

A front-facing view of a white and blue Honda Africa Twin motorcycle on a dirt road. The motorcycle is the central focus, with its dual headlights, front fender, and tires clearly visible. The background is a blurred, hilly landscape under a clear sky. The text '2022 TECHNICAL DATABOOK' is overlaid in white on the right side of the image.

2022 TECHNICAL DATABOOK

METZELER 
MOTORCYCLE TYRES

Range

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With this edition all previous editions become void.
 Technical alterations reserved!
 We would like to point out that we have made the tyre and pressure recommendations for the individual motorcycle types to the best of our knowledge, but without assuming any liability for them.



Safety Warning
 Danger may result from improper use.
 Follow the manufacturer's instructions.

Warning
 The tyres represented in this book are for use only on vehicles for which the "motorcycle tyres" were originally specified by the manufacturer.
 Any other use could be dangerous.

Find us on:

metzeler.com





UNSTOPPABLE DESIRE TO DISCOVER.

INTRODUCING THE NEW TOURANCE™ NEXT 2.

Durable performance and precise handling for long distance journeys in all-weather conditions.

Discover more at: www.metzeler.com



METZELER 

TOURANCE™
NEXT 2

RACING

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**RACING PRO
SUPERBIKE**

**RACETEC™ RR
SLICK**

**RACETEC™ RR
RAIN**

RACING

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RACING PRO

TRACK DAYS

SUPERMOTO

SUPERSPORT

RACETEC™ SM

RACETEC™ SM RAIN

RACETEC™ RR

**RACETEC™ TD
SLICK**

SPORT

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SPORTEC™ M9 RR

SPORTEC™ M7 RR

**SPORTEC™ M5
INTERACT™**

**SPORTEC™
STREET**

**SPORTEC™
STREET 2**

SPORT TOURING

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ROADTEC™ 01 SE

ROADTEC™ 01

**ROADTEC™ Z8
INTERACT™**

ROADTEC™ Z6

TOURING

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LASERTEC™

ME 22™

PERFECT ME 11™

**BLOCK™ K
BLOCK™ C**

PERFECT ME 77

CRUISING

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CRUISETEC™

**ME 888
MARATHON™ ULTRA**

ENDURO STREET

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TOURANCE™ NEXT 2

TOURANCE™ NEXT

TOURANCE™

ENDURO 1 & 2

ENDURO ON/OFF

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KAROO™ STREET

KAROO™ 4

KAROO™ EXTREME

ENDURO 3 SAHARA

ENDURO OFF ROAD

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MCE 6 DAYS EXTREME

MOTOCROSS

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MC360™ MID SOFT

MC360™ MID HARD

MOUSSE & GEL

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SCOOTER





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ROADTEC™ SCOOTER

FEELFREE™






SPORTTEC™ STREET

		MOTORCYCLE				
TYRE SEGMENTATION	SUPERBIKE & SUPERSPORT	NAKED	SUPERMOTO	SPORT TOURER		
						
RACING	RACETEC™ RR SLICK					
	RACETEC™ RAIN					
			RACETEC™ SM			
			RACETEC™ SM RAIN			
	RACETEC™ TD SLICK					
SPORT	RACETEC™ RR K1, K2					
	RACETEC™ RR K3					
	SPORTEC™ M9 RR					
	SPORTEC™ M7 RR					
	SPORTEC™ M5 INTERACT™					
SPORT TOURING		SPORTEC™ STREET 2				
		SPORTEC™ STREET				
	ROADTEC™ 01 & ROADTEC™ 01 SE					
		ROADTEC™ Z8 INTERACT™				
TOURING		ROADTEC™ Z6				
		LASERTEC™				
CRUISING & TOURING						
ENDURO STREET						
					ME22, 11, BLOCK K AND BLOCK C	
ENDURO ON/OFF						
OFF-ROAD						
SCOOTER						

	CLASSIC & SCRAMBLER 	ADVENTURE 	ENDURO 	CROSS 	CRUISER AND TOURER 	SCOOTER 
	RACETEC™ RR K1, K2					
		SPORTEC™ M9 RR				
	PERFECT ME 77					
					CRUISETEC™	
					ME 888 MARATHON ULTRA	
		TOURANCE™ NEXT 2 NEW				
		TOURANCE™ NEXT				
	TOURANCE™					
		ENDURO 1, ENDURO 2				
	KAROO™ STREET					
	KAROO™ 4 NEW					
		KAROO™ EXTREME				
	ENDURO 3 SAHARA					
			6 DAYS EXTREME			
			MC360 (MID SOFT & MID HARD)			
						ROADTEC™ SCOOTER
						FEELFREE™
						SPORTEC™ STREET

RACING



	MOTORCYCLE				
TYRE SEGMENTATION	SUPERBIKE & SUPERSPORT 	NAKED 	SUPERMOTO 	SPORT TOURER 	CLASSIC & SCRAMBLER 
RACING	RACETEC™ RR SLICK				
	RACETEC™ RAIN				
			RACETEC™ SM		
			RACETEC™ SM RAIN		
	RACETEC™ TD SLICK				
	RACETEC™ RR K1, K2				RACETEC™ RR K1, K2
SPORT	RACETEC™ RR K3				

COMPOUND CHOICE

REAR TYRE

RIDING STYLE

A committed riding style raises the tyre operating temperature and can lead to using a softer compound, whilst a smooth riding style reduces the amount of heat generation, thus requiring a harder compound.

OPERATING TEMPERATURE

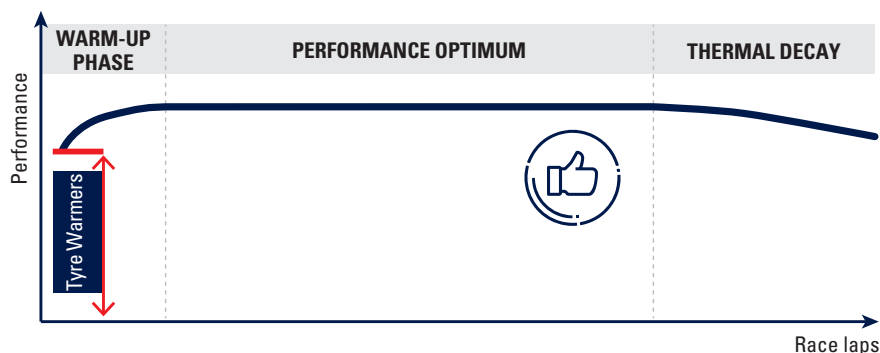
A softer compound requires an higher operating temperature range than a harder compound.

