

Steel plate + INAPRENE™ polyurethane



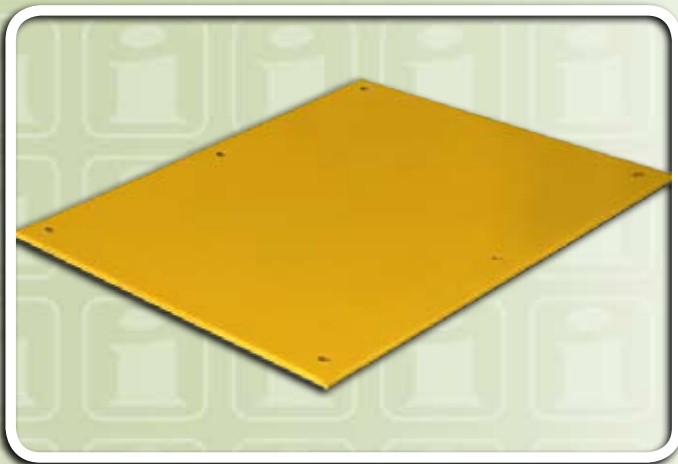
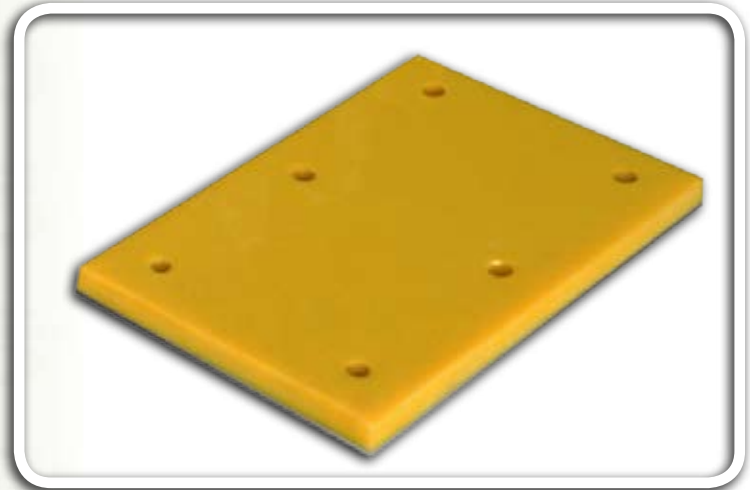
LINING = SAVING

DESCRIPTION:

INAPRENE™ polyurethane sheet reinforced with steel plate.

APPLICATIONS:

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



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.
- ✓ Easy, manual, screw fitting. Minimum number of screws required for optimum anchoring.
- ✓ Can be shaped in bending or folding machine.
- ✓ Reduces noise considerably.
- ✓ Wide range of hardnesses and colours.
- ✓ Special manufacture of INAPRENE™ FDA for food contact use.
- ✓ Custom-made, ready-to-fit with required bends and holes (from 4 mm thickness, standard 2,000 x 1,000 and 3,000 x 1,500 mm).

Also available: Inaprene™ polyurethane sheets without steel plate and Inaprene™ polyurethane sheet with inner metal mesh (deployé).



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

