AURY
Africa (Pty) Ltd

Introduction
Aury Africa
Poly-Ripple Wire Screens



Poly Ripple Screen in use Copper Mine Botswana



Problem statement:

- Poor screen life
- Poor capacity
- Poor screen tension
- Feed onto screen

AURY Africa (Pty) Ltd

Screen in Operation



AURY
Africa (Pty) Ltd

Copper Mine Botswana



Solution:

- Supply tensioning bolts
- Adjust feed box to centralise feed
- Install PolyRipple Screens
- Awaiting SLA with mine

AURY Africa (Pty) Ltd

Screen Installation



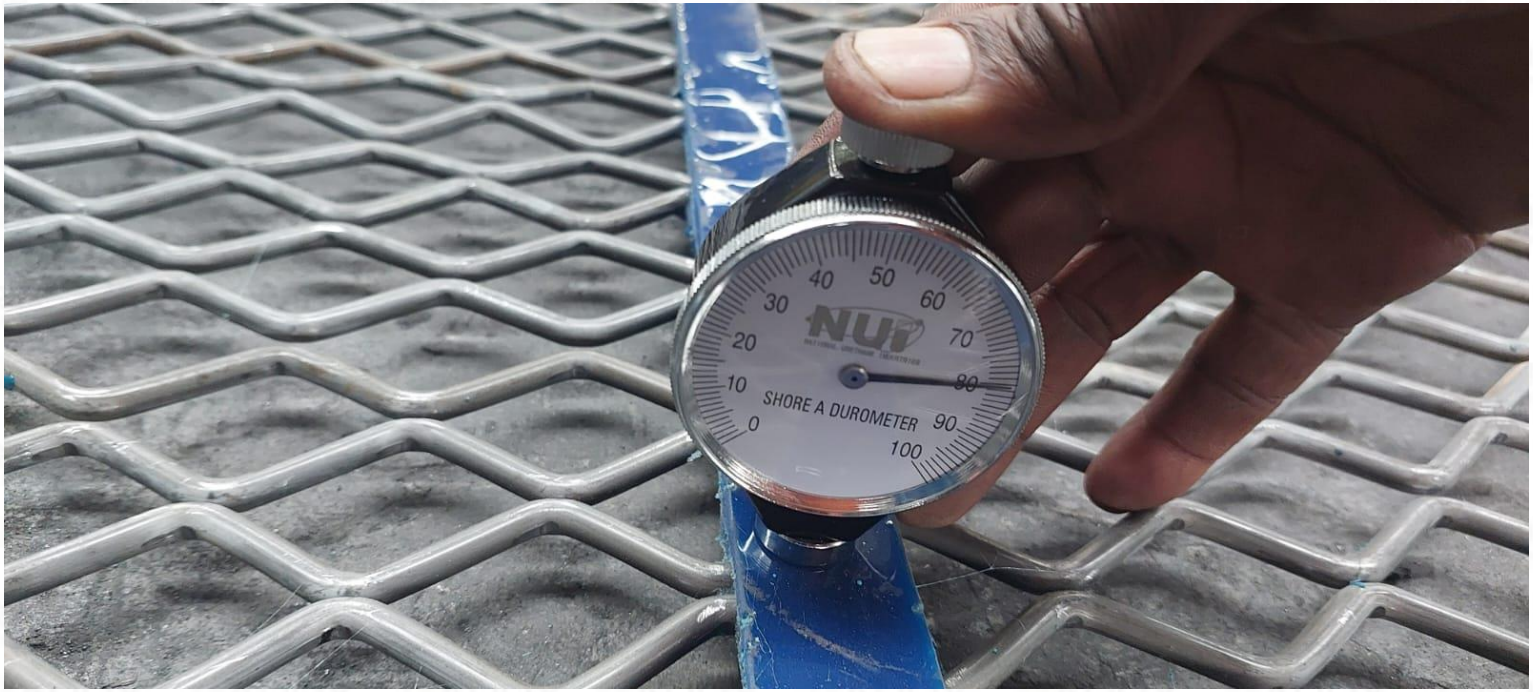
AURY
Africa (Pty) Ltd

Post Correction



AURY
Africa (Pty) Ltd

PU Hardness



AURY
Africa (Pty) Ltd

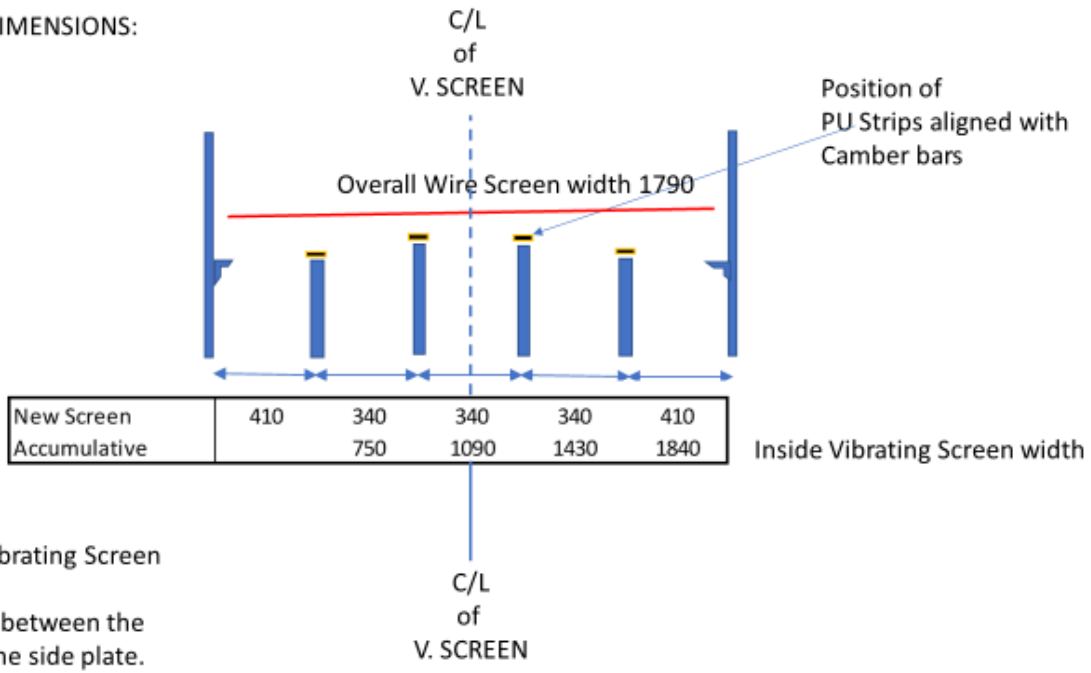
Spacing



AURY
Africa (Pty) Ltd

Critical Specifications

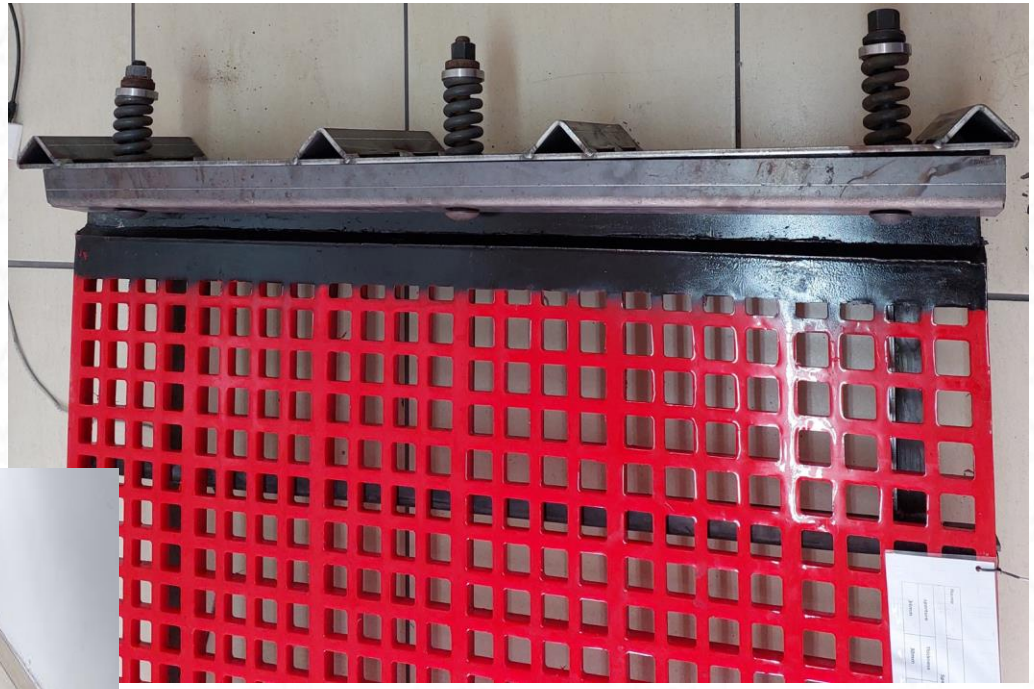
VIBRATING SCREEN INSIDE DIMENSIONS:
SIDE PLATE TO SIDE PLATE.



