



**SRG METALCRAFTS (INDIA) PVT. LTD.**



# About Us



**SRG Metal Crafts (India) Pvt. Ltd.** an ISO 9001 : 2008 certified company is a private firm focusing on both producing and research of PU Elastomer. Owing to modern equipments and high-skillful technician, our firm can meet any special requirements from the customers. Our main products are as follows: PU Sieve Plates, PU Screens, PU Wear-Resistant Plates, PU Bars, PU Sheet Materials, PU Electric Lift Truck Tyres, PU Seal Rings and other PU Mechanical Fittings.

**SRG Metal Crafts (India) Pvt. Ltd.** (established in 1969) is one of the leading manufacturers of Industrial wire screen meshes having complete infrastructure under one roof to manufacture wide range of screen meshes like vibrating screen mesh, self cleaning harp mesh (with & without PU Strips), crimped wire mesh and perforated metal profiles are made as per IS specification in various metal like High carbon high tensile steel, Stainless Steel, MS and GI wire serving the needs of various Industries like Iron and Manganese ore Industries, Stone Crushing Industries, Sugar & Chemical Industries, Fertilizer Plants & Coal mines etc.

Believing that **“Honesty makes the brand ; quality wins the market”**, we win honour and recognition in the domestic market based on our good quality.

Following the principles of **“surviving with quality and developing credibility”**, we will do our best to supply products and service with the best quality.

## DETAILED PRODUCT DESCRIPTION

- **A wide range of hardness-** It also has rubber elongation and elastic under the high hardness. PU elastomer hardness in the range of shore A10-D80.
- **High intensity-** Their break strength, tear strength and load-bearing capacity are much higher than the generic rubber under the hardness of rubber. It's impact strength and bending strength is much higher than plastic's under high hardness.
- **Wear-resistance-** It has outstanding wear-resistance ie. 3-5 times higher than rubber in the general range of 0.01-0.10cm<sup>3</sup>/1.61km.
- **Oil-resistance-** PU elastomer is a high-molecule, and almost not eroded in oil.
- **Good absorber performance-** it functions a good vibration absorbing ability instead of rubber and spring mould makes.
- **Low Temperature -** PU has a unique property of maintaining lower temperatures.
- **Radiation- resistance-** PU have good performance in the 10-10 radiation.
- **Good cutting properties-** such as lathing, grinding and boring.
- Outstanding performance in Oxygen endurable and ozone-resistant.

# Dewatering PU Screen

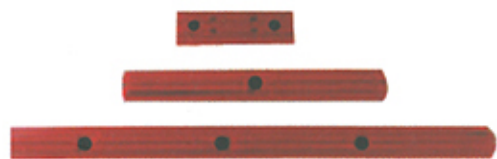
According to the structure of PU screen, we can divide it into 4 Styles: Setting type / Bolt link / Press bar coupling/Screen hook coupling.

Dewatering pu screen has the advantage of long service life, easily non-blocked, oil-resistance, waterproof, light weight, easy installation features etc.

Applicate on tailing dry dehydration vibration sieve machine, coal washing dehydration vibration sieve machine, various mining dehydration vibration sieve machine and for dewatering, recycling of other fine materials etc.

Slit length is 4-16mm, width is 0.1, 0.2, 0.3..., 2.0, 2.5mm etc.

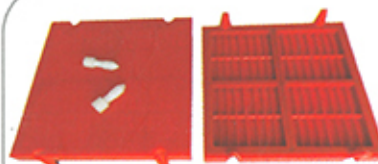
0.18 mm PU high-frequency fine screen plate



Rail Support type



305x305x30  
PU Dewatering  
Screen  
(Bolt Link Type)



305x305x30  
PU Dewatering  
Screen  
(Nylone Bolt Link Type)



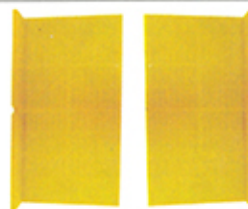
305x305x30  
PU Dewatering  
Screen  
(S.S. Bolt Link Type)



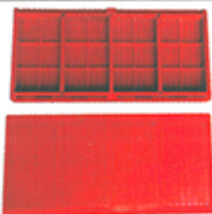
305x305x45  
PU Dewatering  
Screen  
(rail support type)



