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# Rider's Handbook

sintered brake pads



## ROAD RACING

TOP RACING

**GP6** Front brake GP6 compound is specially designed for track racing and for the riders who deserve best possible braking power under extreme racing conditions. GP6 compound features stainless steel shield for thermal protection. For racing application, it is recommended to combine GP6 at the front brake and S33 STREET at the rear brake. **Warning! GP6 compound is for track racing use only.**

**S33** At the top of the street legal range, the S33 STREET compound is best choice for riders who require the best sintered pads with both high performance and excellent wear life in extreme conditions. S33 STREET compound provides non-aggressive inter-action with brake disc, long wear life and self-cleaning function. S33 STREET features stainless-steel heat shield as thermal protection.

RACING

### sintered brake pads



#### Sintered brake pads advantages:

- high effectivity thanks to quicker transfer of kinetic energy to heat
- excellent wear life index
- suitable for extreme conditions and high temperatures
- high friction coefficient even in wet conditions
- low tendency to „fading“ in extreme conditions
- possibility to produce compound for concrete conditions
- heats up more quickly, no need to warm up
- shorter running-in period
- ideal for use with steel brake discs
- environmental friendly



#### What is sintered brake compound? (all GOLDfren brake pads)

Produced by powder metallurgy process. It is created by mixing of many steel powders together, which are then pressed into the mould. Following process is sintering in vacuum furnace under very high temperatures. Strong bonds are created between powder particles by sintering, which gives the strength to sintered product.

#### What is organic brake compound?

Produced only by mixing different components from glass fibers, rubber, carbon, etc. with filler materials and high temperature resins. The resins act like thermo-set plastic, which holds the components together like glue.

**Your dealer:**

## STREET

SUPERSPORT

**S33** At the top of the street legal range, the S33 STREET compound is best choice for riders who require the best sintered pads with both high performance and excellent wear life in extreme conditions. S33 STREET compound provides non-aggressive inter-action with brake disc, long wear life and self-cleaning function. S33 STREET features stainless-steel heat shield as thermal protection.

SPORT/TOURING

**S3** S3 compound is designed for street/sport/touring/dual sport riding and it is recommended to riders who require great braking power. Ceramic composite material provides low-abrasive inter-action with the brake disc and low-noise braking as well as good performance when operating on higher temperatures.

LIGHT BIKES

**AD** AD compound is designed for common street riding and for lighter bikes but delivers adequate braking power when needed. AD compound provides low-abrasive inter-action with the brake discs as well as low-noise braking due to composite material.

### Filip Neugebauer



**Born:** 1987  
**Team:** Pfeil Kawasaki Team  
**Bike:** Kawasaki KX450F  
**Best results:**  
 2012 Vicechampion of International ADAC MX Masters  
 2010 1st place in DM Open German motocross championships

#### What Filip says about GOLDfren:

„I am using GOLDfren products almost my whole racing career and I am very satisfied with them. GOLDfren brake pads deliver great braking force even in extreme conditions like mud, water, deep and wet sand and help me to achieve successes not only in German championship. I appreciate its great life time, especially in a training periods before season when riding on tough sandy tracks in Belgium.“

### Günter Schmidinger



**Born:** 1987  
**Team:** Team Mibag Schmidinger World MX  
**Bike:** Honda CR-F 450  
**Best results:**  
 2012 3rd overall in MX3 World championship  
 2011 25th overall in MX1 World championship  
 2011 International ADAC MX Masters champion

#### What Team Schmidinger says about GOLDfren:

„Our team is using GOLDfren products since 2007. They meet our needs since the beginning and we are excited about them. All the testing results we send to the factory R&D department for further development. We had a lot of success with these perfect products, for example title of Austrian championships, ADAC 2011 title and 3rd place overall in MX3 World championship 2012. No other producer is offering such flexibility in detail and special compound production for specific needs. From this point of view, we are very satisfied with GOLDfren products and they are important partner for our successful season.“

## SCOOTER

### S3

S3 compound is designed for sport scooter riding or heavier scooters over 125cc, and it is recommended to riders who require great stopping power. Ceramic composite material provides low-abrasive inter-action with the brake disc and low-noise braking as well as good performance when operating on higher temperatures.

SPORT/OVER 125cc

### AD

AD compound is designed for common scooter riding and for lighter scooters but delivers adequate braking power when needed. AD compound provides low-abrasive interaction with the brake discs and low-noise thanks to composite material.

LEISURE

## OFF-ROAD

### S33

S33 OFF-ROAD series is designed for ambitious first-class PRO level off-road riders who require the ultimate edge racing with absolute great braking power and exceptional longevity. S33 OFF-ROAD compound provides non-aggressive inter-action with the brake disc, long life and self-cleaning function. S33 OFF-ROAD features stainless-steel heat shield as thermal protection. The S33 OFF-ROAD series is a choice of several teams in world championship races.

RACING

### S3

### K5

S3 and K5 compounds meets the requirements of above-average level off-road rider who expect great braking power. Ceramic composite material provides low-abrasive inter-action with the brake disc, long life, self-cleaning function. It delivers low-noise braking as well as good performance when operating on higher temperatures. S3 is designed for front brake and K5 for rear brake.

SPORT

### AD

AD compound is designed for common off-road riding but delivers adequate braking power when needed. AD compound provides low-abrasive interaction with the brake discs as well as low-noise braking due to composite material.

LEISURE

## ATV

### K5

K5 compound is designed for sport ATV riding and above-average level ATV riders who require great braking power. Ceramic composite material provides low-abrasive interaction with the brake disc, long life, self-cleaning function. It delivers low-noise braking as well as good performance when operating on higher temperatures.

SPORT

### AD

AD compound is recommended for leisure or utility ATV use and for lighter ATV's with adequate braking power when expected. AD compound provides low-abrasive interaction with the brake discs and low-noise braking due to composite material.

LEISURE/UTILITY



All SCOOTER brake pads are homologated by TÜV Rheinland.

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