Inside dimensions of the Vibrating Screen side plates.
There is a 25mm clearance between the outside of each hook and the side plate.
25mm used to take up the tension in the wire screen.
Dimensions indicate position of camber bars.

AURY
Africa (Pty) Ltd

Trial jig used in initial phase

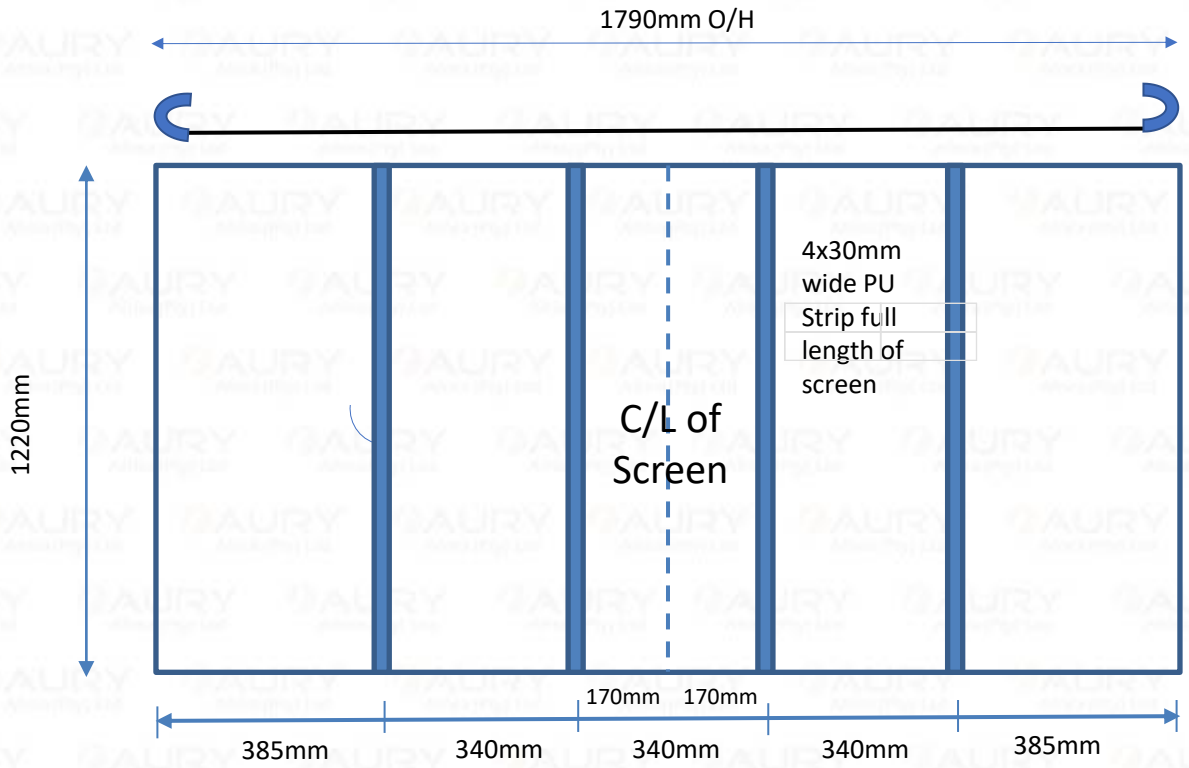




AURY
Africa (Pty) Ltd

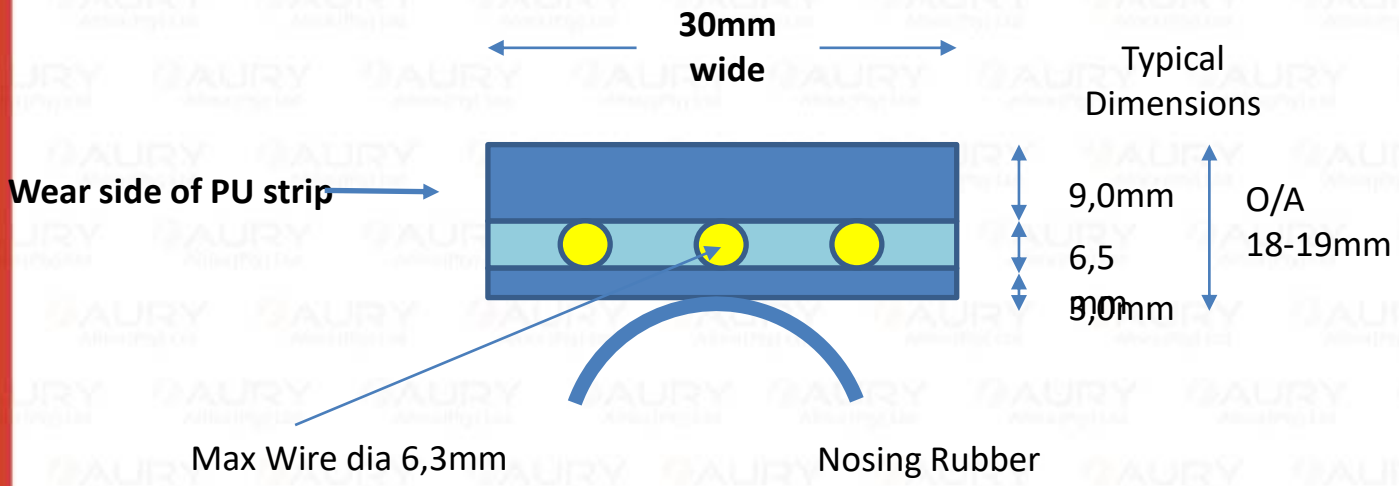
WIRE SCREEN DIMENSIONS FOR MANUFACTURING

Woven wire screen dimensions taken Over Hook (O/H)



