



MOTORCYCLE

CATFE901

2017

PADS AND SHOES  
DISCS  
CLUTCHES  
BRAKE FLUIDS



 **FEDERAL-MOGUL  
MOTORPARTS**

TECHNICAL PARTNERS

WorldSBK

MotoGP | WorldSBK | WorldSTK 1000

WorldSSP | WorldSSP 300



**aprilia**  
RACING

**Kallio Racing**

# OUR NEW STANDARD FOR PERFORMANCE BRAKING



GREENER & SAFER

Ferodo ECO-FRICTION® brake pads and shoes offer a new milestone in braking expertise. Dedicated research and development guarantees braking parts engineered for outstanding stopping power and control, and a positive contribution to the environment.



**FERODO®**

FIND YOUR DISTRIBUTOR: [WWW.FERODORACING.COM](http://WWW.FERODORACING.COM)

The Ferodo brand is a registered trademark of **FEDERAL-MOGUL MOTORPARTS**

# FERODO®



PADS & SHOES - DISCS - CLUTCHES Technical information

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BRAKE FLUIDS Technical information

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## PADS & SHOES

PRODUCT RANGE	1
MOTORCYCLE APPLICATIONS	1000
ATV & SNOWMOBILE APPLICATIONS	2000
PADS FOR RACING CALIPERS	3000
PAD DRAWINGS & BUYER'S GUIDE	4000
SHOE DRAWINGS	5000
SHOE BUYER'S GUIDE	6000
PADS XREF (COMPETITORS TO FERODO)	7000
SHOES XREF (COMPETITORS TO FERODO)	8000

## DISCS

MOTORCYCLE APPLICATIONS	10000
ATV APPLICATIONS	11000
DISC DRAWINGS	12000
DISC BUYER'S GUIDE	13000
DISCS XREF (COMPETITORS TO FERODO)	14000

## CLUTCHES

MOTORCYCLE APPLICATIONS	20000
SCOOTER CENTRIFUGAL APPLICATIONS	21000
CLUTCH KITS XREF (COMPETITORS TO FERODO)	22000
SPECIAL CLUTCH KITS DUCATI APPLICATIONS	23000
SPECIAL CLUTCH KITS OTHER APPLICATIONS	24000



# PADS & SHOES

Ferodo's organic and sintered brake pads & shoes provide the performance and modulation appreciated by the world's best riders.

Composed of pressed metal powders which have been fused together at very high temperature

## Sinter Grip Compounds



**FDB\*\*\*\*ST** 

For high performance road use



**FDB\*\*\*\*SM** 

For maxiscooter road use



**FDB\*\*\*\*SG** 

For off-road use



**FDB\*\*\*\*XRAC** 

For race use

Carbon based composites bound together with an organic resin

## Carbon Grip Compounds



**FDB\*\*\*\*AG** 

For scooter road use



**FDB\*\*\*\*EF** 

For road, race use on rear brake, and off-road use



**FDB\*\*\*\*P** 

For road, race use on rear brake, and off-road use



**FDB\*\*\*\*PRP** 

For road use in combination with polished rotor (PRP = Polished Rotor Pad)

Carbon based composites bound together with a ceramic resin

## Ceramic Grip Compound



**FDB\*\*\*\*CP1** 

For race use

## Shoes



**FSB\*\*\*\***

Brake shoes lined with organic friction material



**FSB\*\*\*\*EF**

Brake shoes lined with organic friction material in the new ECO-Friction® version. Copper free

# Pad Compound Selection Guide

Principal Type of Use	Compound Name	Material Suffix Code	Compatible with		Road		Light Competition		PRO Competition	
			Stainless Steel Discs	Cast Iron Discs	Front	Rear	Front	Rear	Front	Rear
Road	Argento	AG	✓	✓	✓	✓				
Road	Eco-Friction	EF	✓	✓	✓	✓				
Road/Off Road	Platinum	P	✓	✓	✓	✓	✓	✓		✓
Road	Polished Rotor Pad	PRP	✓	✓	✓	✓				
Road	MaxiScooter	SM	✓		✓	✓	✓	✓		✓
Road	SinterGrip	ST	✓		✓	✓	✓	✓		✓
Off Road	SinterGrip	SG	✓		✓	✓	✓	✓	✓	✓
Race	SinterGrip	XRAC	✓				✓		✓	
Race	CP1	CP1	✓	✓			✓		✓	

## Ferodo Race Materials Evaluated Under Race Conditions

	Friction level	Bite	Fade Resistance	Controllability	Pad Life	Disc Life	Wet Braking
XRAC	•••	•••	•••	••	•••	••	•••
CP1	•••	••	•••	•••	••	•••	••