ASPHALT GRADE

A rough asphalt requires a hard compound whilst a smooth asphalt tends to preserve a softer compound.

Using the right compound enables

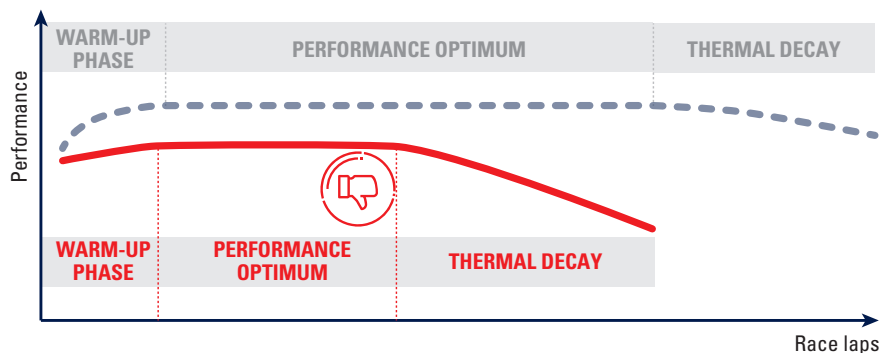
- 👍 Performance Optimum
- 👍 Even wear
- 👍 No blisters
- 👍 No grains
- 👍 Consistent performance



Using a too hard compound in

- AGGRESSIVE riding style
- HOT operating temperature
- SMOOTH asphalt

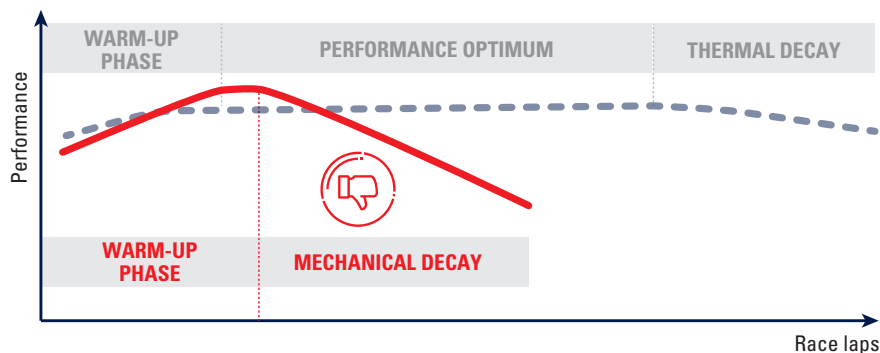
- 👎 Inconsistent performance
- 👎 Shortened lifespan



Using a too soft compound in

- SMOOTH riding style
- COOL operating temperature
- ROUGH asphalt

- 👎 Cold-tearing
- 👎 Performance drop
- 👎 Shortened lifespan



Tips for tyre pressure and warmers

NHS Slick tyres - RACETEC™ RR SLICK, RACETEC™ TD SLICK, RACETEC™ SM

F/R	RIM	SIZE	RECOMMENDED RIM SIZE [in.]	RECOMMENDED COLD PRESSURE (W/O TYRE WARMERS) [bar] (psi)	RECOMMENDED HOT PRESSURE (AFTER TYRE WARMERS) [bar] (psi)	TYRE WARMERS GUIDELINES
FRONT	16,5"	125/75 R420	3.50	1.6/1.8 (23/26)	1.7/1.9 (25/28)	40min @ 80°C (176°F)
	17"	120/70 R17		2.1/2.2 (30/32)	2.2/2.5 (32/36)	50min @ 80°C (176°F)
		125/70 R17		2.1/2.2 (30/32)	2.2/2.5 (32/36)	50min @ 80°C (176°F)
		125/75 R17		1.6/1.8 (23/26)	1.7/1.9 (25/28)	40min @ 80°C (176°F)
REAR	17"	165/55 R17	5.00 – 6.00	1.6/1.8 (23/26)	1.7/1.9 (25/28)	40min @ 80°C (176°F)
		180/55 R17	5.50			
		180/60 R17	5.50 – 6.00			
		190/55 R17	5.50 – 6.00			
		200/55 R17	6.00			
		200/60 R17	6.00			
		200/65 R17	6.00			

NHS Slick tyres - RACETEC™ RR RAIN, RACETEC™ SM RAIN

F/R	RIM	SIZE	RECOMMENDED RIM SIZE [in.]	RECOMMENDED COLD PRESSURE (W/O TYRE WARMERS) [bar] (psi)	RECOMMENDED HOT PRESSURE (AFTER TYRE WARMERS) [bar] (psi)	TYRE WARMERS GUIDELINES
FRONT	17"	120/70 R17	3.50	2.3 (34)	2.4 (35)	30min @ 80°C (176°F)
REAR	17"	165/55 R17	5.50	1.9 (28)	2.0 (29)	
		190/60 R17	5.50 – 6.00			

Street Legal tyres - RACETEC™ RR

F/R	RIM	SIZE	RECOMMENDED RIM SIZE [in.]	RECOMMENDED COLD PRESSURE (W/O TYRE WARMERS) [bar] (psi)	RECOMMENDED HOT PRESSURE (AFTER TYRE WARMERS) [bar] (psi)	TYRE WARMERS GUIDELINES
FRONT	17"	120/70 ZR17	3.50	2.0/2.2 (29/32)	2.1/2.4 (30/35)	50min @ 80°C (176°F)
	18"	110/80 ZR18				
REAR	17"	180/55 ZR17	5.50	1.6/1.8 (23/26)	1.7/1.9 (25/28)	50min @ 80°C (176°F)
		180/60 ZR17	5.50 – 6.00			
		190/55 ZR17	5.50 - 6.00			
		200/55 ZR17	6.00			
	18"	130/80 ZR18	5.50			
		150/65 ZR18	5.50 – 6.00			
		160/60 ZR18	5.50 - 6.00			

