

OUR SERVICES

Technical assistance
Personnel training
LDAR services (leak, detection and repair)
Mechanical processing
Microplasma welding, TIG and butt joint welding
Water jet cutting
Galvanic coating
Thermic treatment
Die cutting and stamping
Valve repairing

INDUSTRIES

Energy
Chemical and Petrol-chemical
Oil & Gas
Food
Pharmaceutical
Metal
Auto
Pulp & Paper
Naval
Construction

CERTIFICATIONS

TA-LUFT certifications
ISO 9001-2008
ISO 14001-2005
ISO 18001-2008

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GRAFEX®



GASKETS AND SEALING PRODUCTS
MANUFACTURER

30.725 projects
successfully managed

680 active clients
(from Romania and abroad)

5.671.067 gaskets manufactured
since 1996

From small family business to Romania's leading manufacturer and supplier of sealing products.

OUR HISTORY

20 years ago, in Ploiesti (city situated 60 km away from the Romanian capital – Bucharest), a small family decided to use their academic expertise and invest in what, nowadays, is the leading Romanian manufacturer and supplier of non-asbestos sealing products for all types of applications, from the most common ones to the nuclear industry.

ENVIRONMENT-FRIENDLY

The materials that we use in the process of manufacturing our products are 100% eco-friendly, thus helping us reach the highest level of environmental protection standards (e.g: expanded graphite, PTFE products, mineral/ synthetic/ organic fibers, etc).

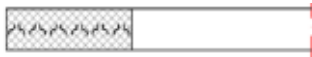
ADAPTABLE

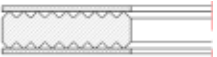
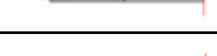
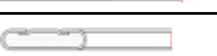
The development of the company is based on the knowledge and expertise in this specific domain, as well as on the constant will to manufacture customized products according to the specifications of each application.

INNOVATIVE AND SUSTAINABLE

Our goal is not only to offer you innovative and quality products and services, but we are also focused on developing long-lasting business relations with our partners in the spirit of sustainable development.

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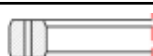
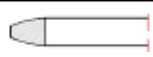
Elastomer gasket	NR / NBR / SBR / EPDM / HNBR	Elastomer items include gasket sheets and products manufactured according customer drawings by vulcanisation, extrusion or cutting.	- T<200°C; - p<10 bar;
Compressed non-asbestos fiber	AF 302 / AF 200U / AF Oil / AF 400	These products are composites of top quality aramid fibre, specially composed inorganic fibers and fillers, as well as elastomers selected for specific working conditions.	- T<350°C; - p<100 bar;
PTFE	T1000 / T75GS / T85GLS	PTFE is mainly used for its highly remarkable chemical resistance, both in the food and pharmaceutical industries. Sintered or expanded PTFE is used for many applications that require sealing, products include cut gaskets, compressor segments, seat valves, stuffing box sealing, guiding rings, "O" rings, self adhesive tape.	- T<260°C; - p<64 bar;
Expanded PTFE	TE11 / TE33 / TE50		- T<260°C; - p<85 bar;
Flexible graphite sheets	I980SR / I980 PI / N998 SR / N998 PI	Expanded graphite is used in high temperatures and has a very good level of chemical resistance. It is a soft material that has a better compression rate than gaskets made out of fiber mixtures, thus assuring a higher level of tightness.	- T<550°C; - p<160 bar;
Plate gaskets – reinforced flexible graphite	GRAFEX® I 980 PI		- T<450°C; - p<160 bar;
	GRAFEX® I 980 PI with inner eylet		
	GRAFEX® I 980 PI with inner and outer eylet		

