

INAPRENE™ polyurethane sheet + deployé metal mesh plate.

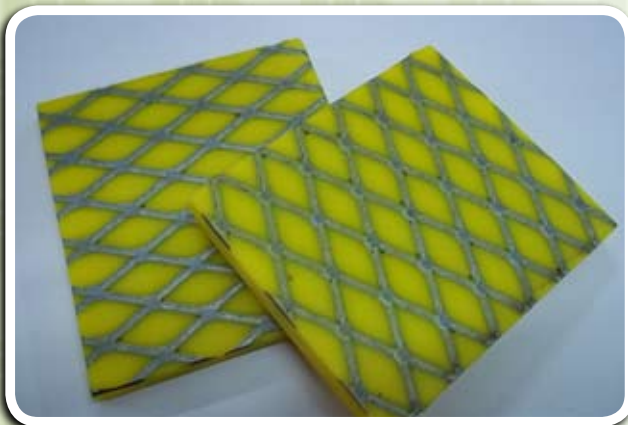

High Quality Polyurethane

DESCRIPTION:

INAPRENE™ polyurethane sheet with diamond-pattern, 13.30.25.15 deployé metal mesh reinforcement, with high mechanical resistance and lightweight.

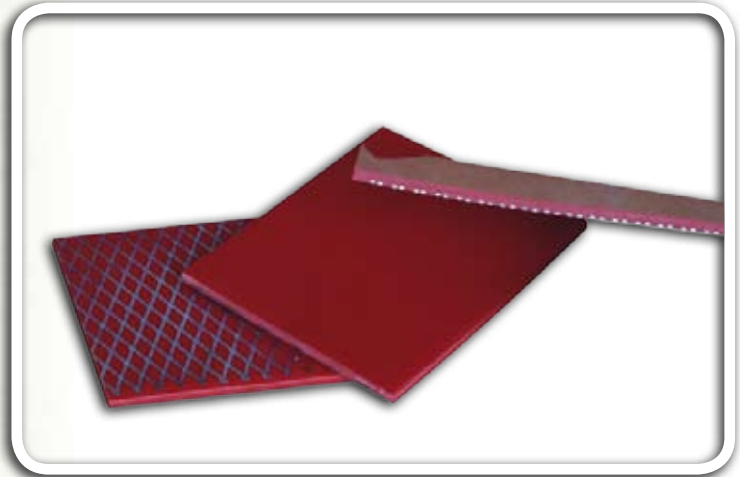
APPLICATIONS:

For lining bins or hoppers, guttering, pipes, bends and, in general, any items and/or machinery that is subject to wear.



Also available: INAPRENE™ polyurethane sheet without reinforcement and INAPRENE™ vulcanized polyurethane sheet on steel plate.

LINING = SAVING



ADVANTAGES:

- ✓ Extraordinary resistance to abrasion. Extremely durable.
- ✓ High resistance to impacts, shearing and tearing.
- ✓ Excellent elasticity.
- ✓ Low coefficient of friction (anti-caking).
- ✓ 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.
- ✓ Lightweight. Extraordinarily easy to mount (minimum number of screws required).
- ✓ Easy to cut.
- ✓ Reduces noise considerably
- ✓ Wide range of hardnesses and colours
- ✓ Special manufacture of INAPRENE™ FDA for food contact use.
- ✓ Standard manufacture 3,000 x 1,200 mm and from 6 mm thick.





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