AURY Africa (Pty) Ltd

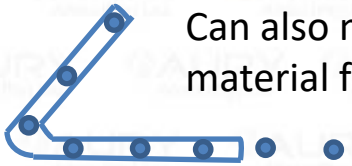
Poly-Ripple Typical Dimensions



NOTES:

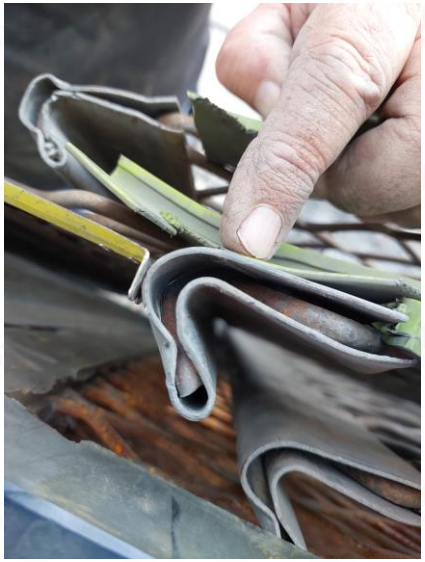
1. Overall PU Strip thickness 18mm to 20mm dependent on wire diameter
2. Width of PU strip 30mm to align with camber bars as per dimensions
3. Max wire diameter 6,3mm (Investigation of larger diameter 8mm)
4. Shore hardness 80 - 85Br. Hardness. Investigate with NUI on spec. Test sample taken from Major Screen

