



AFG®

new line of sealing sheets

for the sealings of industrial applications

AFG-400 XT®

Fibre-gum sealing sheet



Sheet description	A unique sealing sheet is made of aramid fibers, special additives combined with high-quality HNBR, which achieves extraordinary properties, such as long life, maintaining the flexibility of the material at high temperatures, in combination with improved chemical resistance.
Area of use	Sealing material suitable for water, oil, petrol, steam, hydrocarbons, solutions of organic and inorganic acids, coolants and lubricants. Sealing material suitable for the highest pressures and temperatures.
Certificates	TA Luft

Max. Temperature	short-term	°C	+450
	long-term	°C	+400 (steam +350)
Max. Pressure		Bar	130

AFG-330 MT®

Fibre-gum sealing sheet



Sheet description	Ecological sealing material protects the environment with excellent resistance in the area of steam of higher parameters. The sheet contains a high-quality mixture of aramid and mineral fibers connected by NBR rubber.
Area of use	The sealing sheet is, by its composition, suitable above all for applications in the area of steam. It has a wide range of applications for sealing water, oils, cooling liquids and basic chemicals in the petrochemical industry.

Max. Temperature	short-term	°C	+450
	long-term	°C	+330 (steam +250)
Max. Pressure		Bar	120

AFG-250 ST®

Fibre-gum sealing sheet



Sheet description	Flexible sealing sheet resistant to brittleness with excellent properties and chemical resistance.
Area of use	The sealing sheet is especially intended for water, steam, in the area of power plants, municipal waste and in heating systems. Resistant to oil, gas and cooling liquids, therefore it is also suitable for sealing engines.
Certificates	Germanischer Lloyd, GOST

Max. Temperature	short-term	°C	+320
	long-term	°C	+250 (steam +220)
Max. Pressure		Bar	100

AFG-150 LT®

Fibre-gum sealing sheet



Sheet description	The sealing sheet is made of organic fibers connected by NBR.
Area of use	The sealing sheet has a wide area of use in all branches of industry with the lowest parameters. Sealing sheet suitable for water, steam, gases, oils and basic chemicals.
Certificates	Germanischer Lloyd, KTW, GOST, PZH Poland

Max. Temperature	short-term	°C	+210
	long-term	°C	+150 (steam +120)
Max. Pressure		Bar	+40



GRAPHITE SEALING SHEETS

AFG-500 HP® Graphite sealing sheet



Sheet description	Premium graphite sheet with a high content of expanded graphite, without additional fillers and reinforced with several spiked stainless steel inserts.
Area of use	The sealing sheet AFG-500 HP® is intended for the most demanding applications, where high thermal resistance of the material is required, combined with high pressures, even under changing working conditions. Due to the premium quality of the graphite, the sheet is intended for highly stressed flange connections and devices in the area of steam and strong chemicals. Due to the improved sealing effect, it reduces the share of fugitive air emissions.
Certificates	TOTAL

Max. Temp.	°C	-200 / +550
Max. Pressure	Bar	300

AFG-500 HT® Graphite sealing sheet



Sheet description	High-quality and most widely used sealing sheet made of expanded natural graphite reinforced with a spiked stainless steel insert.
Area of use	The sealing sheet AFG-500 H is intended for standard applications with a high temperature range and wherever high resistance to chemicals is required. Due to high-quality graphite with the minimum content of 99% and stainless steel sheet resists changes in pressure for a long time, and is therefore suitable for extreme conditions of steam distribution and pipes. Due to its unique composition and BAM certificate, the sheet is also suitable for oxygen tanks.
Certificates	DVGW, FIRE SAFE, BAM

Max. Temp.	°C	-200 / +550
Max. Pressure	Bar	200

AFG-500 UF® Graphite sealing sheet



Sheet description	Universal flexible graphite sheet with several layers of graphite, coated with a thin protective polymer film on both sides.
Area of use	The sealing sheet AFG-500 UF® is due to its unique structure suitable for applications where thermal and chemical resistance is required. The polymer foil effectively prevents scratching and is also fully "anti-stick". The sheet offers not only easy processing but also the possibility of cutting with scissors. When using thin-walled gaskets, the lining material does not disintegrate, which is why it is suitable also for service interventions directly at the operation sites.

Max. Temp.	°C	-200 / +450
Max. Pressure	Bar	100

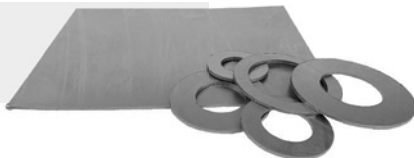
AFG-500 NI® Graphite sealing sheet



Sheet description	Graphite sealing sheet reinforced with smooth nickel foil.
Area of use	The sealing sheet AFG-500 NI® is intended for applications with high temperatures and pressures, and everywhere where higher chemical resistance is required. The advantage is simple manual processing (even with a knife).

Max. Temp.	°C	-200 / +550
Max. Pressure	Bar	150

AFG-500 AL® Graphite sealing sheet



Sheet description	Graphite sealing sheet reinforced with smooth aluminum foil.
Area of use	The sealing sheet AFG-500 AL® is intended for moderately demanding temperature and chemical applications. The natural texture and adaptability of the material predetermines the use of the sheet on damaged and corroded holes. It is suitable for simple manual processing (even with a knife).

Max. Temp.	°C	-200 / +550
Max. Pressure	Bar	100





AFINIS Group s.r.o.
Žitná 1, 831 06 Bratislava

Trade Center
+421 2 491 048 20-24

AFINIS Point – Retail Shop
+421 2 491 048 25

info@afinis.sk

www.afinisgroup.sk
www.autokozmetika.sk
www.nextzett.sk

 **@afinisgroup**