•••	Excellent
••	Good
•	Moderate

## Ferodo Road Materials Evaluated Under Road Conditions

	Friction level	Bite	Fade Resistance	Controllability	Pad Life	Disc Life	Wet Braking	Comfort
Argento AG	•	••	•	••	••	•••	••	•••
Eco-Friction EF	•	••	•	••	••	•••	•••	•••
Platinum P	••	•••	••	•••	••	•••	••	•••
PRP	••	•	•	•••	••	•••	••	•••
MaxiScooter SM	••	••	••	••	•••	••	•••	••
SinterGripST	•••	•••	•••	••	•••	••	•••	••

## Ferodo Off-Road Materials Evaluated Under Off-Road Conditions

	Friction level	Bite	Fade Resistance	Controllability	Pad Life	Disc Life	Pad life in mud
Eco-Friction EF	••	•••	••	•••	••	•••	•
Platinum	••	•••	••	•••	••	•••	•
SG	•••	•••	•••	••	•••	•••	•••

## COMPARISON CRITERIA

### Friction level

Overall average friction coefficient.

### Bite

Initial friction at the start of the stop.

### Fade Resistance

Resistance to drop-off in friction coefficient under severe braking conditions.

### Controllability

How easy the brake is to modulate.

### Pad Life

How long the pad lasts

### Disc Life

The life of the disc taking into consideration not only the reduction in thickness due to wear, but also maintenance of good surface condition.

### Wet Braking

The effectiveness of the material in wet conditions.

### Comfort

The amount of brake squeal and other vibration generated during the braking event.

### Pad Life in mud

Important for off-road bikes



# ARRAY

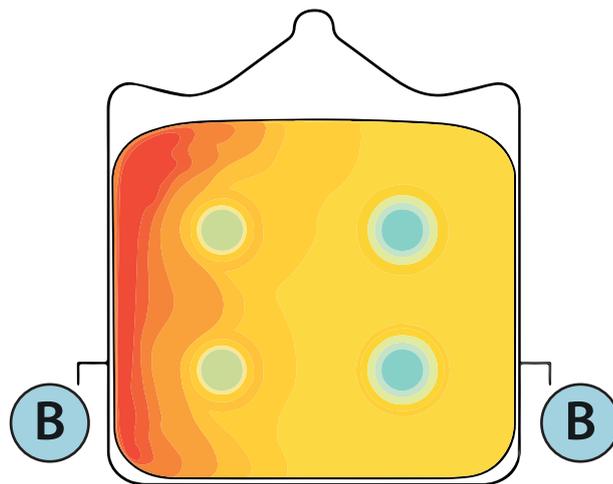
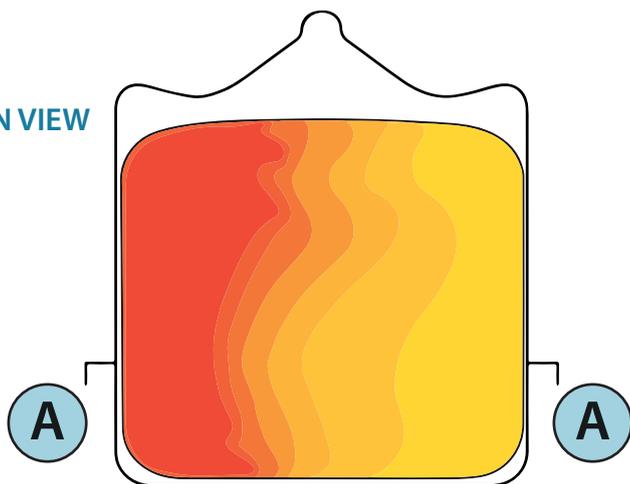


# TECHNOLOGY

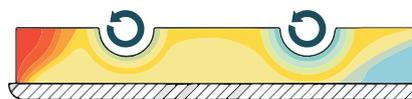
## WITHOUT ARRAY TECHNOLOGY

## WITH ARRAY TECHNOLOGY

PLAN VIEW



SIDE VIEW



Cross Section A to A

Cross Section B to B

# 15% REDUCTION IN OPERATING TEMPERATURE

## LOWER OPERATING TEMPERATURE

Reduces wear rates of discs and pads  
Reduces the risk of fading

Reduces the brake fluid boiling risk  
Array Cooling Pads are available in XRAC (Racing)



# DISPLAY UNITS

## Free Standing Display



Cod. DIS204

## Wall - Mounted Display



Cod. DIS205

Cod.	Dimensions (cm)
DIS204	54x190x45
DIS205	54x96x8,5