



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

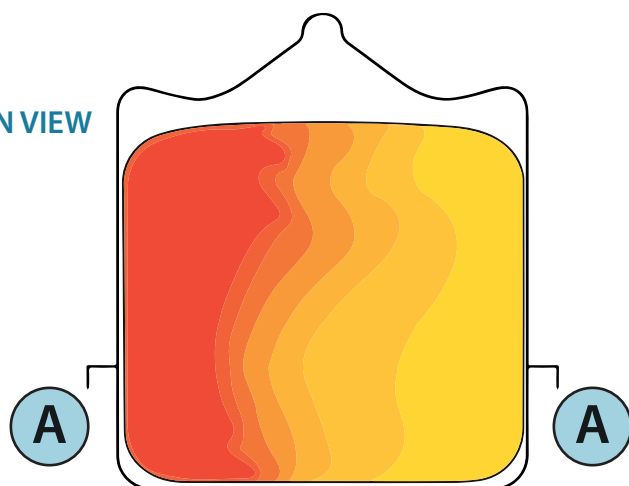
Important for off-road bikes



ARRAY COOLING TECHNOLOGY

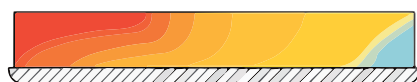
**WITHOUT
ARRAY TECHNOLOGY**

PLAN VIEW



DIRECTION OF DISC ROTATION ►

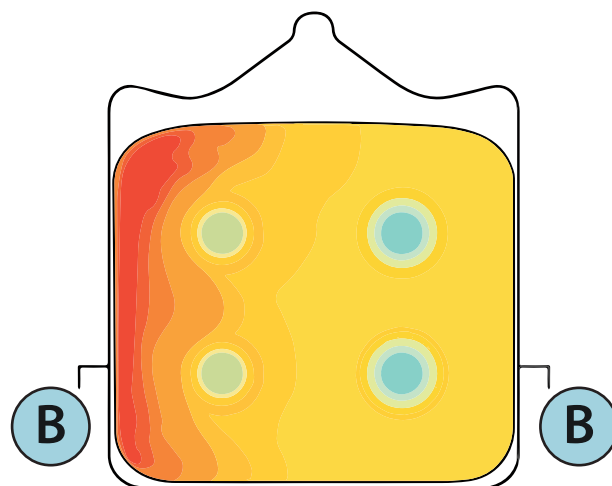
SIDE VIEW



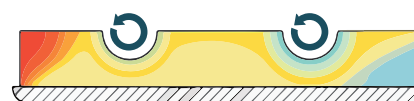
Cross Section A to A

**WITH
ARRAY TECHNOLOGY**

HOT
COLD



DIRECTION OF DISC ROTATION ►



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