METZELER professional racing slick tyres, the winner of 2019 Senior TT

- High-intensity adherence, agility and predictability at all stages thanks to racing profiles and state-of-the-art technology compounds
- Trajectory precision and superb high-speed stability developed over the toughest Road Races
- Performance consistency, lap after lap or over the course of lengthy road races
- 2022 range implements prototype developments of 2021 season and new sizes for special racing initiatives

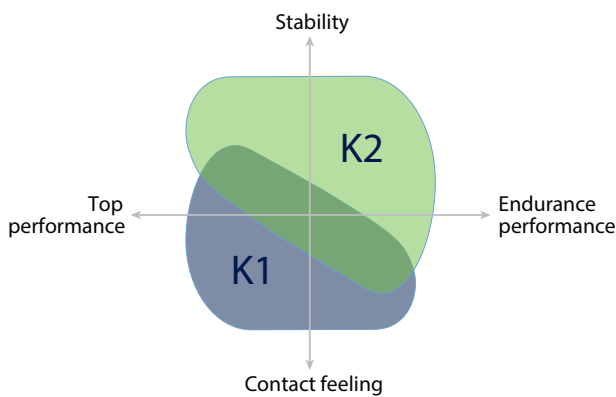


FRONT SIZE	SPECIAL VERSION	IP CODE	NOTE
17 120/70 R 17 NHS TL	K1	2698500	
120/70 R 17 NHS TL	K2	2698600	
125/70 R 17 NHS TL	K1	4159100	NEW

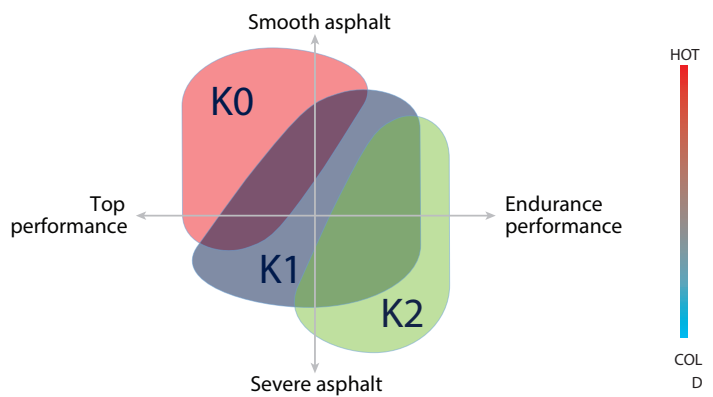
REAR SIZE	SPECIAL VERSION	IP CODE	NOTE
17 180/60 R 17 NHS TL	K1	2698700	
180/60 R 17 NHS TL	K2	2698800	
200/60 R 17 NHS TL	K0	3656700	
200/60 R 17 NHS TL	K1	2698900	
200/60 R 17 NHS TL	K2	2699000	
200/65 R 17 NHS TL	K0	4159200	NEW

TL = Tubeless
NHS = Not for Highway Service

FRONT SPECIFICATION CHOICE



REAR SPECIFICATION CHOICE



Note: Temperature scale refers to tyre operating temperature. Compound choice can vary depending on bike setup and riding style. Please check with your dealer or racing service.

K0 = Super Soft
K1 = Soft
K2 = Medium



NHS Competition tyres for severe wet conditions

- Deep tread grooves for efficient water evacuation
- 100% Silica compound for grip on extreme wet conditions
- Superb traction and stability at high speed

FRONT SIZE

17 120/70 R 17 NHS TL

SPECIAL VERSION

KR1

IP CODE

3310800

NOTE

REAR SIZE

17 190/60 R 17 NHS TL

SPECIAL VERSION

KR1

IP CODE

3310900

NOTE

TL = Tubeless
NHS = Not for Highway Service



Leave no track unraced

- Plug&Play racing fun
- Quick warm-up makes turns tyre warmers into an option
- Reusable along several sessions thanks to high thermal stress and cold tearing resistance
- Reversible rear tyres to exploit the last patch of rubber



FRONT SIZE	SPECIAL VERSION	IP CODE	NOTE
17 120/70 R 17 NHS TL		3895000	

REAR SIZE	SPECIAL VERSION	IP CODE	NOTE
17 180/55 R 17 NHS TL		3895100	
180/60 R 17 NHS TL		3942900	
190/55 R 17 NHS TL		3895200	
200/55 R 17 NHS TL		3895300	

TL = Tubeless
 NHS = Not for Highway Service



Racetec™

SM



Racetec™ line tyre specialised for supermoto. Advanced racing compounds and profile for the most effective straight and sideways riding

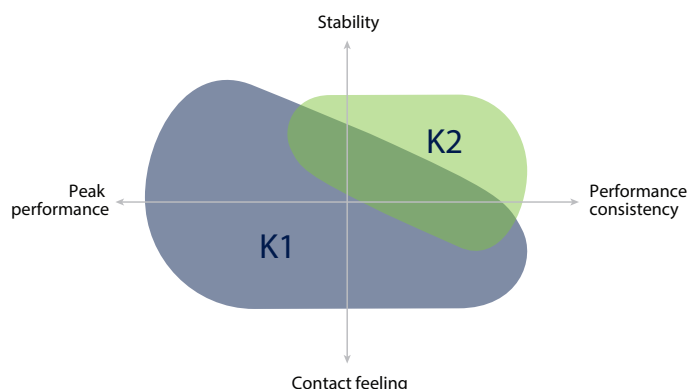
- Superb line holding and excellent steering precision while braking
- Fast warm-up, immediate self-cleaning
- Silica compounds for quick warm-up and optimised abrasion resistance
- Extra mechanical grip provided for off-road track sections

FRONT SIZE	SPECIAL VERSION	IP CODE	NOTE
16.5 125/75 R 420 NHS TL	K1	2542100	
	K2	2542200	
17 125/75 R 17 NHS TL	K1	3904700	
	K2	3904800	

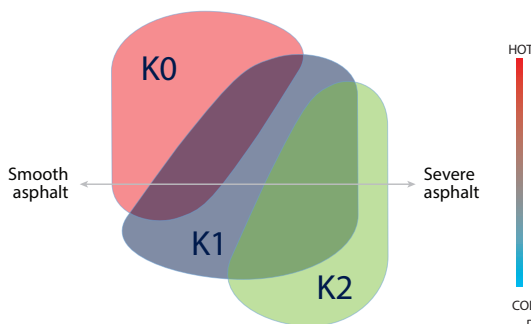
REAR SIZE	SPECIAL VERSION	IP CODE	NOTE
17 165/55 R 17 NHS TL	K0	2730800	
165/55 R 17 NHS TL	K1	2730900	
165/55 R 17 NHS TL	K2	2731000	

TL = Tubeless
NHS = Not for Highway Service

FRONT SPECIFICATION CHOICE



REAR SPECIFICATION CHOICE



Note: Temperature scale refers to tyre operating temperature. Compound choice can vary depending on bike setup and riding style. Please check with your dealer or racing service.