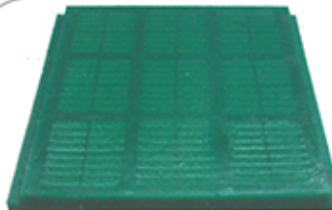
305x610x45  
PU Straight-joint  
screen/plate



305x610x30  
PU Dewatering  
Screen



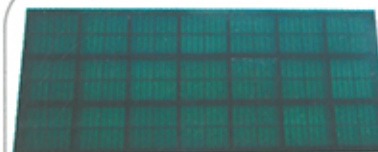
305x610x45  
PU Dewatering  
Screen



500x650x50  
Polyurethane  
dewatering  
screen

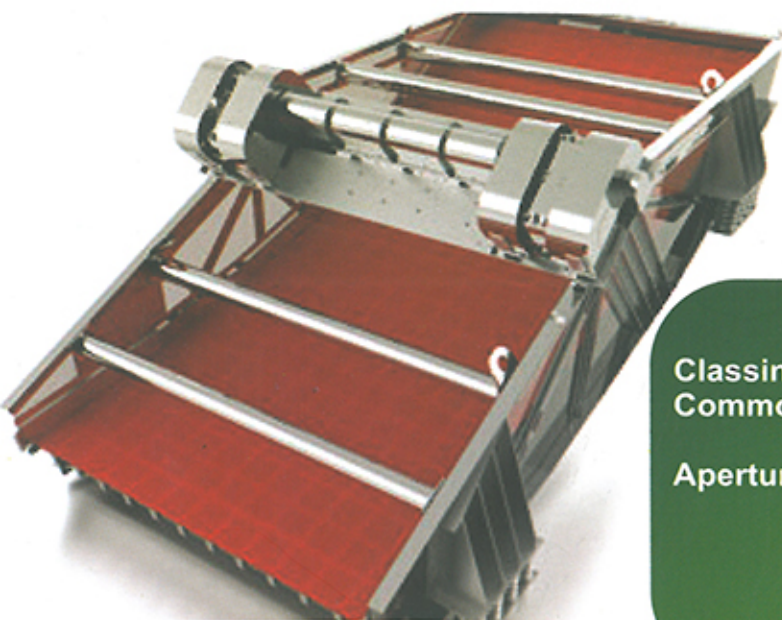


1200x305x30  
Polyurethane  
dewatering  
screen



1220x515x40  
Polyurethane  
dewatering  
screen





**Classing Grain Size: 0.1-150mm**

**Common hole: rectangular, square, round, narrow-pore**

**Aperture:** 0.08, 0.1, 0.2, 0.3, 0.5, 0.75, 0.8, 1, 2, 2.5, 3, 4, 5, 6, 7, 8, 10, 12, 15, 18, 20, 25, 30, 35, 40, 45, 50, 55, 60, 80, 90, 100, 120, 150mm

## FEATURES

1. SRG Screen can effectively absorb impact and reduce noise and improve the working environment. We manufacture great variety of PU screen with good quality.

2. Unique structure, It is appropriate and flexible plastic, it can reduce the card blocking and at the same time the second harmonic vibration frequency. The opening is at higher rate and highly efficient.

3. Sieve plate made by vertical & horizontal screen with 3-10 times higher wear-resistance PU material contained in article wire which is lighter than additional metal mesh.

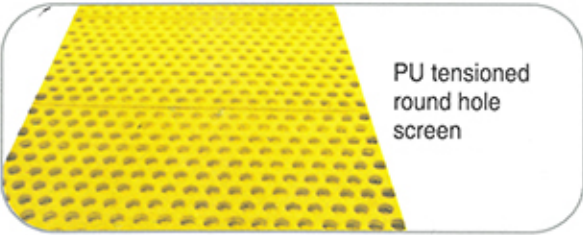
The varieties are PU Macro porous sieve/plate, PU needle-slot dewatering screen/ plate, PU straight - joint screen / plate, high - frequency fine draw screen, soft PU Screen etc.

The installation types include tensioned type, skeleton type, rose nail type, bolt link type rail support type, press bar type or steel skeleton, Profile Locking Bar etc.