Corrugated Gaskets	GRAFEX® CG		- T<450°C; - p<160 bar;
	GRAFEX® CG-CR1 with outer ring		- Only RF flanges; - T<450°C; - p<160 bar;
	GRAFEX® CG-CR1 with inner eylet		
Grooved / Camprofile Gasket	GRAFEX® GG-CR0		- T<550°C; - p<350 bar;
	GRAFEX® GG-CR1		- Only RF flanges; - T<550°C; - p<350 bar;
	GRAFEX® GG-CR2		- Only RF flanges; - T<550°C; - p<350 bar;
	GRAFEX® GG-CR0 convex		- T<550°C; - p<350 bar;
	GRAFEX® GG-CR1 convex		- Only RF flanges; - T<550°C; - p<350 bar;
	GRAFEX® GG-CR2 convex		- Only RF flanges; - T<550°C; - p<350 bar;
	GRAFEX® PA		- T<550°C; - p<160 bar;
Metal Jacketed Gasket	GRAFEX® JG		- T<650°C; - p<160 bar;
Spiral wound gaskets	GRAFEX® GS - SWG without rings		- Only male & female and tongue & groove flanges; - T<550°C; - p<350 bar;
	GRAFEX® GC - SWG only with outer ring		- Only RF flanges; - T<550°C; - p<160 bar;
	GRAFEX® GCI - SWG with both inner and outer rings		- Only RF flanges ; - T<550°C; - p<350 bar;
	Grafex® GSI - SWG only with inner ring		- Only male& female flanges ; - T<550°C; - p<350 bar;
High temperature gaskets	GRAFEX® GCI – HT - SWG with both inner and outer rings (winding graphite+mica)		- Only RF flanges ; - T<800°C; - p<25 bar;
	GRAFEX® GC – HT - SWG with outer ring (winding graphite+mica)		- Only RF flanges ; - T<800°C; - p<6 bar;
	GRAFEX® GG– HT - Camprofile gaskets with mica layer		- T<800°C; - p<25 bar;
	GRAFEX® JG– HT - Double jack- eted gaskets with mica filler		- T<800°C; - p<25 bar;

OUR PRODUCTS

Besides our comprehensive gaskets range, we also offer a host of related products, such as:

- Flange insulations kits
- Teflon or silicone materials fabrics
- Metallic and perforated fabrics
- Compensators and compensator fabrics
- Adhesives and other sealing elements

Graphite and carbon braided packings	GRAFEX® GS-01	Flexible graphite only, without any binders or resins and no metal wire filaments	- T<450°C; - p<300 bar; - V<25 m/s - pH 0..14
	GRAFEX® GS-04	Flexible graphite with all 4 corners reinforced by carbon yarns	- T<550°C; - p<350 bar; - V<15 m/s - pH 0..14
	GRAFEX® GA	Flexible graphite with SS wire reinforcement	- T<450°C; - p<450 bar; - pH 0..14
	GRAFEX® G2A	Flexible graphite with SS mesh reinforcement	- T<550°C; - p<500 bar; - pH 0..14
PTFE braided packings	GRAFEX® T1	Continuous filament PTFE yarns with PTFE dispersion and silicon oil	- T<280°C; - p<100 bar; - V<8 m/s - pH 0..14
	GRAFEX® TG1	Graphited continuous filament PTFE yarns with PTFE dispersion and silicon oil	- T<280°C; - p<200 bar; - V<20 m/s - pH 0..14
Aramid	GRAFEX® A1	Aramid yarns with PTFE dispersion and silicon oil	- T<280°C; - p<250 bar; - V<20 m/s - pH 2..12
	GRAFEX® A2P	Aramid yarns with PTFE dispersion and silicon-free lubricant	- T<280°C; - p<250 bar; - V<25 m/s - pH 2..12
PTFE+Aramid	GRAFEX® T1-A1	Continuous filament PTFE yarns with PTFE dispersion and silicon oil and all corners reinforced with aramid fibre	- T<280°C; - p<500 bar; - V<10 m/s - pH 2..12
	GRAFEX® TG1-A1	Graphited continuous filament PTFE yarns with PTFE dispersion and silicon oil all corners reinforced with aramid fibre	- T<280°C; - p<500 bar; - V<25 m/s - pH 2..12
Vegetal and syntetic fibers	GRAFEX® RP1	Vegetal fibers with PTFE dispersion and silicon oil	- T<140°C; - p<100 bar; - V<6 m/s - pH 5..9
	GRAFEX® Acrylic 1 Supra	Acrylic fibers with PTFE dispersion and silicon oil	- T<200°C; - p<50 bar; - V<10 m/s - pH 2..12
Glass and ceramic	GRAFEX® Glass	Glass fibers	- T<500°C; - pH 2..12
	GRAFEX® Cera	Ceramic fibers	- T<850°C; - pH 5..9
	GRAFEX® Cera A	Reinforced ceramic fibers	- T<1200°C; - pH 5..9
Ring Type Joint	R oval		- T<550°C; - p<700 bar;
	R octagonal		- T<550°C; - p<700 bar;
	RX		- T<550°C; - p<350 bar;
	BX		- T<550°C; - p<1400 bar;
Lens Gaskets			- T<550°C; - p<400 bar;