

# Brake Pads

## For Commercial Vehicles



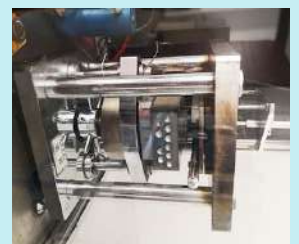
**OE designed, approved & released formula to meet ECE R90 requirements & caliper performance demands.**

- Premium long life grade friction material
- Meets FMVSSI-121 requirements
- Specific to meet Transit, Coach, Heavy Duty & Trailer vehicle requirements
- Excellent NVH properties
- Excellent friction stability
- Excellent disc compatibility
- Asbestos free material
- Includes fitting accessory



### CV Dynamometer Test Machine

Simulate real driving conditions to test the general performance



### Compressibility Test Machine

Ensure the compound braking and NVH performance



### Shear Strength Test Machine

Guarantee the shear strength between the back plate and friction material

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### Advanced Back Plate Process



### Differential Compounds

*PERFORMANCE KME003*

*ULTRA KME018*



### AUSTRALIAN SUPER TRUCKS

Truck Racing began in Australia in 1988 at a rain soaked calder park raceway in Melbourne. The race trucks were simply road-going tractor/prime mover units, which were unhooked from their trailers, had a race seat and harness fitted, then put onto the track to race.

Nowadays the trucks became purpose built racing machines, built simply to race and never pull a trailer or load again. In 1993, the rule book was re-written and the "A" class was renamed to SUPERTRUCKS and the formula was opened up to greater modifications for racing.

Kamien Brake was involved to develop the special racing brake pad compound for the game since 2014, now we supply the unique brake pads to "DIRECT POWER STEERING" to race.



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### PERFORMANCE

### KME003

#### FMVSS-121 CONDITIONS:

Platform: D1203 Air Disc Drive

Axle Rating: 23,000 lb

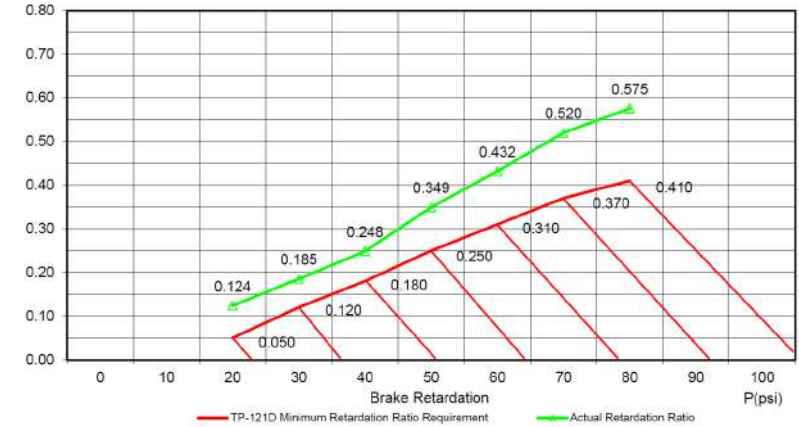
Rolling Radius: 18.7 inch

Air Chamber: MGM 24

#### PHYSICAL PROPERTIES

Density	2.46 g/cm <sup>3</sup>
Compressibility	0.68%
Shear Strength	4.1 N/mm <sup>2</sup>

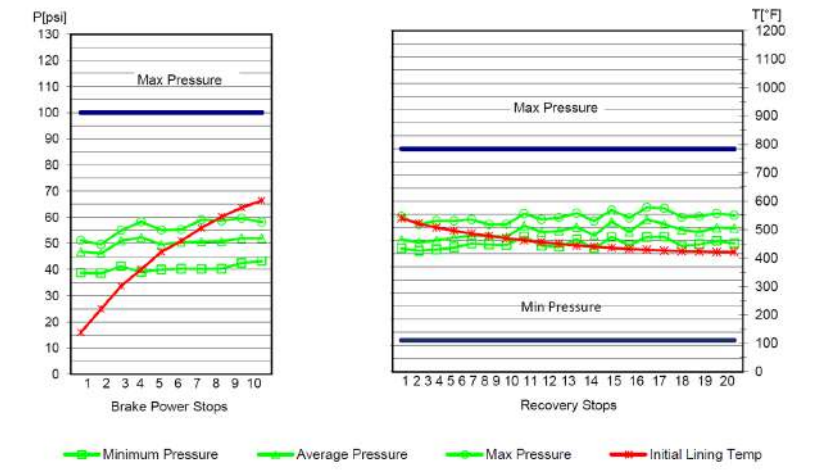
#### RETARDATION



#### WEAR TEST

	Inboard Pad	Outboard Pad
Avg. (inch)	0.068	0.058
Mass(gram)	95.4	80.6
Rotor Disc Runout	0.003 inch	

#### BRAKE POWER & RECOVERY



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### ULTRA KME018

### SUPER LONG LIFE DESIGN

#### FMVSS-121 CONDITIONS:

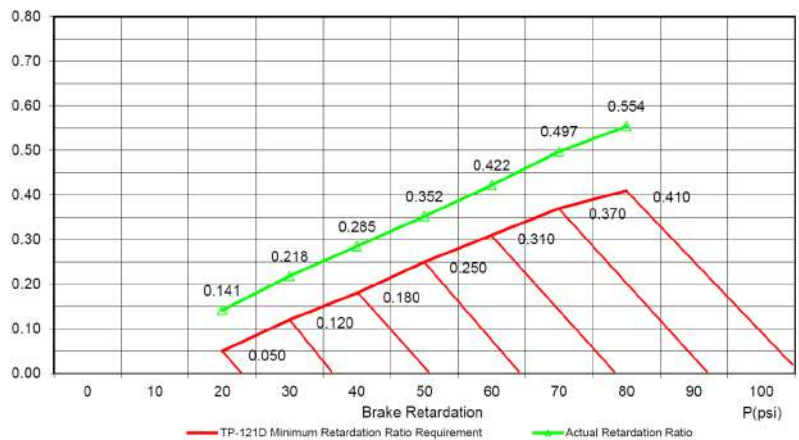
- Platform: D1203 Air Disc Drive
- Axle Rating: 23,000 lb
- Rolling Radius: 18.7 inch
- Air Chamber: MGM 24

#### PHYSICAL PROPERTIES

Density	2.71 g/cm <sup>3</sup>
Compressibility	0.56%
Shear Strength	5.2 N/mm <sup>2</sup>



#### RETARDATION



#### WEAR TEST

	Inboard Pad	Outboard Pad
Avg. (inch)	0.038	0.055
Mass(gram)	51.0	69.5
Rotor Disc Runout		0.002 inch

#### BRAKE POWER & RECOVERY