K0 = Super Soft
K1 = Soft
K2 = Medium



Racetec™

SM RAIN

METZELER racing expertise developed for Supermotard racing in severe wet conditions

- State-of technology Silica-based compounds for immediate warm-up and extreme chemical grip
- Tread design contributes to mechanical grip offering immediate self-cleaning and mechanical grip

FRONT SIZE	SPECIAL VERSION	IP CODE	NOTE
16.5 125/75 R 420 NHS TL		2812800	
17 125/75 R 17 NHS TL		2812900	

REAR SIZE	SPECIAL VERSION	IP CODE	NOTE
17 165/55 R 17 NHS TL		2813000	

TL = Tubeless
NHS = Not for Highway Service

Feel the RRace, feel the RRoad

- High-intensity adherence, agility and predictability at all stages thanks to racing profiles and state-of-the-art technology compounds developed in road legal specifications
- Trajectory precision and superb high-speed stability developed over the toughest Road Races
- 18 inches sizes developed for classic racing
- K2 compound, designed to deliver remarkable performance consistency over multiple and diverse track sessions
- K3 the endurance-oriented version of RACETEC™ RR treaded racing tyres, featuring dual compound rears for top lateral grip and extended duration

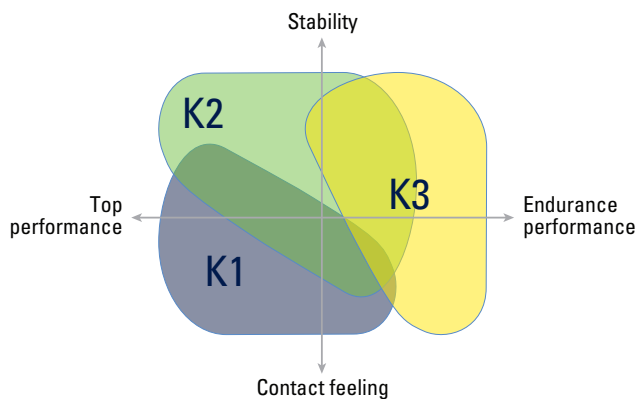


FRONT SIZE	SPECIAL VERSION	IP CODE	NOTE
17 120/70 ZR 17 M/C (58W) TL	K1	2548300	
	K2	2548400	
	K3	2525700	
18 110/80 ZR 18 M/C (58W) TL	K1	2854500	CLASSIC RACING

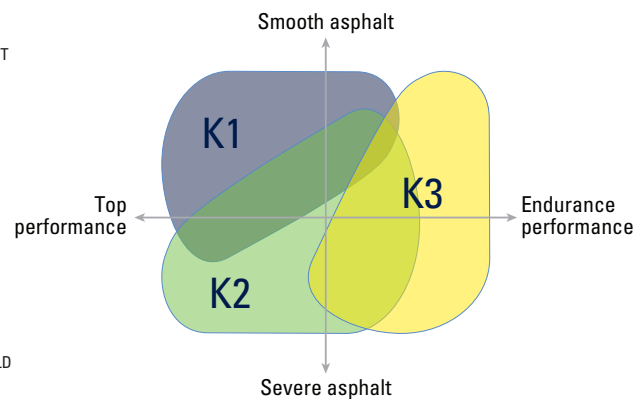
REAR SIZE	SPECIAL VERSION	IP CODE	NOTE	
17 160/60 ZR 17 M/C (69W) TL	K2	2548500		
	K3	2525800		
	180/55 ZR 17 M/C (73W) TL	K2	2548600	
		K3	2525900	
	180/60 ZR 17 M/C (75W) TL	K1	2548700	
	180/60 ZR 17 M/C (75W) TL	K2	2548800	
	190/50 ZR 17 M/C (73W) TL	K3	2526000	
	190/55 ZR 17 M/C (75W) TL	K1	3888100	
	190/55 ZR 17 M/C (75W) TL	K2	3888200	
	190/55 ZR 17 M/C (75W) TL	K3	2526100	
	200/55 ZR 17 M/C (78W) TL	K1	3888300	
	200/55 ZR 17 M/C (78W) TL	K2	3888400	
200/55 ZR 17 M/C (78W) TL	K3	3888500		
18 130/80 ZR 18 M/C (66W) TL	K1	3427600	CLASSIC RACING	
	K1	2854600	CLASSIC RACING	
	K1	3272300	CLASSIC RACING	

TL = Tubeless

FRONT SPECIFICATION CHOICE



REAR SPECIFICATION CHOICE



Note: Temperature scale refers to tyre operating temperature. Compound choice can vary depending on bike setup and riding style. Please check with your dealer or racing service.

K0 = Super Soft
K1 = Soft
K2 = Medium

SPORT



MOTORCYCLE

SUPERBIKE & SUPERSPORT



NAKED



SUPERMOTO



SPORT TOURER



ADVENTURE



SPORT

SPORTEC™ M9 RR

SPORTEC™ M7 RR

SPORTEC™ STREET 2

SPORTEC™ STREET

Ride the Unexpected

Latest update of the multiple test winner Sportec M7RR.

