



RACING

ENGINEERED FOR CHAMPIONS



Akkodis ASP Team, WEC, FIA World Endurance Championship



RACING

FEDERAL-MOGUL ITALY Srl
Racing & Motorcycle Division

Corso Inghilterra, 2
12084 Mondovì (CN) ITALY

E-CAT



www.ferodoracing.com

FERODO® is a registered trademark of Tenneco LLC, or one or more of its affiliates in one or more countries.



RACING

CHOOSE THE POWER OF PERFORMANCE



FERODO RACING ENGINEERED FOR CHAMPIONS

CHOOSE FERODO RACING
BRAKING POWER



www.ferodoracing.com



RACING

ENGINEERED FOR CHAMPIONS

For over **100 years**, Ferodo® has led braking innovation, trusted by the world's top vehicle manufacturers. Drawing on this heritage, our **racing range** brings that same expertise to the track, with high-performance brake pads engineered for **racing applications**.

WHY CHOOSE FERODO RACING BRAKE PADS?

- **Outstanding Stopping Power:** precision braking when every millisecond counts
- **Consistent Performance:** engineered to deliver under extreme racing conditions
- **Proven on the Track:** trusted by top-teams and drivers worldwide

When victory depends on braking performance, trust Ferodo Racing.

Proven in GT2, GT3, GT4, Nascar, Rally, Touring cars and various Formulas.

PRODUCT PERFORMANCE & FITTING PRECISION

Ferodo® Racing – Built for the Track

All Ferodo Racing Brake Pads are manufactured in **OE-certified facilities**, ensuring ultimate precision and consistency.

- **Laboratory testing:** advanced materials tested to the highest standards
- **Dynamometer Testing:** simulating extreme racing conditions for reliable performance
- **Track & Road Testing:** proven stopping power and endurance under real-world racing demands
- **Perfect Fitment:** engineered for fast, accurate installation every time
- **Installer Support:** clear fitting instructions provided
- **Complete Solution:** Essential accessories included in every box

Ferodo Racing Brake Pads – Precision. Performance. Confidence.



Brake Pads

Ferodo Racing has one of the widest ranges of pad shapes in the racing and high-performance brake pad market. This fitment range is available with several compounds, the choice of which depends upon application and driver preference.

Each compound is identified by a specific suffix, indicated here-below in brakets near the compound name when it differs.

Discover more about the Ferodo Racing offer!

DS3.12 (G/GB)

- High friction coefficient and high initial bite
- ABS compatible
- Applications: recommended for track use on larger vehicles with ABS such as GT4 and GT3, sprint and medium duration races (up to 6 hours)
- Reproducible and stable performance up to 850° C under all pressure and speed conditions

TL66

- High friction coefficient and high initial bite, similar to DS3.12 but with less torque build-up during the stop for enhanced controllability
- ABS compatible
- Together with DS3.12 it has the longest pad life of the Ferodo Racing range under heavy duty track use
- Applications: recommended for track use on larger vehicles with ABS such as GT4 and GT3 and also works well in rally
- Reproducible and stable performance up to 800° C under all pressure and speed conditions
- It has been used at the Nürburgring and SPA 24 hour events

TL180

- Highest friction coefficient in Ferodo's heavy-duty range
- ABS compatible
- Reduces disc peak temperatures
- Applications: recommended for track use on heavy high-powered cars such as GT3, GT2, sprint and endurance duration races
- Reproducible and stable performance up to 850° C under all pressure and speed conditions

DSUNO (Z/ZB)

- Heavy duty semi-endurance material
- Very controllable torque output
- Very kind to discs
- Long life
- Applications: touring car, GT, single seat, rally
- Average friction coefficient 0.48 over working temperature range of 200°-750° C

DS1.11 (W/WB)

- Heavy duty endurance material
- Long life
- Very kind to discs
- Applications: touring car, GT, single seat
- Average friction coefficient 0.46 over working temperature range of 200°-750° C

DS3000 (R)

- Heavy duty all-round material choice
- Short bedding time
- Applications: touring car, rally, Group N, single seat, hill-climb
- Average friction coefficient 0.48 over working temperature range of 200°-650° C

FER4003 (C)

- Light/medium duty race material specifically for Formula cars, occasional rally
- Very short bedding time
- Excellent bite
- Low drag and excellent release
- Offers control to avoid wheel lock when downforce reduces
- Average friction coefficient 0.46 over working temperature range of 100°-550° C

DS2500 (H)

- Road style refinement but with race material ability to withstand heat with respect to life and μ
- Applications: track day & light race use for all vehicle types
- Average friction coefficient of 0,41 over working temperature range of 0°-500° C

