



# PLANIX™ PX04 FLEXOID™

## Composition

Planix™ PX04 FLEXOID™ stands out for its unique composition, based on cellulose impregnated with plasticized gelatin. This combination gives the product properties that make it ideal as a gasket for both initial assembly and aftermarket use. Its robust structure makes it a preferred choice in the automotive industry for applications such as carburetor gaskets, fuel pump, oil pump, covers, thermostat, water pump, transmission, and gearbox.

## Characteristics

Planix™ PX04 FLEXOID™ is known for its resistance to oils, fuels, gasoline, gas, water, antifreeze, greases, solvents, and kerosene. Its versatility and adaptability make it a cost-effective and durable choice for a wide range of automotive applications.

## Applications

This product is widely used in the automotive industry for gaskets in various parts of the vehicle, including the carburetor, fuel pump, oil pump, covers, thermostat, water pump, transmission, and gearbox. Its resistance to various agents makes it ideal for both initial assembly and the aftermarket.

## Tech Data

Properties	Unit	Value
Colour	--	Beige
Moisture content - 15 min @ 100°C	%	8 ÷ 14
Thickness - ASTM F104	mm	+/-10%
Compression - ASTM F36	%	25-40
Recovery - ASTM F36	%	40 min
Tensile Strength - ASTM F152	MN/m <sup>2</sup>	13.79
Working Temperature	°C	-40 ÷ 120
IRM 903 Oil weight increase - ASTM F146	%	15 max
IRM 903 Oil thickness increase - ASTM F146	%	5 max
Fuel B weight increase - ASTM F146	%	15 max
Fuel B thickness increase - ASTM F146	%	5 max
Water weight increase - ASTM F146	%	90 max
Water thickness increase - ASTM F146	%	30 max
Dimensions		
Roll length		Nominal +/- 1%
Roll width for thickness 0.15-0.80 mm		1000-1050 mm
Roll width for thickness 1.00-6.40 mm		1000 +/-5mm
All properties base upon 0.80 mm material refer to ASME F104 section 7		

- Do not use the product at maximum temperature values and for uses at pressures higher than those typical of the Flue Gases. Consult the manufacturer for further information.



## Planix™ PX04 FLEXOID™

The range of sheets and rolls for gaskets by Planix™ is enriched with the Planix™ PX04 FLEXOID™ model, a versatile material that combines rubber with other elements such as mica, thermal insulating cardboard, and GRE. Planix™ PX04 FLEXOID™ is a reliable solution made with cellulose impregnated with plasticized gelatin.



The information in this publication and otherwise provided to users is based on experience and is provided to the best of our current knowledge. Due to many factors which are beyond our knowledge and control affecting the use of the products, no warranties are given or are to be held implied with respect to such information. The operating limits shown in this publication do not constitute a statement that these values can be applied simultaneously. Do not use the product at the associated maximum temperature and pressure values. The maximum temperature can be sustained for short exposures in particular conditions. Specifications are subject to change without notice.



**Carrara S.p.A.**,  
Via Provinciale 1/E - 25030 Adro - BS - Italia  
tel. +39 030 7451121 / fax +39 030 7451130  
[www.carrara.it](http://www.carrara.it) - [info@carrara.it](mailto:info@carrara.it)