- **New for 2022: Also available in select Adventure bike sizes**
- Outstanding handling, for a great riding pleasure
- Quick warm-up, impressive wet response thanks to 100% silica compounds
- Plenty of grip since the first corner to hit your toughest challenges
- Cap&base dual compound layout delivers best performance throughout the entire tyre lifespan*

FRONT SIZE	SPECIAL VERSION	IP CODE	NOTE
17	110/70 R 17 M/C 54H TL	3627200	
	110/70 ZR 17 M/C 54W TL	3626600	
	120/70 ZR 17 M/C (58W) TL	3616900	
19	120/70 R 19 M/C 60V TL	3617500	NEW
	120/70 ZR 19 M/C 60W TL	4183100	NEW

REAR SIZE	SPECIAL VERSION	IP CODE	NOTE
17	140/70 R 17 M/C 66H TL	3627300	
	150/60 R 17 M/C 66H TL	3627400	
	150/60 ZR 17 M/C 66W TL	3626700	
	160/60 ZR 17 M/C (69W) TL	3617000	
	170/60 R 17 M/C 72V TL	3617600	NEW
	170/60 ZR 17 M/C 72W TL	4183200	NEW
	180/55 ZR 17 M/C (73W) TL	3617100	
	180/60 ZR 17 M/C (75W) TL	3626800	
	190/50 ZR 17 M/C (73W) TL	3617200	
	190/55 ZR 17 M/C (75W) TL	3617300	
200/55 ZR 17 M/C (78W) TL	3617400		

TL = Tubeless



bikereview.com.au (AU)
published on 5th March 2020

SCORE OF 9.1 OUT OF 10 – EXCELLENT!

“Be assured that the M9 RRs played a pivotal role in really providing a bigger envelope for me to play in they felt rock solid even after multiple sessions of abuse beforehand. Exuberant.”

motorcycle.com (US)
published on 3rd March 2020

“Within a mile or so, I felt comfortable bending the MT 07 I had for the street ride into the corners without concern. As the pace hotted up and the ambient temperature climbed, I never gave grip a second thought.”

Motociclismo (IT)
Issue: 04/2020

“Excellent on the road, the Metzeler SportecM9 RR also perform very well on the circuit. A lot of confidence given by the front and perfect balance with the rear.”

motorcyclenews.com
published on 3rd March 2020

“Fitted to our S1000XR test bike they help carve out assured, accurate lines straight to an apex. Just pick a line and boom, the BMW darts there, transforming this sports adventure into a crisp, svelte steering sportsbike.”



*Specification may vary depending on tyre size

Sportec™ M7RR



**Wet roads, dry roads. Just ride it.
Engineered to empower true riders**

- Dedicated to all riders with a sporty riding style, looking for grip in any road condition, weather and temperature
- The first supersport tyre introducing a new paradigm of contact feeling on wet
- Dual-compound rears, combined with INTERACT™ technology*
- Profiles and Structures derived from METZELER expertise in Road Races

FRONT SIZE	SPECIAL VERSION	IP CODE	NOTE
16 130/70 ZR 16 M/C (61W) TL		3865600	
17 110/70 ZR 17 M/C 54W TL		2449800	
120/60 ZR 17 M/C (55W) TL		2449900	
120/70 ZR 17 M/C (58W) TL	(M)	4042800	

REAR SIZE	SPECIAL VERSION	IP CODE	NOTE
17 150/60 ZR 17 M/C 66W TL		2450100	
160/60 ZR 17 M/C (69W) TL		2450200	
180/55 ZR 17 M/C (73W) TL		2450300	
190/50 ZR 17 M/C (73W) TL		2450400	
190/55 ZR 17 M/C (75W) TL		2450500	

TL = Tubeless

SPORTEC™ M5 INTERACT™

A great all-round Supersport tyre.



FRONT SIZE	SPECIAL VERSION	IP CODE	NOTE
17 110/70 R 17 M/C 54H TL		2375100	
120/70 ZR 17 M/C (58W) TL		1927400	

REAR SIZE	SPECIAL VERSION	IP CODE	NOTE
17 150/60 R 17 M/C 66H TL		2375200	
160/60 ZR 17 M/C (69W) TL		1971300	
180/55 ZR 17 M/C (73W) TL		1927600	

TL = Tubeless

*Specification may vary depending on tyre size

The METZELER sportiest X-Ply tyre and the latest evolution of the multiple test winner Sportec family

- Sporty and aggressive tread pattern design for greater contact feeling and trajectory precision
- Slick shoulder for superb cornering grip and leaning confidence
- Racing derived profiles for an outstanding sporty handling and steering precision
- Plenty of grip thanks to state-of-the art compounding technology
- Evolved groove technology design for grip and safety feeling also on wet
- Front/Rear specifications for maximum versatility



FRONT/REAR SIZE	SPECIAL VERSION	IP CODE	NOTE
17 70/90 - 17 M/C 38S TL		4101500	FRONT/REAR
80/90 - 17 M/C 44S TL		4101600	FRONT/REAR
90/80 - 17 M/C 46S TL		4101700	FRONT/REAR
110/70 - 17 M/C 54S TL		4108400	FRONT/REAR
140/70 - 17 M/C 66S TL		4108500	REAR

TL = Tubeless



Sportec™ Street

METZELER X-Ply sport tyre for sporty motorcycles with X-Ply fitments up to 400cc. For a thrilling, agile and long lasting ride

- Designed to maximize the on-road performances of sport and naked bikes delivering safe and stable wet performance
- Sporty behavior thanks to enhanced contact patch
- Riding precision and directionality

FRONT SIZE	SPECIAL VERSION	IP CODE	NOTE
17 100/80 - 17 M/C 52H TL		2715700	

FRONT/REAR SIZE	SPECIAL VERSION	IP CODE	NOTE
17 120/70 - 17 M/C 58S TL		2761600	

REAR SIZE	SPECIAL VERSION	IP CODE	NOTE
17 130/70 - 17 M/C 62H TL		2715400	
150/60 - 17 M/C 66H TL		2715800	







TL = Tubeless



SPORT TOURING



MOTORCYCLE

	SUPERBIKE & SUPERSPORT	NAKED	SUPERMOTO	SPORT TOURER	CLASSIC & SCRAMBLER	ADVENTURE
TYRE SEGMENTATION						
SPORT TOURING	ROADTEC™ 01 & ROADTEC™ 01 SE					
	ROADTEC™ Z8 INTERACT™					
	LASERTEC™					
URBAN MOBILITY				ME22, 11, BLOCK K AND BLOCK C		

THE ROADTEC™ FAMILY

Dedicated to all kinds of sport touring bikes.

