

# Conventional INAPRENE™ polyurethane screens with tension hooks

 **inelas**  
High Quality Polyurethane

**THE MOST DURABLE TENSIONED SCREEN ON THE MARKET**

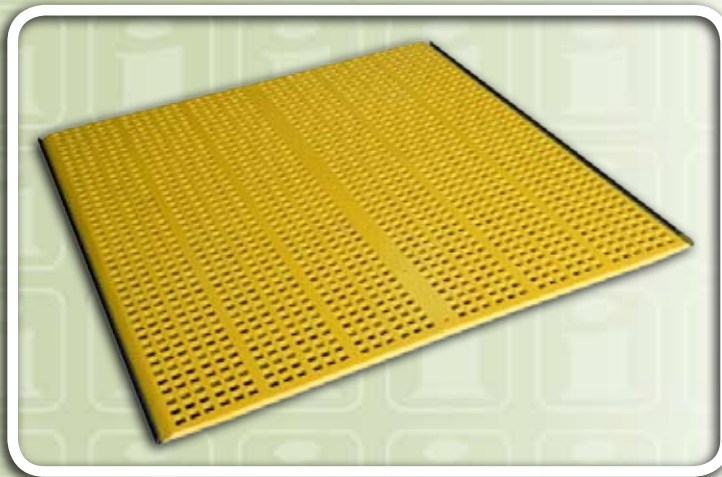
## DESCRIPTION:

Conventional INAPRENE™ polyurethane screens with tension hooks reinforced with inner steel cable.

## ADVANTAGES:

## APPLICATIONS:

- Aggregate and mineral processing and grading plants.
- Screeners (wet or dry method)



- ✓ Custom-made to fit screener. All options in widths, lengths, thickness, mesh sizes and hardness.
- ✓ Option of 2 different hardnesses to optimize duration and performance in the case of "large" mesh sizes.
- ✓ Option of very soft manufacture for dry applications (to minimize plugging).
- ✓ Option of custom-made blind zones in fall areas or those that have to withstand high impacts and/or abrasion, etc.
- ✓ Protection of screen's metal supports (to minimize wear)
- ✓ Additional accessories in INAPRENE™ polyurethane: centre anchor slats, lined side claws, bottom support moulding, water metering showers, etc.
- ✓ Extraordinary resistance to abrasion. High durability. Much superior to steel and rubber screens.
- ✓ High-precision screening.
- ✓ Excellent elasticity (self-cleaning effect), truncated pyramid-shaped perforations (taper) and low coefficient of friction (anti-caking). Low level of plugging, better than in steel and rubber screens.
- ✓ Highly resistant to impacts, shearing and tearing.
- ✓ Oxidation-free, minimization of corrosion.
- ✓ Easy and quick to mount. No modifications to the screener are required when fitting it in replacement of metal or rubber screens.
- ✓ Maintenance-free. This is a significant advantage in the case of bottom decks that are not easily accessible.
- ✓ Great noise reduction.

**inaprene**™



# inaprene<sup>TM</sup>

Polyurethane elastomer



INAPRENE<sup>TM</sup> is the generic trade name for the different polyurethane formulations that we produce.

Although the different formulations offer numerous options and great versatility, in general terms, the most significant properties are as follows:

OWN PRODUCTION

## PHYSICAL PROPERTIES



Extraordinary resistance to **abrasion**



Excellent **elasticity** even with high hardnesses and low temperatures



Good **tensile strength**, tear strength and shear strength



Great **load capacity**

## CHEMICAL PROPERTIES



Good stability in relation to **hydrolysis**, **weathering**, **ozone** and **microorganisms**



Good behaviour in the presence of **many diluted acids**, **oils**, **petrol**, etc.



Excellent **adherence to metals** in its manufacturing process



Great **chemical versatility** to optimize performance in numerous applications