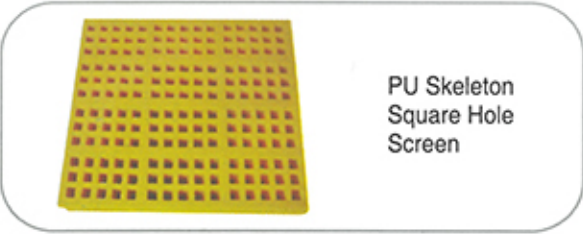
## USE OF THE PRODUCT

Colored and Black Metallurgy (iron ore, limestone, fluorite, cooling blast furnace slag, coke, and other raw materials), coal chemicals, building material, water and electricity projects, abrasive waste disposal, quarries and other industries materials washing, screening, grading and other industries. A variety of standard format and size of the new structure of the sieve plate model, particularly strong impact, hardness, high wear-resistance requirements of the occasion. Sieving in the iron ore, coal grade, gold, building materials, as well as water and electricity, nuclear power engineering, such as screening the gravel with wear-resistant plate.

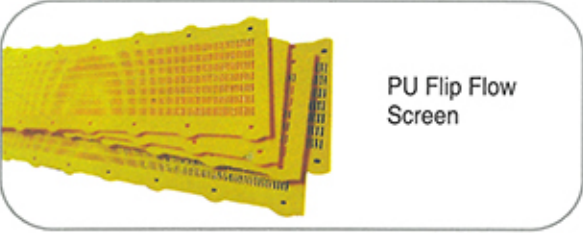




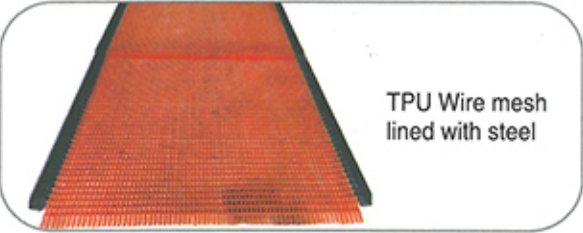
PU tensioned round hole screen



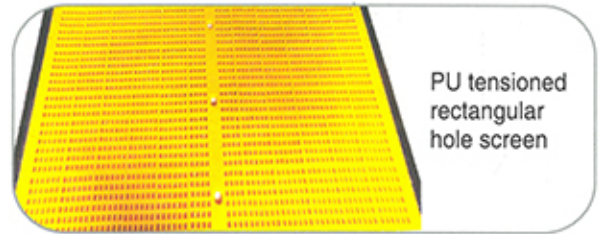
PU Skeleton Square Hole Screen



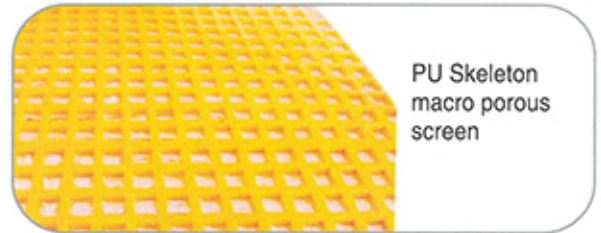
PU Flip Flow Screen



TPU Wire mesh lined with steel



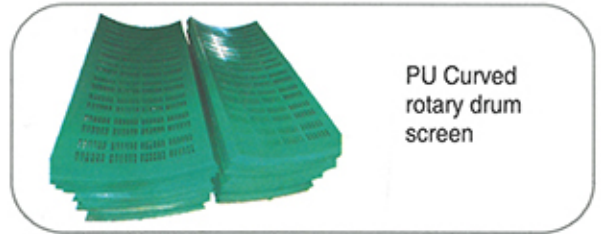
PU tensioned rectangular hole screen



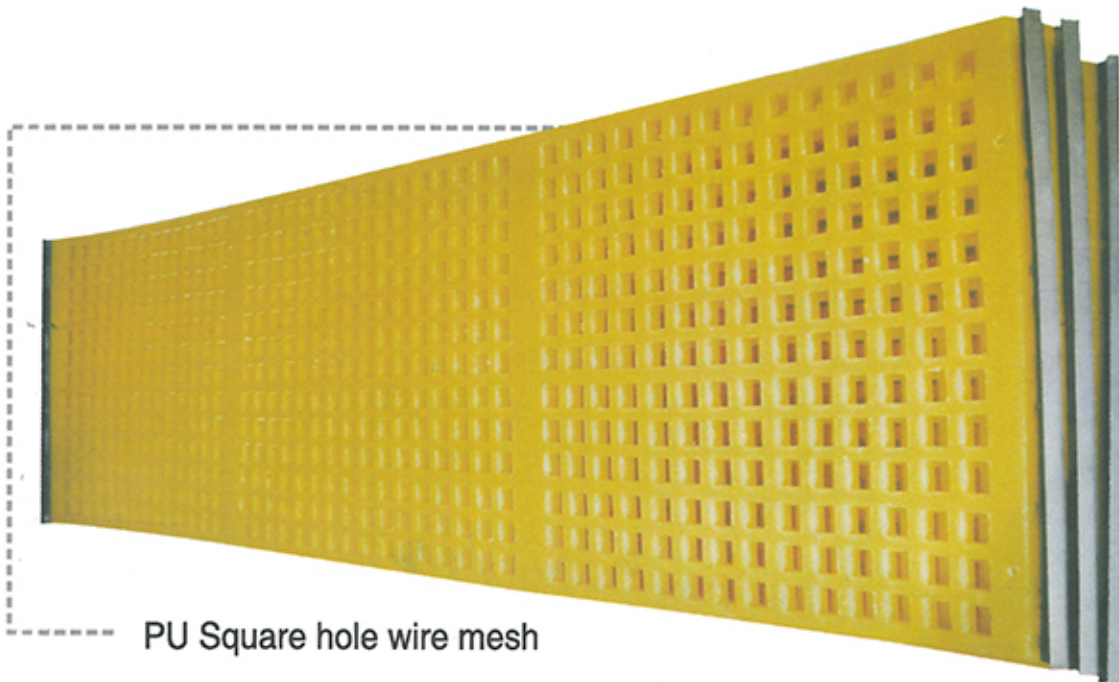
PU Skeleton macro porous screen



PU Flip Flop Screen



PU Curved rotary drum screen

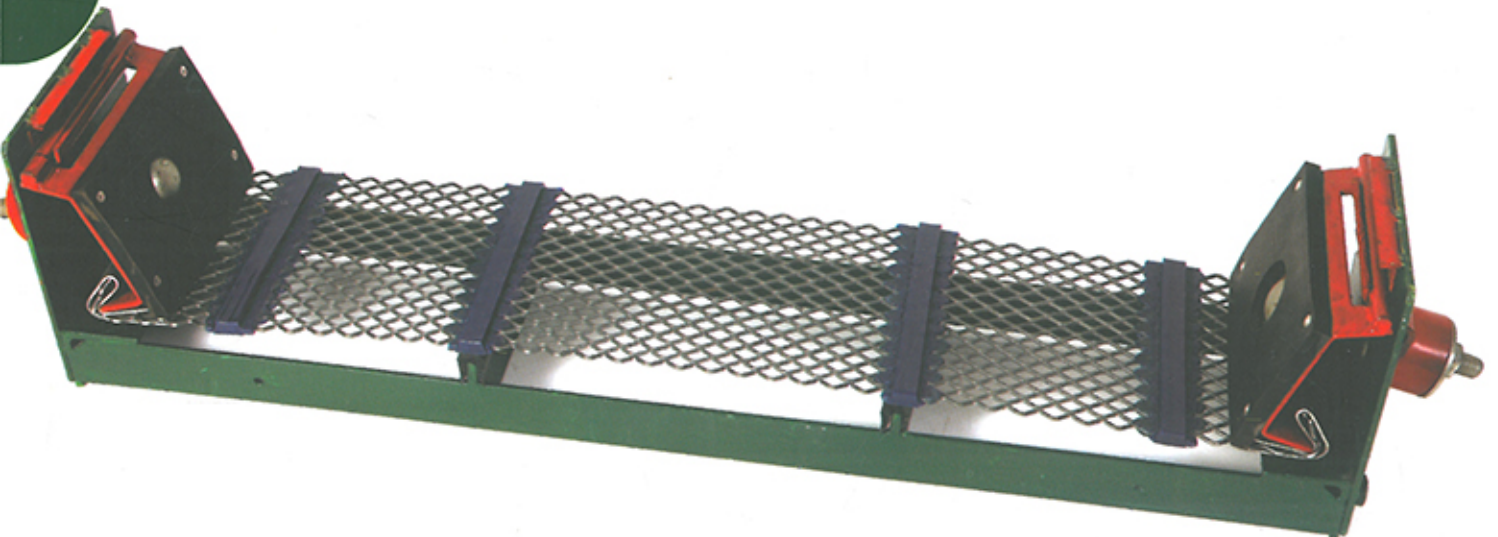
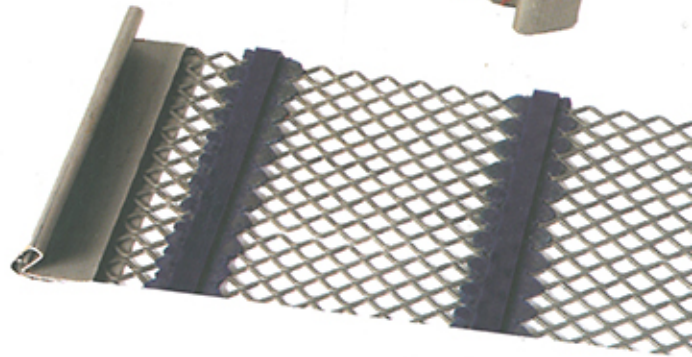
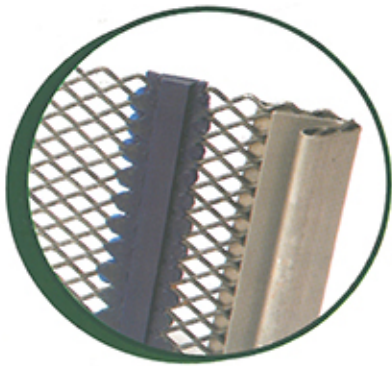