ROADTEC™ 01SE



Radial sizes

ROADTEC™ 01 SE:
sport performance for naked,
trail or super sport bikes.

ROADTEC™ 01



ROADTEC™ 01
(HWM* sizes): the sport touring
tyre with reinforced carcass
construction for adventure and
heavy touring motorcycles.



X-Ply sizes

ROADTEC™ 01
(X-PLY sizes):
the perfect all-rounder in the
classic segment.



Super sport, naked and
Adventure motorcycles



Sport and Grand Tourer



Classics and old glories

*Heavy weight motorcycle



Ride (UK) test winner
Issue: 06/2020

MCN (UK) test winner
Issue: 08/2020

"The difference these made to the BMW was very impressive. It felt lighter, like it had better suspension and worked amazingly from cold. The biggest improvement of any tyre here"

MCN (UK)

published online 2nd March 2020

"[...] the steering is lighter than you'd expect from traditional sports touring rubber and there's more rear grip on the road than any sane person would ever need."

Moto.it (IT)

published online 31st July 2020

"Riding confidence and stability are two constants of the 01SE behaviour [...]. But maybe, the aspect that is most appreciated is that sense of linearity, neutrality, which characterises corner entry and changes in lean angles."

Motociclismo (IT)

published online 27th June 2020

"The first thing that impressed us was the light steering [...]. And then there's an excellent ability to hold the intended line."

The Sporty Side of Touring

- Complementing the range of the multiple test winner ROADTEC™ 01 with a range dedicated to sport tourer, naked, supersport and adventure motorcycles (New for 2022)
- Improved sporty riding benefits whilst keeping the outstanding sport touring characteristics for mileage and wet conditions
- Excellent grip at full lean thanks to slick design

FRONT SIZE	SPECIAL VERSION	IP CODE	NOTE
17 120/70 ZR 17 M/C (58W) TL		3850800	
19 110/80 R 19 M/C 59V TL		4129400	NEW
120/70 ZR 19 M/C 60W TL		4129500	NEW

REAR SIZE	SPECIAL VERSION	IP CODE	NOTE
17 150/70 R 17 M/C 69V TL		4129700	NEW
160/60 ZR 17 M/C (69W) TL		3850900	
170/60 ZR 17 M/C 72W TL		4129600	NEW
180/55 ZR 17 M/C (73W) TL		3851000	
190/50 ZR 17 M/C (73W) TL		3851200	
190/55 ZR 17 M/C (75W) TL		3851300	

TL = Tubeless

TECHNICAL SPECIFICATIONS OF ROADTEC™ 01 SE

ROADTEC™
01

ROADTEC™
01SE

Front tyres of R01SE are multi-pitch as well as R01, improving acoustic comfort. Shortened and progressive tread grooves in the shoulder area

FRONT



Slick shoulder:

- Increased grip until the limit lean angle
- Improved safety feeling when cornering

REAR



The sport touring world has changed. Ride longer, ride farther, ride safer

The METZELER touring tyres, with a focus on enhancing grip on wet and low friction surfaces, an increased mileage and a high degree of adaptability to different motorcycles, riding styles and conditions. The contemporary answer to past and future needs.

- Enhanced grip on wider range of tarmac/weather conditions thanks to the tread design and unique compounds
- Larger and shorter contact patch + dual compound layout increase rear tyre mileage*
- METZELER patented Interact system working in conjunction with tyre structure to ensure riding stability, comfort and precision

FRONT SIZE	SPECIAL VERSION	IP CODE	NOTE
17 120/60 ZR 17 M/C (55W) TL		2669900	
120/70 ZR 17 M/C (58W) TL	(E)	3803500	
120/70 ZR 17 M/C (58W) TL	HWM	2681200	

REAR SIZE	SPECIAL VERSION	IP CODE	NOTE
17 160/70 ZR 17 M/C 73W TL		4016900	
180/55 ZR 17 M/C (73W) TL	(E)	3562700	
180/55 ZR 17 M/C (73W) TL	(M)	4042700	NEW
180/55 ZR 17 M/C (73W) TL	HWM	2681300	
190/50 ZR 17 M/C (73W) TL	HWM	2681400	
190/55 ZR 17 M/C (75W) TL	HWM	2681500	

TL = Tubeless

HWM = Heavy Weight Motorcycles

X-Ply

FRONT SIZE	SPECIAL VERSION	IP CODE	NOTE
16 100/90 - 16 M/C 54H TL		3240900	
110/90 - 16 M/C 59V TL		3241000	
130/90 - 16 M/C 67H TL		3555200	
17 100/80 - 17 M/C 52H TL		3241100	
110/70 - 17 M/C 54H TL		3132400	
110/80 - 17 M/C 57H TL		3241200	
18 80/100 - 18 M/C 47P TL		3775900	
100/90 - 18 M/C 56H TL		3241400	
100/90 - 18 M/C 56V TL		3241500	
19 90/90 - 19 M/C 52H TL		3627800	
100/90 - 19 M/C 57V TL		3132500	
3.25 - 19 M/C 54V TL		3242700	

REAR SIZE	SPECIAL VERSION	IP CODE	NOTE
16 130/90 - 16 M/C 67V TL		3241800	
150/80 - 16 M/C 71H TL		3555300	
17 130/70 - 17 M/C 62H TL		3132600	
130/80 - 17 M/C 65H TL		3241900	
140/70 - 17 M/C 66H TL		3242100	
140/80 - 17 M/C 69V TL		3242200	
150/70 - 17 M/C 69V TL		3242400	
18 90/90 - 18 M/C 51P TL		3776000	
110/90 - 18 M/C 61H TL		3242500	
120/80 - 18 M/C 62H TL		3242600	
4.00 - 18 M/C 64V TL		3242800	

TL = Tubeless



MO Tipp (DE) - Issue: 10/2018

"The perfect tyre for all-year riders and bad weather conditions. Great handling and a high mileage."

MCN (UK) - 'Tyre of the year' award 2017

Chief Road Tester Michael Neeves from Motorcycle News explained the reasons why the METZELER ROADTEC™ 01 won the

award for the second consecutive year: "The METZELER ROADTEC™ 01 has moved the game on a notch. They warm up exceptionally fast, even in the coldest conditions and offer good grip no matter the weather. They're almost perfect."