TL163

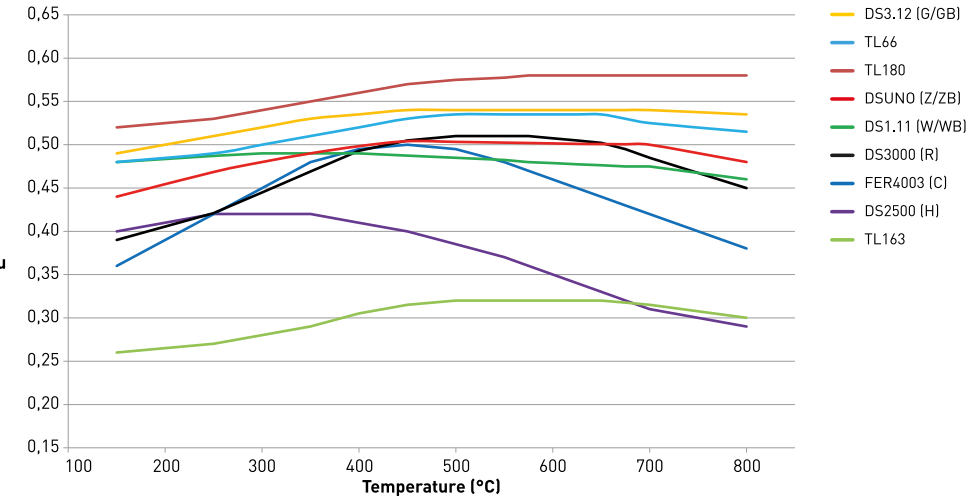
- Replaces DB
- Low friction coefficient with very flat torque profile
- ABS compatible, minimizing wheel lock-ups and excessive slip towards the end of the stop
- Applications: recommended for track use on rear calipers
- Reproducible and stable performance up to 750° C under all pressure and speed conditions

WARNING: DS2500 does not have ECE R90 certification, thus it is not recommended for road use in those countries which require ECE R90. All the other Ferodo Racing compounds are not suitable for road use. All test results above are based on various internal and external performance and driving tests including specific personal recommendations by experienced test drivers. Technical performance results are available upon request.

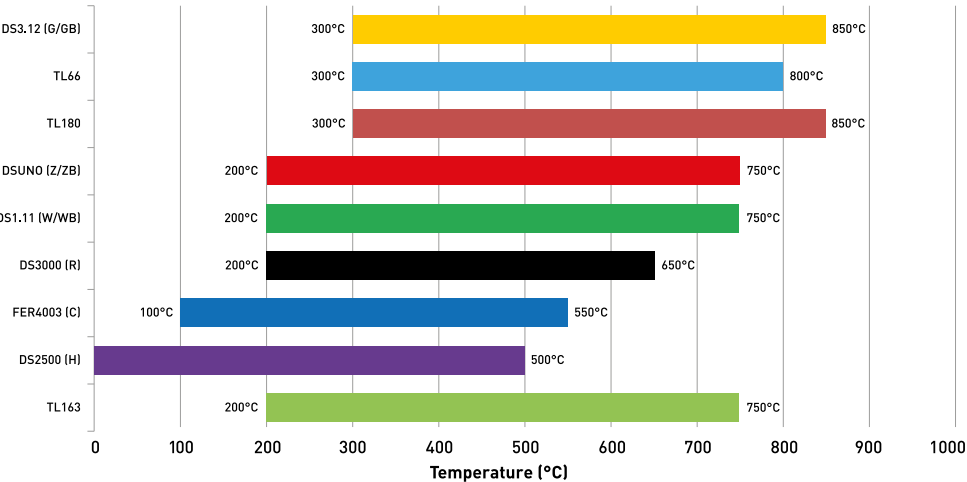
Compound Comparison

The **charts and tables** below compare the various Ferodo Racing materials and help you to go for the best option, depending on your vehicle and use.

MU VS TEMPERATURE



OPTIMAL OPERATING TEMPERATURE



Relative Performance Characteristics Under Heavy-Duty Race Conditions

Note: Moderate ★ Excellent ★★★★★★							
	Pad Life	Disc Life	Initial Bite	Average mu	Fade	Pedal Feel (Travel)	Release
DS3.12 (G/GB)	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
TL66	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
TL180	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
DSUNO (Z/ZB)	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
DS1.11 (W/WB)	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
DS3000 (R)	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
FER4003 (C)	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
DS2500 (H)	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
TL163	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★

SUGGESTED APPLICATIONS

Note: FRONT = Front Axle - REAR = Rear Axle							
	R90 homologated for Road use	Track day	Rally & Rally cross	Touring Car	GT, NASCAR, V8	Formula (Low inertia)	Formula (High inertia)
DS3.12 (G/GB)			FRONT/REAR	FRONT	FRONT		FRONT/REAR
TL66			FRONT/REAR	FRONT	FRONT/REAR		FRONT/REAR
TL180			FRONT	FRONT	FRONT		
DSUNO (Z/ZB)			FRONT/REAR		REAR		FRONT/REAR
DS1.11 (W/WB)				REAR	REAR	FRONT/REAR	FRONT/REAR
DS3000 (R)			FRONT/REAR	FRONT		FRONT/REAR	
FER4003 (C)				REAR		FRONT/REAR	
DS2500 (H)		FRONT/REAR		REAR		FRONT/REAR	
TL163				REAR	REAR		

WARNING: DS2500 does not have ECE R90 certification, thus it is not recommended for road use in those countries which require ECE R90. All the other Ferodo Racing compounds are not suitable for road use. All test results above are based on various internal and external performance and driving tests including specific personal recommendations by experienced test drivers. Technical performance results are available upon request.