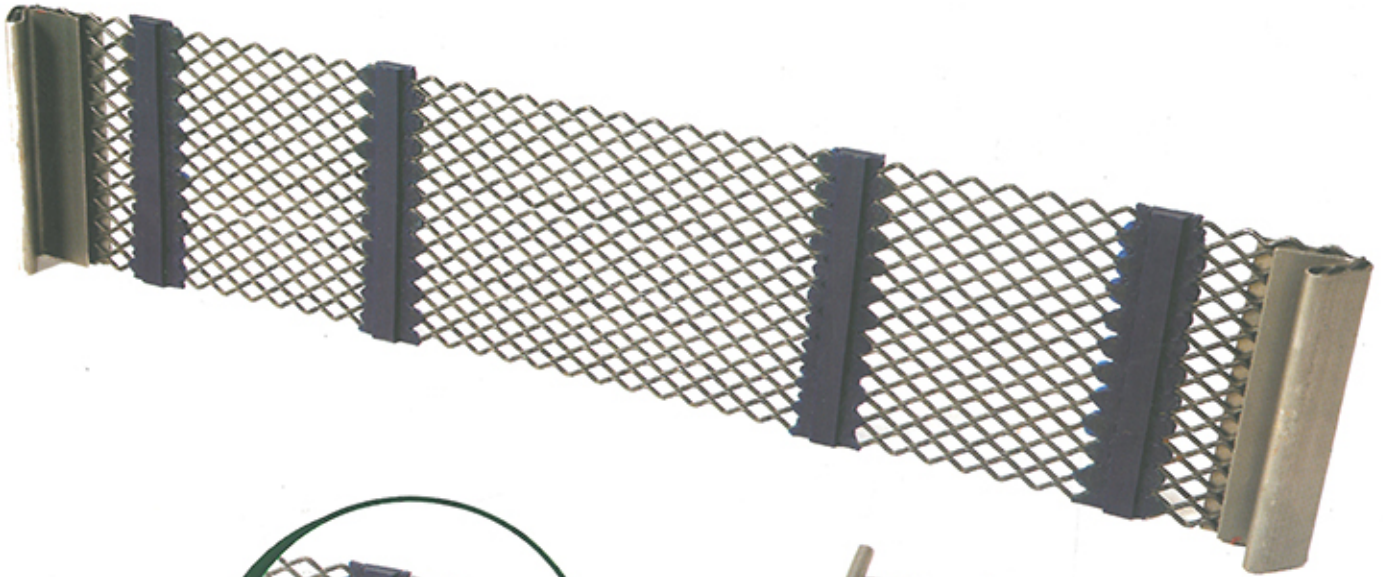


PU Square hole wire mesh



**VFS SELF-CLEANING** SRG wire screens are the latest and more & more popular screening medias used in applications where keen clogging and blinding problems must be solved regardless of the screening machine into which they are fitted, and tensioned to avoid crimped wires to part. These meshes are made up of precrimped wires held together by means of : Groups of cross wires spaced at intervals corresponding to the bucker bars positions in the screening machine, the cross wire are molded into rubber strips in most cases, rarely into PU (polyurethane) strips most up-to-date technology uses only PU strips