Motorrad (DE) Test Winner in the Wet
Issue: 12/2017



Motorrad&Reisen (DE)
Test Touring Tyres - Issue: 78/2017
Very good tyre

Motorrad (DE) Test Winner - Issue: 06/2016
"... in the Touring category the new Metzeler Roadtec 01 is leading: a sporty and agile road tyre which provides extreme back up grip in the wet ..."

*Actual specification may vary depending on tyre size

ROADTEC™ Z8 INTERACT™



**Excellence on wet roads.
Water won't catch you unprepared**

- A long-time test winner until the breakthrough of ROADTEC™ 01, it provides a sublime blend of precise and effortless handling
- INTERACT™ Technology with three zone steel string tension layout that enhances ride enjoyment: High Mileage and Safety Feeling when cornering
- Dual compound on rear (M) and (O) special version, with five zone steel string tension layout provide the best wet performance in the Sport Touring segment
- Riding easiness, Predictability, Neutrality in maneuvers
- CMT (contour Modeling Technology) delivers more intuitive and effective handling characteristics
- π shaped tread pattern design provides improved water drainage, safety on wet and modern look

FRONT SIZE	SPECIAL VERSION	IP CODE	NOTE
17 110/70 ZR 17 M/C 54W TL	(M)	2491300	
120/70 ZR 17 M/C (58W) TL	(E)	2126600	
120/70 ZR 17 M/C (58W) TL	(M)	2283600	
18 110/80 ZR 18 M/C (58W) TL	(M)	2491500	
120/70 ZR 18 M/C (59W) TL	(M)	2491400	

REAR SIZE	SPECIAL VERSION	IP CODE	NOTE
17 150/70 ZR 17 M/C (69W) TL	(M)	2491700	
160/60 ZR 17 M/C (69W) TL	(M)	2491600	
170/60 ZR 17 M/C (72W) TL	(M)	2491900	
180/55 ZR 17 M/C (73W) TL	(M)	2283700	
180/55 ZR 17 M/C (73W) TL	(O)	2283800	
190/50 ZR 17 M/C (73W) TL	(M)	2283900	
190/50 ZR 17 M/C (73W) TL	(O)	2284000	
190/55 ZR 17 M/C (75W) TL	(M)	2284100	
190/55 ZR 17 M/C (75W) TL	(O)	2284200	
18 140/70 ZR 18 M/C (67W) TL	(M)	2415800	
160/60 ZR 18 M/C (70W) TL	(M)	2491800	

TL = Tubeless

SPECIAL VERSION

Front E 120/70 ZR 17 M/C (58W) TL 2126600. Different tyre profile developed for enhanced handling. **Honda** Integra NC700, NC700S, NC700X.
Rear C 180/55 ZR 17 M/C (73W) TL 2008500. 2 plies Rayon for improved stability. **Yamaha** FJR 1300 **BMW** R1200 R/RT.
Rear K 180/55 ZR 17 M/C (73W) TL 2426800. Stiffer Construction for improved stability. **BMW** K1300 GT.
Rear C 190/55 ZR 17 M/C (75W) TL 2058200. 2 plies Rayon for improved stability. **BMW** K 1600 GT/GTL.



ROADTEC™ Z6

Sport Touring radial tyre delivering performance in all-weather conditions

The perfect all-round radial Sport Touring tyre. For value seekers, Z6 delivers valuable dry grip, wet performance, light, handling, comfort – and mileage.

FRONT SIZE	SPECIAL VERSION	IP CODE	NOTE
17 120/70 ZR 17 M/C (58W) TL		1448100	

REAR SIZE	SPECIAL VERSION	IP CODE	NOTE
17 160/60 ZR 17 M/C (69W) TL		1448700	
160/70 ZR 17 M/C 73W TL		1619500	
170/60 ZR 17 M/C (72W) TL		1449100	
180/55 ZR 17 M/C (73W) TL		1448600	
190/50 ZR 17 M/C (73W) TL		1449000	

TL = Tubeless

LASERTEC™

Heritage tread pattern and modern technological solutions to enhance style and performance of the motorcycle

- “Sport Touring” carcass design with lighter, more resistant Polyester fibre, giving higher comfort and improving handling
- “Classic” tread pattern design ensuring effective water dispersal for safe wet riding and wear regularity with long lasting mileage
- High-Silica compounds for outstanding grip both in dry and in wet

FRONT SIZE	SPECIAL VERSION	IP CODE	NOTE
16 120/80 VB 16 M/C (60V) TL		1531100	
18 100/90 V 18 M/C (56V) TL		1534500	
110/80 - 18 M/C 58H TL		1530500	
110/80 V 18 M/C (58V) TL		1534800	
90/90 - 18 M/C 51H TL		1531700	
19 100/90 - 19 M/C 57V TL		1530100	
3.25 - 19 M/C 54H TL		1531300	
21 90/90 - 21 M/C 54H TL		1531800	

REAR SIZE	SPECIAL VERSION	IP CODE	NOTE
15 130/90 - 15 M/C 66S TL		1806700	
16 150/80 VB 16 M/C (71V) TL		1533400	
17 160/70 B 17 M/C 73V TL		1533800	
18 130/70 - 18 M/C 63H TL		1533000	
130/80 V 18 M/C (66V) TL		1533100	

TL = Tubeless



PERFECT ME 77™

A renowned classic tread pattern dedicated to medium-small capacity motorcycles, thanks to a unique groove geometry for great water drainage, high mileage and consistent performance.

