

INAPRENE™ polyurethane screening mats (type B) for special screeners.


High Quality Polyurethane

DESCRIPTION:

B-type INAPRENE™ polyurethane mat for special screeners at recycling plants.

APPLICATIONS:

- Glass recycling
- Plastics recycling
- Rubbish recycling
- General waste recycling



A GREAT SOLUTION FOR RECYCLING



ADVANTAGES:

- ✓ Extraordinary resistance to abrasion. Very durable
- ✓ Excellent elasticity (self-cleaning effect, truncated pyramid-shaped perforations (taper) and low coefficient of friction (anti-caking). Very low level of plugging.
- ✓ Highly resistant to shearing and tearing.
- ✓ High stability with regard to hydrolysis (air humidity), weathering, ozone and microorganisms. Very good resistance to ageing.
- ✓ Excellent general behaviour in the presence of oils, hydrocarbons, solvents, acids and bases.
- ✓ Oxidation-free and minimization of corrosion.
- ✓ High-precision separating of fine products or products that are difficult to screen.
- ✓ High-performance screening of damp products combined with mud and clay.
- ✓ Elimination of dust in granulated products
- ✓ Easy to remove long particles and filaments
- ✓ Easy and quick to mount without screws (anchoring profiles available)
- ✓ Very lightweight
- ✓ Minimization of noise.
- ✓ Customer-made. Maximum length 2,700 mm. Standard widths 328 mm and 250 mm. Cut between 2 and 80 mm.

inaprene™



inapreneTM

Polyurethane elastomer



INAPRENETM 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

