


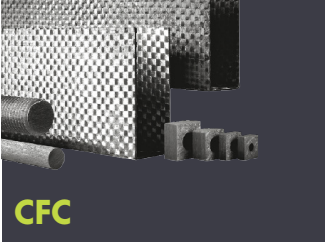
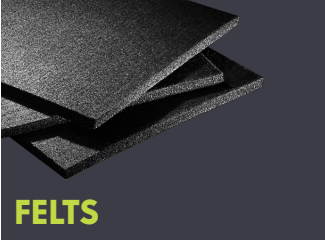
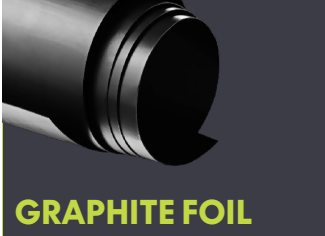
Welcome to the **Graphite People**, your experts for high temperature applications!



About **Graphite Materials**:

- + 25 years of succes on the market
- + 60 employees
- + 12 million € annual turnover
- + 15 years of production experience
- + Engineering service
- + From customised individual parts to series production
- + Modern CNC machines
- + Ø 150t material output / year
- + DIN EN ISO 9001:2015 and 14001:2015 certified

Carbon – one element, many **variants**:

 GRAPHITE	VARIANTS: <ul style="list-style-type: none">+ Extruded+ Vibration molded+ Isostatic graphite	FEATURES: <ul style="list-style-type: none">+ High thermal and electrical conductivity+ Excellent thermal resistance+ High thermal shock resistance+ Medium flexural strength with extruded and vibration molded graphite (~20 MPa)+ Higher flexural strength (ISO graphite: ~50 MPa)	APPLICATIONS: <ul style="list-style-type: none">+ Furnace construction+ Metallurgy+ Glass and ceramics industry+ Semiconductor and LED prod.
 CFC	FEATURES: <ul style="list-style-type: none">+ High strength and stiffness+ High thermal shock resistance+ Low thermal expansion	APPLICATIONS: <ul style="list-style-type: none">+ Production of semiconductor materials+ Heat treatment of steels+ Brazing of ceramic-metal compounds+ Sintering of hard metals and thermal ceramics	
 FELTS	SOFT FELTS: <ul style="list-style-type: none">+ High thermal stability+ Low thermal conductivity+ High purity+ High chemical resistance+ Flexibility and mouldability+ Electrical conductivity	HARD FELTS: <ul style="list-style-type: none">+ Thermal stability+ Low thermal conductivity+ High dimensional stability+ Good machinability+ Composite structure of CFC fabric and graphite foil	APPLICATIONS: <ul style="list-style-type: none">+ Thermal insulation+ Energy storage+ Semiconductor industry+ Furnace technology+ Semiconductor industry+ Powder metallurgy+ Industrial heat treatment
 GRAPHITE FOIL	FEATURES: <ul style="list-style-type: none">+ High thermal conductivity+ High electrical conductivity+ High flexibility+ High chemical resistance+ High radiation resistance	APPLICATIONS: <ul style="list-style-type: none">+ Electronics applications+ Seals+ Thermal insulation	

Successful solutions from the field: **our case studies**

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- + Hardening
- + Sputtering
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