being damaged. This means that it takes up less space, which in turn facilitates transport and contributes to a more sustainable society through reduced CO2 emissions.

#### Services and availability to keep your screen operating

The unmatched knowledge of our people and our broad portfolio of screens, media and parts make it possible for us to help you optimize your specific process according to your needs and target. With Metso's extensive global network, support and service is always close. In addition, improved lead-times facilitate faster maintenance and planning.

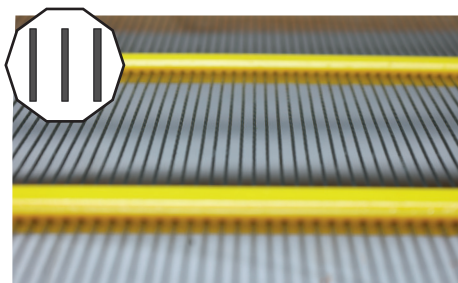
**Read more at [metso.com/screeningmedia](https://metso.com/screeningmedia)**

#### Benefits

- Improved availability
- Wide range of openings to fit your application
- Longer wear life
- High open area
- Anti-blinding and pegging
- Extensive support network

Trellex® PCL (Poly-Clean)

# Four weave configurations for optimal performance:



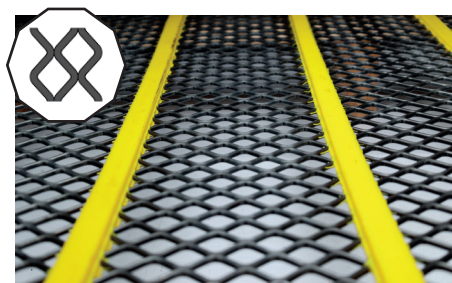
## PCL-T/Poly-Clean-T

- Maximum open area
- Rapid removal of fine material
- Longer wear life than traditional piano wire screens



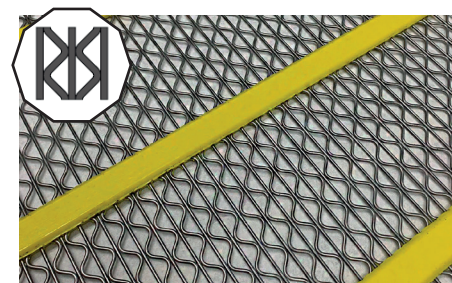
## PCL-H/Poly-Clean-H

- High open area
- Removes fine material while retaining an accurately sized clean material



## PCL-S/Poly-Clean-S

- Exceptional cleaning ability
- Suited for applications with a high percentage of near-size material which is prone to pegging or blinding



## PCL-L/Poly-Clean-L

- Capable of withstanding greater bed depths and loads
- Alternating crimped and straight wires provide very accurate sizing

## Technical features

- Trellex® PCL screening media has been designed to last longer and increase material throughput, screening efficiency and your overall productivity – reducing the total cost of your screening operation.
- Traditional woven wire media experiences significant wire-on-wire wear. PCL eliminates this wear with its flat non-woven construction.
- PCL can be installed on either sidetensioned or end-tensioned decks.
- Matching the polyurethane support members with the screen deck crown bars maximizes the screening area.
- An optional integral lap on the panel eliminates product contamination, recommended with openings  $< \frac{1}{2}$ ".
- Add on products; Side seals and overlaps – prevents leakage between the cloths and at the side.

Metso

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Partner for positive change