

# INAPRENE™ polyurethane sheet.



**LINING = SAVING**

## DESCRIPTION:

INAPRENE™ polyurethane sheet without reinforcement.

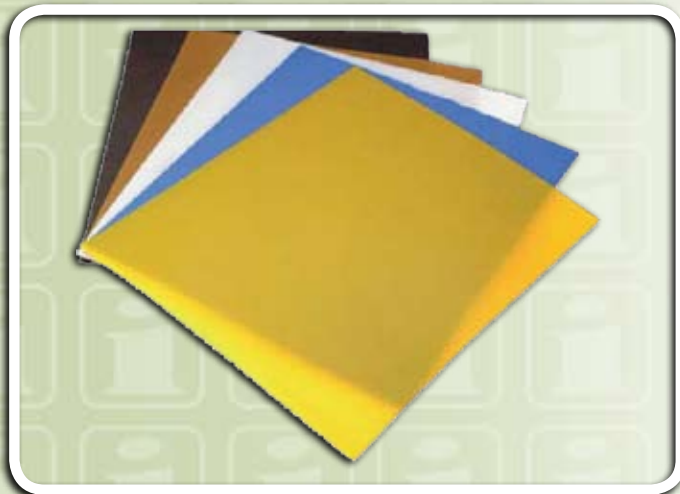
## APPLICATIONS:

For lining bins or hoppers, guttering, pipes, bends and, in general, 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.
- ✓ Lightweight. Easy to mount (screw fit).
- ✓ Easy to cut.
- ✓ Reduces noise considerably
- ✓ Wide range of hardnesses and colours
- ✓ Special manufacture of INAPRENE™ FDA for food contact use.
- ✓ Custom-made (from 0.5 mm thickness, and maximum of 6,000x2,000mm; standard 2,000 x 1,000 and 3,000 x 500 mm)



*Also available: INAPRENE™ vulcanized polyurethane sheet on steel plate or INAPRENE™ polyurethane sheet with inserted metal mesh (deployé).*



# 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

