



PLANIX™ PX03 70SH

Composition

The EPDM (Ethylene-Propylene Diene Monomer) found in sheets and rolls for gaskets by Planix™ is a family of synthetic rubbers classified under group M according to DIN/ISO 1629. Its unique composition provides resistance to heat, atmospheric agents, aging, and seawater, making it an ideal material for applications requiring high performance in adverse environmental conditions.

Characteristics

Planix™ EPDM rubbers stand out for their exceptional resistance to heat, atmospheric agents (UV rays), aging, and seawater. These features make them ideal for situations requiring significant ozone resistance and temperature variations. Seals made with EPDM are particularly recommended for contact with low-concentration acids and solvents.

Applications

Planix™ EPDM is recommended for a wide range of applications, thanks to its properties of thermal resistance, resistance to atmospheric and chemical agents. It is particularly suitable for seals in contact with low-concentration acids and solvents, offering reliable performance even in challenging environmental conditions.

Tech Data

Properties	Unit	Value
Colour	--	Black
Specific gravity	g/cm ³	1,30 +/- 0,05
Tensile strenght	MPa	5,0
Elongation at break	%	300
Tear resistance	MPa	15
Hardness	Deegres	70 +/- 5 SH
Compression Set (22 hrs at 70°C)	%	35
Temperature	°C	-40 to 120
Dimensions		
Width (+/- 5%)	mm	1000 to 1500, related to the thickness
Lenght (+/- 5%)	m	1 to 10, related to the thickness
Thichness (+/- 5%)	mm	1 to 50

- Never use the product to the maximum temperature and pressure associated. Consult the manufacturer for further information
- Other gasketing sheet dimensions and thicknesses are available on request



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The range of sheets and rolls for gaskets by Planix™ offers a wide selection of materials, including various types of rubber, mica, thermal-insulating cardboard, and GRE. EPDM (Ethylene-Propylene Diene Monomer) is a family of synthetic rubbers classified under group M according to DIN/ISO 1629. Due to their resistance to heat, atmospheric agents (UV rays), aging, and seawater, EPDM rubbers are recommended where excellent ozone resistance and thermal excursions are required. They are particularly suitable for seals in contact with low-concentration acids and solvents.



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