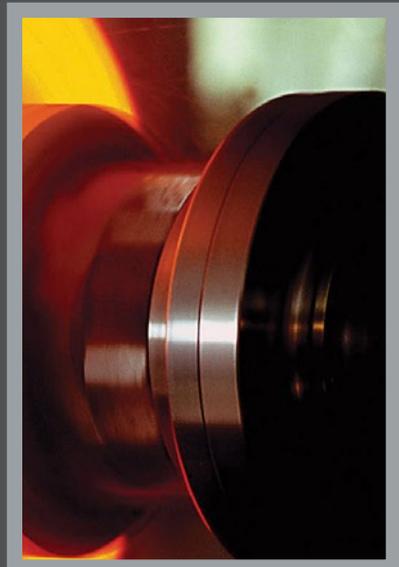
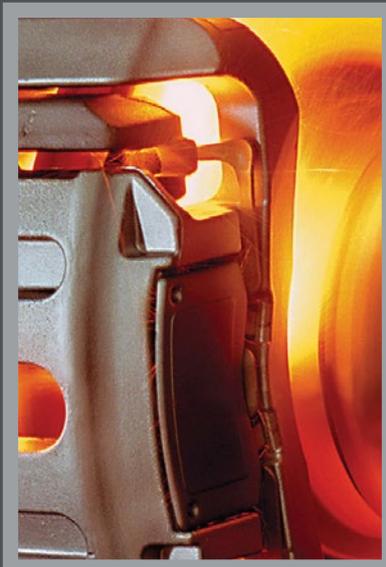
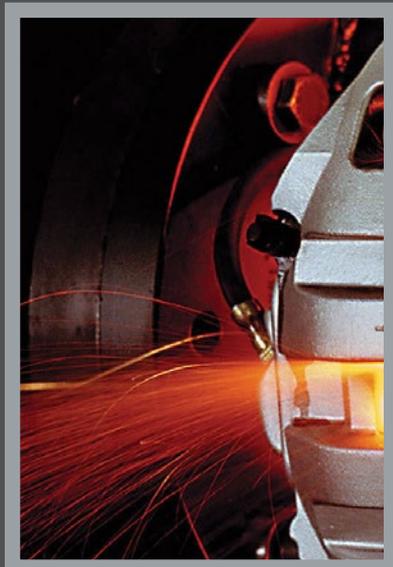


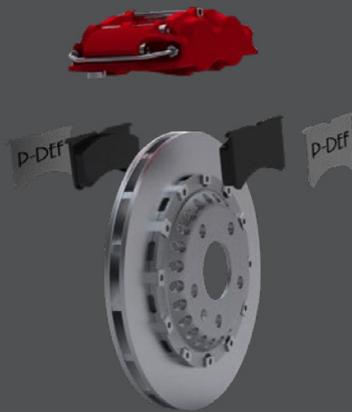
P-DEF

Brake system thermal insulation pads



Pyroclast® Dynamic Energy Filter



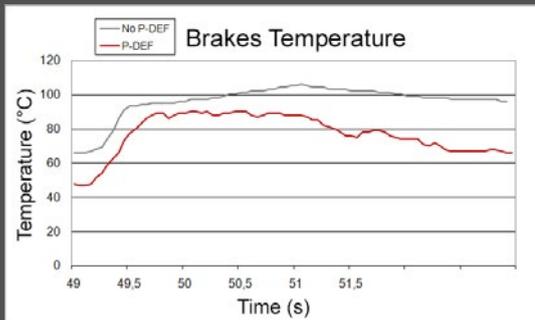


P-DEF is the solution for the set-up of the most powerful braking systems. Made of Pyroclast®, a new patented material with exceptional insulation properties and compression strength, it brings incredible benefits in the racing use of the braking system:

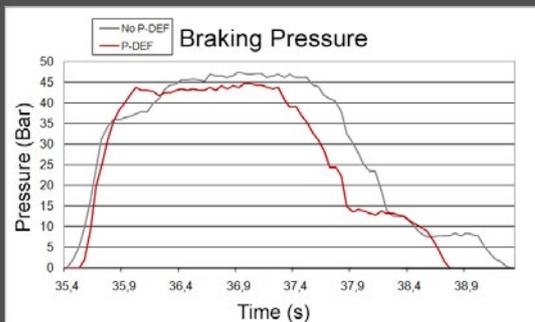
P-DEF plates have to be positioned between the brake lining and the caliper's pistons, creating a barrier for the passage of the heat given off during the braking. In this way, Vapor-lock problems, caused by the brake fluid as a consequence of an intense use of the brakes, are reduced.

PYROCLAST 600 TECHNICAL SHEET

Properties	Value	UM	Spec
Thermal conductivity	0,21	W/mK	DIN 52612
Long term heat resistance	620	°C	-
Thickness	1 +- 0,15	mm	-
Density	2,12	cm ³	ISO 1183 method 3
Water absorption	< 0,6	%	ISO 62 method 1
Flammability	94 V - 0	According	UL 94
Flexural strength flatwise	150	Mpa	ISO 178



The temperature of brakes with P-DEF plates is sensibly lower than that of brakes without P-DEF plates.



This graphic shows how braking time is 0.500 seconds faster when the car uses P-DEF plates on brake pads.

- P-DEF is available in many different shapes, based on the different brake pad contour, already precisely cut and prepared in 4 pieces sets for a single car axle. Ask for a specific application or check our fitting list with a lining commercial code for your brake system;
- P-DEF is not a one-shot-use product, it may be re-used on the same brake for an average life of 3 different pad sets, depending on brake and use condition;
- P-DEF has been tested on racing brakes and pads only: use on standard brake systems is not recommended.

PYROCLAST®, is a material free from toxic and dangerous substances included in the directive EU2002/95/CE, p4 sec1, the material does not include Asbestos or other materials dangerous for health.

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