AURY Africa (Pty) Ltd



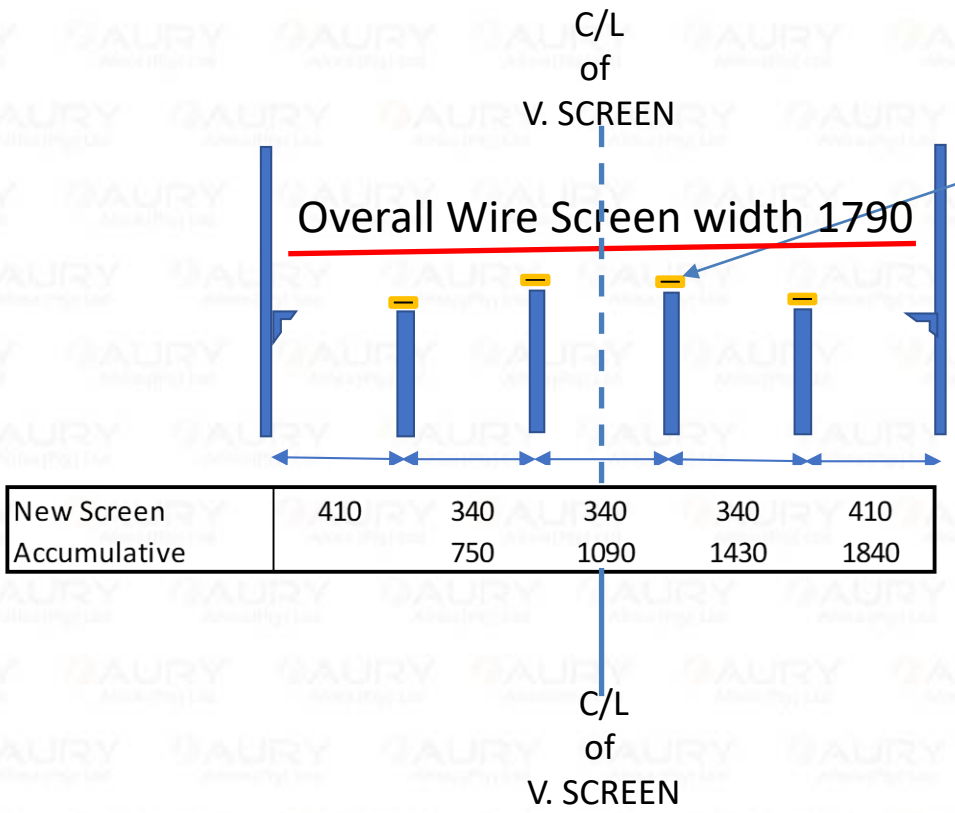
Can also make use of canvas material for better friction grip

Shorter Bend Leg



AURY
Africa (Pty) Ltd

VIBRATING SCREEN INSIDE DIMENSIONS: SIDE PLATE TO SIDE PLATE.



Inside dimensions of the Vibrating Screen side plates.
There is a 25mm clearance between the outside of each hook and the side plate.
25mm used to take up the tension in the wire screen.

Dimensions indicate position of camber bars.

AURY Africa (Pty) Ltd

Quality Management

Wire certification Mittal / Wire Supplies:	→	To be Supplied to client
PU Certification from Supplier	→	To be Supplied to client. Date, Grade, Storage
Quality Control; Specifications	→	Signed off document to be supplied to client. PU Shore hardness, width thickness; Wire dia., aperture etc. (i.e. order specification)

AURY Africa (Pty) Ltd

Contact : SA

Active Ngwenya

Technical Support Manager

28 Fuchs Street
Alrode
Alberton
Gauteng

P: 011 026 6642
M: 083 657 2097
E Mail:
active@auryafrica.co.za

AURY
Africa (Pty) Ltd

Contact : SA

Syd Parkhouse

Technical Specialist and Sales

28 Fuchs Street
Alrode
Alberton
Gauteng

P: 011026 6642
M: 083 660 6078
E Mail: syd@auryafrica.co.za

AURY
Africa (Pty) Ltd