

**COATINGS**

**HTG – Heat Protection**



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# HTG

## COMPOSITE HEAT PROTECTION

HTG is a coating system for fibre reinforced composite parts in an environment close to high temperature heat sources

- Protection against heat radiation up to 850°C
- High reflection shielding against heat radiation
- Oxygen impervious layer as fire barrier
- Reduction of thermal conductivity
- Layer thickness only around 25µm

With the isolating and reflecting coating system HTG you are able to use your composite light weight solutions even in direct environment to brakes, exhaust systems, turbo chargers and equivalent heat sources.

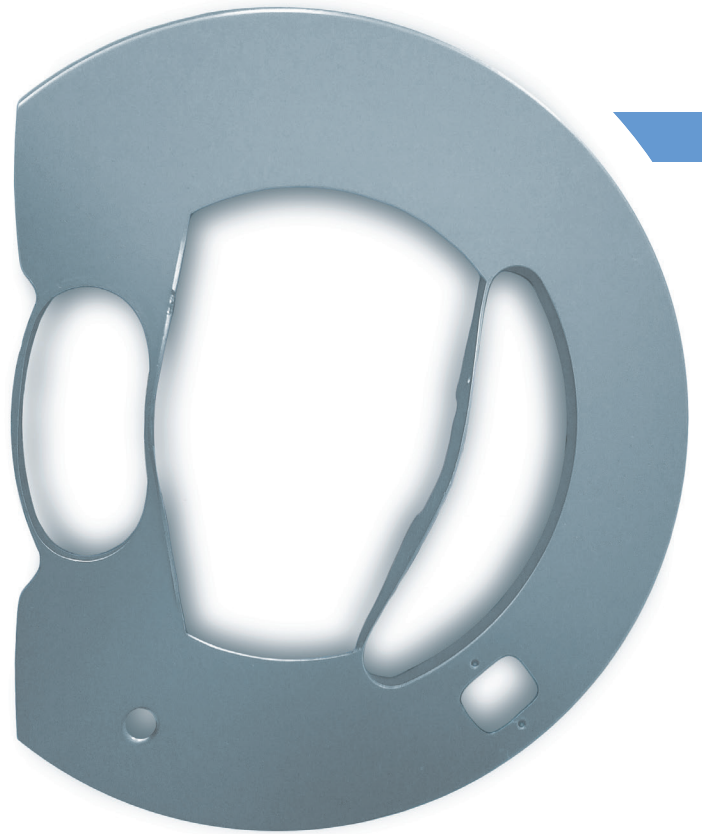
We would be pleased to supply you with final coated composite parts too - up to your requirements!



# TECHNICAL DATASHEET

## HTG 100/200/300

Shielding of a high-performance carbonfibre-brake disc for use in long distance races WEC



**Our coating systems are in continuous development - please contact us for latest product news!**

The surface of the parts to be coated will not be affected mechanically or thermally. A special pretreatment does activate the surface to an inseparable connection between coating and base system after first heating.

The coating system has a flame-retarding property and was certified in a fire test

laboratory for aero space industry. The development was further tested to an internal standard following the up-to-date aero space standards (AITM 2.0004 / ASTM F 1103).

**The system is already widely used in high end motor sport environments!**

### Options

HTG 100 - F	Fire protection, part surface, transparent
HTG 200 - H,RF	Heat protection 650°C
HTG 300 - H,RF	Heat protection 850°C