## VFS - Vibro Flex Screens

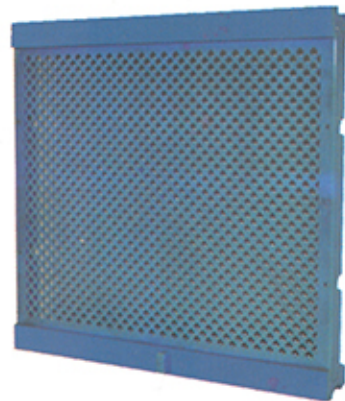




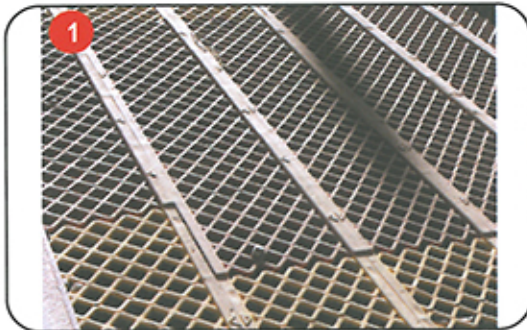
## Screens made from Stainless Steel Wire with Rubber & PU Profile



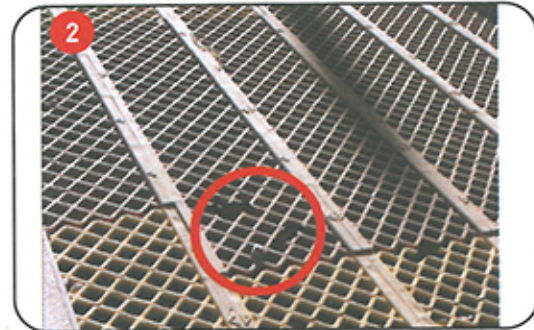
## Screens made from Polyurethane



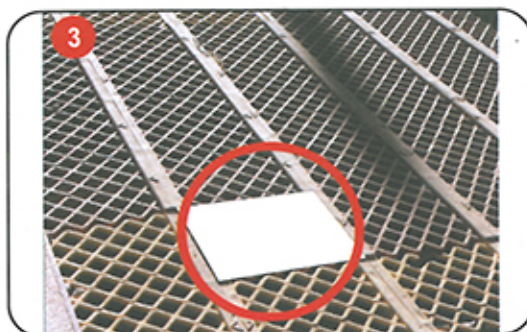
## Screens easy to Attach / Detach



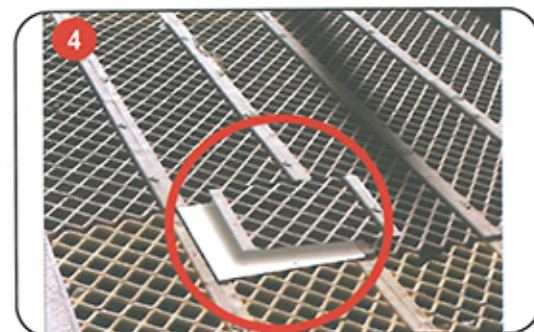
Screen Fitted on the Deck



Broken Part of the Screen



Removal of Broken Part.

