



# PLANIX™ PX01

## Composition

PLANIX™ PX01 thermal-insulating cardboard sheets are exclusively formulated with asbestos-free and ceramic-free material, ensuring safety and compliance with regulations. The composition with heat-resistant fibers gives the asbestos-free cardboard PX01 high resistance to high temperatures.

## Characteristics

PLANIX™ PX01 asbestos-free cardboard is characterized by distinctive physical properties and exceptional resistance to temperature and thermal insulation. These qualities make it particularly suitable for cutting gaskets in high-temperature environments, such as steel mills and foundries.

## Applications

PLANIX™ PX01 insulating cardboard is used to create gaskets intended for high-temperature insulation and is suitable for use in industrial burners and boilers. Its versatility makes it a reliable choice in sectors that require high-level thermal performance and insulation.

## Tech Data

Properties	Unit	Value
Colour	--	Beige
Specific gravity	g/cm <sup>3</sup>	1,05 +/- 0,05
Tensile strenght	MPa	3,5
Weight Loss (800°C)	%	15
Compressibility	%	10
Recovery	%	30
Thermal conductivity	W/mK	0,12
Minimum Temperature	°C	-25
Maximum Temperature	°C	+800
Standard size (+/- 10%)	mm	1000x1000
Thickness	mm	2,3,4,5,6,8,10,12



## Planix™ PX01

The range of sheets and rolls for gaskets by PLANIX™ offers a diverse selection of materials, including various types of rubber, mica, thermal-insulating cardboard, and GRE. The thermal-insulating cardboard sheets PX01 are entirely made of asbestos-free and ceramic-free material. The asbestos-free cardboard PX01 is manufactured with heat-resistant fibers. Its physical characteristics and high resistance to temperature and thermal insulation make it particularly suitable for cutting gaskets for use in steel mills, foundries, and wherever advanced insulation capabilities are required.



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