FERODO Pad Compound Selection Guide

			Disc Compatibility		Road		Light Competition		PRO Competition	
Principal type of use	Compound technology (Compound name)	Material suffix code	Steel discs	Cast iron discs	Front	Rear	Front	Rear	Front	Rear
ROAD	Mid metallic (Argento)	AG	✓	✓	✓	✓				
ROAD / OFF-ROAD	Mid metallic (Eco-Friction)	EF	✓	✓	✓	✓				
ROAD / OFF-ROAD	Mid metallic (Platinum)	P	✓	✓	✓	✓		✓		✓
ROAD	Sintered	SM	✓		✓	✓				
ROAD	Sintered	ST	✓		✓	✓	✓	✓		✓
OFF-ROAD	Sintered	SG	✓				✓	✓	✓	✓
OFF-ROAD	Sintered	ZR	✓				✓		✓	
RACE	Sintered	XRAC	✓				✓		✓	
RACE	Ceramic (CPRO)	CPRO	✓	✓			✓		✓	

FERODO RACE materials evaluated under RACE TRACK conditions

	Friction level cold	Friction level hot	Bite	Fade resistance	Controllability	Pad life	Disc life	Wet braking
XRAC	★★★★	★★★★★	★★★★★	★★★★★	★★★	★★★★★	★★★	★★★★★
CPRO	★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★	★★★★★	★★★

FERODO ROAD materials evaluated under ROAD conditions

	Friction level	Bite	Fade resistance	Controllability	Pad life	Disc life	Wet braking	Comfort
EF	★★★	★★★	★★★★	★★★★	★★★	★★★★★	★★★★	★★★★★
AG	★★★	★★★	★★★★	★★★★	★★★	★★★★★	★★★	★★★★★
P	★★★★	★★★★	★★★★	★★★★★	★★★★	★★★★★	★★★	★★★★★
SM	★★★★	★★★★★	★★★★	★★★	★★★★★	★★★	★★★★★	★★★
ST	★★★★★	★★★★★	★★★★★	★★★	★★★★★	★★★	★★★★★	★★★

FERODO OFF-ROAD materials evaluated under OFF-ROAD conditions

	Friction level	Bite	Fade resistance	Controllability	Pad life dry	Pad life mud
EF	★★	★★	★★	★★★★	★★★	★★
P	★★★	★★★	★★★	★★★★	★★★	★★
SG	★★★★	★★★★	★★★★★	★★★	★★★★★	★★★★★
ZR	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★

LEGEND

Friction level: overall mean 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