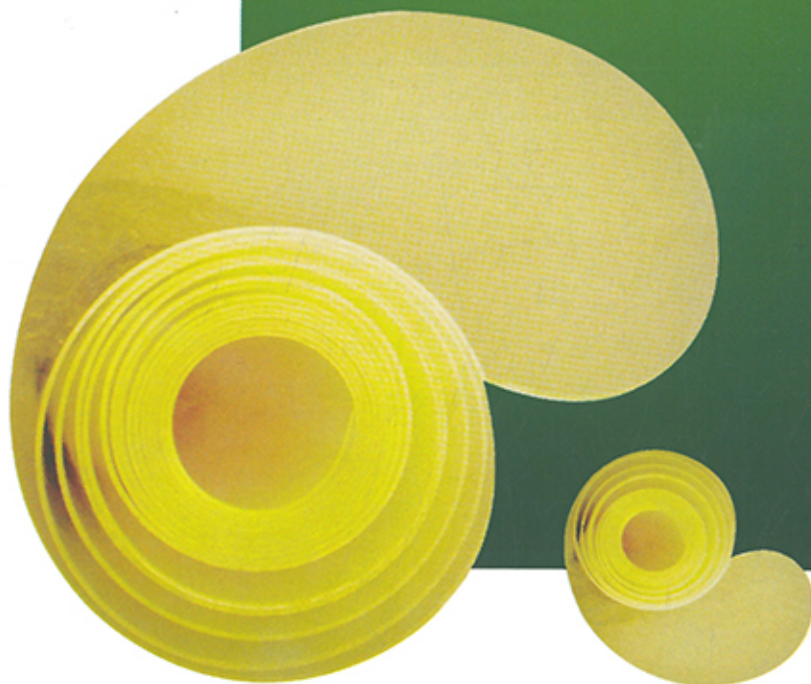


Replaced By New Screen



# PU Wear Plate

SRG PU fitting with wear-resistant, tearing resistance, large volume of load supporting, oil resistance, pressure resistance and long life.



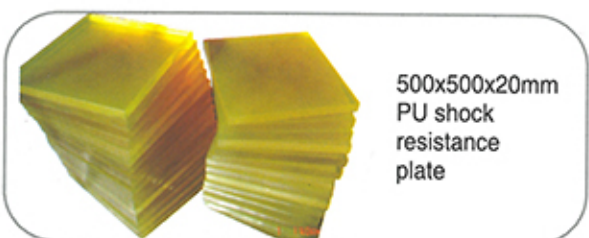
Polyurethane Sheet



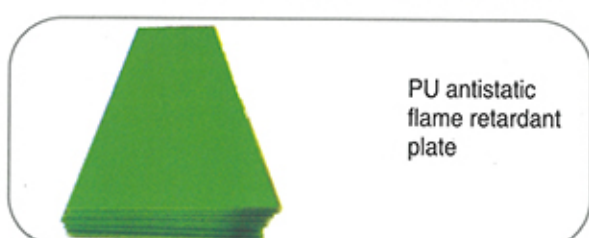
Polyurethane Cushion



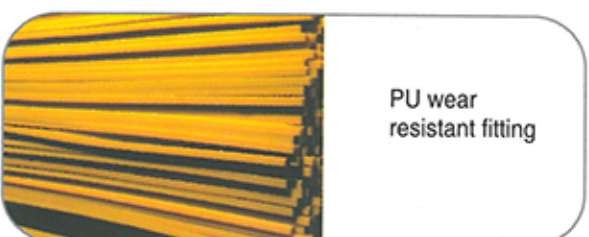
PU Wear-Resistant Fitting



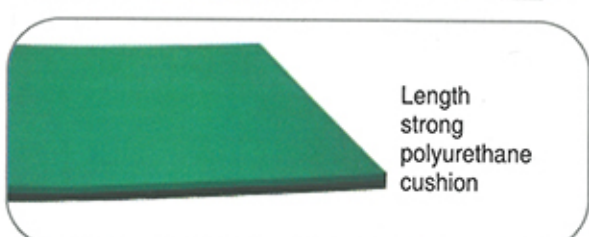
500x500x20mm  
PU shock  
resistance  
plate



