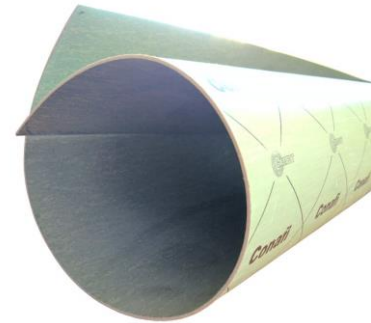


Conafi General Purpose Gasket Sheet is a versatile type of gasket fibre made from mineral and aramid fibres bound with an NBR (nitrile butadiene rubber) binder. These are compressed and calendared to create a tough, long lasting gasket paper capable of use in a variety of domestic and industrial sealing applications

Conafi is high compatible with water, steam, fuels, oils, natural gas, salts, alkalis and weak acids or base solutions. It is able to withstand temperatures up to 220°C and has been certified by a number of international accreditation bodies including DVGW (gas), KTW (potable water), INIG and Germanisher Lloyd (for marine sealing).



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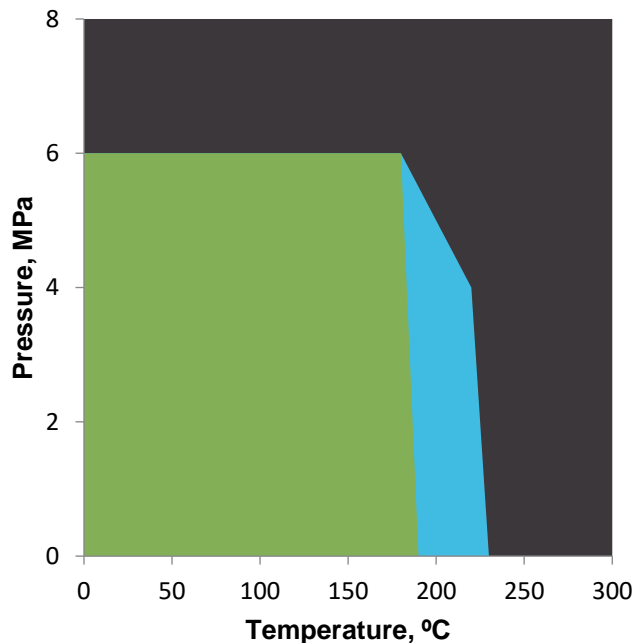
Applications

- Gaskets for water pipes and flanges
- Marine gaskets
- Sealing gas lines
- Chemical sealing
- Tank gaskets
- Automotive gaskets
- Sealing strips for elevated temperatures
- Sealing oils and petroleum fluids

Conafi Pressure vs Temperature Performance

Like most gasket sheets, Conafi's performance characteristics are defined by a relationship between the pressure being sealed and the temperature of the application.

The diagram on the right details the maximum pressure the material may be called on to seal depending on the temperature and vice versa.



- Conafi is normally suitable, subject to chemical compatibility.
- For steam applications, a technical evaluation is suggested.
- Limited application, do not install without a technical evaluation.

Important

The values listed here and the information presented should not be treated as a substitute for specific technical advice. We cannot warrant the products performance or suitability for particular applications.

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Technical Details

Colour	Green	
Compressibility (ASTM F 36, 34.58MPa)	11.7%	
Recovery (ASTM F36, 0.69MPa)	58.8%	
Density (ASTM F1315)	2.0gm/cm ³	
Creep Relaxation (ASTM F38)	20.3%	
Tensile Strength (ASTM F152)	Across Fibre	7.6 MPa
	Along Fibre	21.9 MPa
Immersion in Oil (IRM 903) 5 hours / 150°C	Thickness Change	2%
	Decrease in Tensile	0.8%
	Thickness Increase	0.7%
Immersion in Oil (IRM 903) 48 hours / 40°C	Weight Increase	0.8%
	Compressibility	11.8%
	Recovery	54.9%
Immersion Fuel B 5 hours / 23°C	Thickness Increase	3.3%
	Weight Increase	1.9%
Maximum Continuous Operating Temperature	220°C	
Minimum Continuous Operating Temperature	-30°C	
Maximum Continuous Operating Pressure	6 MPA	
Calculation Coefficients	ASME, UDT, EN13555	
Relevant Standards	FA-AM1-O to DIN28091-2 BS7531 Grade Y	

Approvals and Certifications

DVGW	KTW	INIIG
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Germanischer Lloyd

Values listed are typical unless otherwise noted. This is a general guide and should not be the sole means of selecting this material.

Available Sizes, Forms and Styles

Conafi General Purpose Gasket Sheet is available in a selection of thicknesses and sheet sizes. Standard include...

Available Thicknesses

- 0.8mm
- 2mm
- 5mm
- 1.5mm
- 3mm

Standard Sheet Sizes

500mm / 500mm or 1550mm / 1550mm square sheets.

Custom Sizes

If the size you require for your job isn't listed here please don't hesitate to let us know. Other sizes (including cut shapes) can be arranged on request.

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