



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
Material	--	FLEXOID
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 Strenght - ASTM F152	MN/m2	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 section7		

- Do not use the product at maximum temperature values or under pressures higher than those typical of flue gases. Consult the manufacturer for further information.



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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, as well as any additional information provided to users, is based on experience and is shared to the best of our current knowledge. However, due to numerous factors beyond our knowledge and control that may affect the use of these products, no warranties are provided or implied regarding this information. The operating limits presented in this publication do not imply that these values can be applied simultaneously. Do not use the product at the maximum temperature and pressure values simultaneously. The maximum temperature is suitable only for short-term exposure under specific conditions. Specifications are subject to change without prior notice. The picture in the DS may not accurately depict the exact color and/or markings of the product.



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