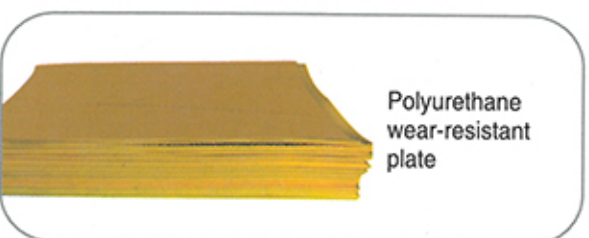
PU antistatic  
flame retardant  
plate



PU wear  
resistant fitting



Length  
strong  
polyurethane  
cushion

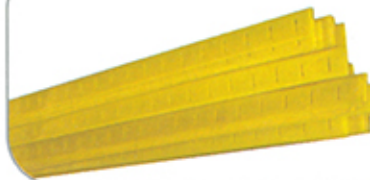


Polyurethane  
wear-resistant  
plate





Polyurethane Scraper



Food Machinery Scraper



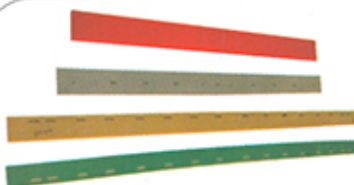
Polyurethane Scraper



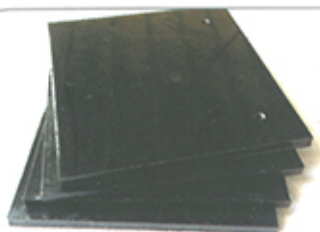
Snow Scraper



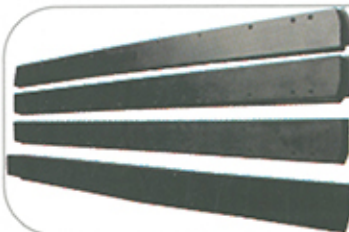
PU Scraper



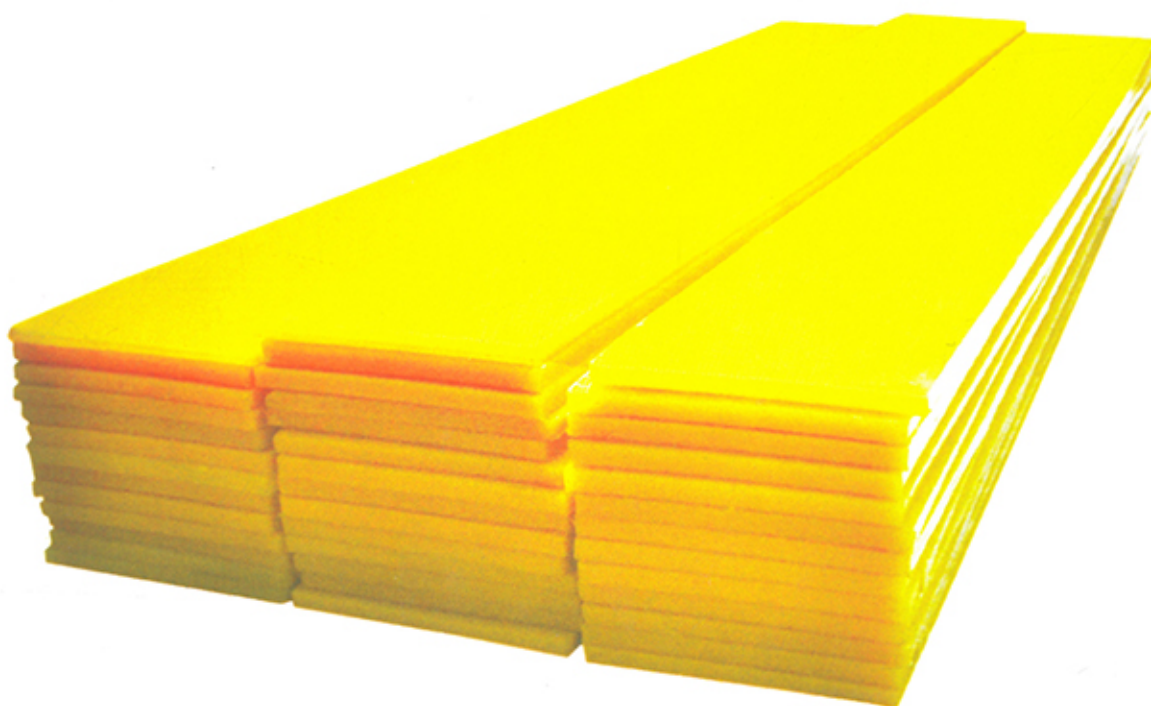
Polyurethane Watering Scraper



Road Roller Scraper

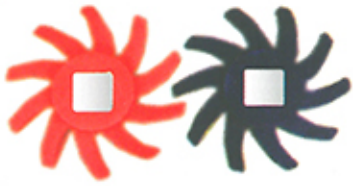


PU Scraper



Polyurethane Scraper





PU  
Impeller



PU  
Bushing



PU  
Spring



PU  
Bushing



PU  
Bushing



Boating  
Shell  
Bushing



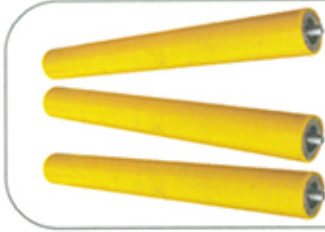
PU Mud Pump Pistons

**POLYURETHANE PARTS**





PU Wheel



PU Roller



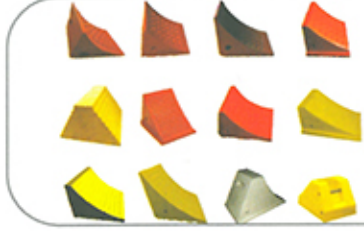
Four-hole board



PU Rods



PU Buffer Block



PU Wheel Chock



Polyurethane Axle





***SRG METALCRAFTS (INDIA) PVT. LTD.***

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