FRONT SIZE	SPECIAL VERSION	IP CODE	NOTE
16 110/90 - 16 M/C 59S		1016500	

FRONT/REAR SIZE	SPECIAL VERSION	IP CODE	NOTE
18 3.00 - 18 M/C 47S TL		1204700	

REAR SIZE	SPECIAL VERSION	IP CODE	NOTE
15 130/90 - 15 M/C 66S TL		1268200	
140/90 - 15 M/C 70S		0747300	
16 110/90 - 16 M/C 59S TL		1077700	
120/90 - 16 M/C 63H TL		0133100	
18 3.50 - 18 56S		0130500	
4.00 - 18 64H TL		0131800	

TL = Tubeless





ME 22™

From METZELER legacy, Tyre Technology for devotees of vintage customizations

- Tyre contour with wide curvature for easy handling and precise cornering
- Geometric art tread design with center longitudinal groove and thick sidewall for a unique vintage look, efficient water drainage and high mileage
- Proven grip and high slip resistance on wet and dry road

FRONT SIZE	SPECIAL VERSION	IP CODE	NOTE
17 60/100 - 17 M/C 33L		1713400	
FRONT/REAR SIZE	SPECIAL VERSION	IP CODE	NOTE
17 2.50 - 17 M/C 43P Reinf		2704400	
2.75 - 17 M/C 47P Reinf		2704500	
3.00 - 17 M/C 50P Reinf		0116100	
18 2.75 - 18 M/C 48P TL Reinf		1546300	
3.00 - 18 M/C 52P TL Reinf		3609800	
3.25 - 18 59P Reinf		0113700	
3.50 - 18 M/C 62P TT Reinf		3609900	

TL = Tubeless



PERFECT ME 11™

FRONT SIZE	SPECIAL VERSION	IP CODE	NOTE
18 3.25 - 18 52H		0111700	
19 3.00 - 19 49S		0747200	
3.25 - 19 54S TL		0111100	

TL = Tubeless



BLOCK™ K

FRONT/REAR SIZE	SPECIAL VERSION	IP CODE	NOTE
18 4.00 - 18 64P	Sidecar	0109700	

TL = Tubeless



BLOCK™ C




FRONT/REAR SIZE	SPECIAL VERSION	IP CODE	NOTE
16 2.50 - 16 41P Reinf		1419400	
2.75 - 16 46P Reinf		0109200	
3.25 - 16 55P Reinf		0109500	
18 3.25 - 18 M/C 52S		0712800	
3.50 - 18 56S		0932300	
4.00 - 18 64H (C) TOURING SPEC		0110100	
19 3.00 - 19 54P Reinf		0109800	
3.25 - 19 54P		0109900	
3.50 - 19 57P		0110000	

TL = Tubeless

CRUISING



CRUISERS AND TOURERS

	Cruisers 	Tourers 	Custom 
PERFORMANCE	CRUISETEC™		
MILEAGE	ME 888 MARATHON™ ULTRA		

Product	Target Motorcycles	Main benefits
CRUISETEC™	Cruisers	Top handling, Dry and wet grip, easy line taking and holding, performance consistency, effortless riding, safety.
ME 888 Marathon™	All typologies of American-styled cruisers and tourers, customised versions	Mileage, Comfort, Wet Grip, range width for customizations
ME 888 Marathon™ White Wall		+ White Wall for Classic style look

CRUISETEC™

Performance Perfected

The ultimate V-Twin tyre to perfect the performance of yesterday's, today's and tomorrow's V-Twins

- Enjoy performance-cruising also in wet conditions
- A consistent performance
- Smooth and effortless riding
- Enhanced confidence and safety
- Dual-Compound layout on rears and performance-oriented contour

FRONT SIZE	SPECIAL VERSION	IP CODE	NOTE
16 MT90 B 16 M/C 72H TL		3578000	
130/90 B 16 M/C 73H TL Reinf		3576400	
150/80 - 16 M/C 71H TL		3576900	
17 100/80 - 17 M/C 52H TL		3822700	NEW
130/80 B 17 M/C 65H TL		3576100	
130/80 B 17 M/C 65H TL	(I)	3950900	
18 130/70 B 18 M/C 63H TL		3974500	
130/70 R 18 M/C 63H TL		3578400	
160/60 R 18 M/C 70V TL		3797200	
19 100/90 - 19 M/C 57H TL		3576600	
110/90 - 19 M/C 62H TL		3577600	
120/70 ZR 19 M/C (60W) TL		3577300	
130/60 B 19 M/C 61H TL		3576300	
130/60 B 19 M/C 66H TL Reinf		3773300	
21 MH90 - 21 M/C 54H TL		3577800	
120/70 B 21 M/C 68H TL Reinf		3577200	
130/60 B 21 M/C 63H TL		3797300	

REAR SIZE	SPECIAL VERSION	IP CODE	NOTE
15 140/75 R 15 M/C 65H TL		3822800	NEW
16 MU85 B 16 M/C 77H TL		3578100	
MT90 B 16 M/C 74H TL		3578300	
130/90 B 16 M/C 73H TL Reinf		3576800	
150/80 B 16 M/C 77H TL Reinf		3576500	
180/60 R 16 M/C 80H TL Reinf		3577700	
180/60 R 16 M/C 80H TL Reinf	(I)	3838700	
180/65 B 16 M/C 81H TL Reinf		3576200	
180/70 B 16 M/C 77H TL		3577000	
200/55 R 16 M/C 77H TL Reinf		3578500	
17 160/70 B 17 M/C 79V TL Reinf		3576700	
200/55 R 17 M/C 78V TL		3577900	
18 150/70 B 18 M/C 76H TL Reinf		3578200	
180/55 B 18 M/C 80H TL Reinf		3577100	
180/55 ZR 18 M/C (74W) TL		3577500	
240/40 VR 18 M/C (79V) TL		3577400	
260/40 VR 18 M/C (84V) TL		3656900	
21 260/35 VR 21 M/C (83V) TL		4079500	Distributed by Thunderbike only - NEW**

TL = Tubeless

** THUNDERBIKE
Güterstraße 5
DE-46499 Hamminkeln

Phone: +49 02852 67770
Fax: +49 02852 5444
Email: info@thunderbike.de

*Actual specification may vary depending on tyre size



ME 888 MARATHON™ ULTRA



Ultra mileage, Metzeler performance

- Ultra high mileage coupled with Metzeler performance and handling also on wet
- Specifically designed for big tourers, V-Twin cruisers and their customizations
- Technology offering consistent performance throughout the tyre's life
- Outstanding smooth handling
- Ultra-wide range including radial and bias belted tyres, XXL fronts and rears, fronts up to 23 inches and whitewalls for an incomparable customization style

FRONT SIZE	SPECIAL VERSION	IP CODE	NOTE
16 130/90 - 16 M/C 67H TL		2318000	
130/90 - 16 M/C 67H TL	WHITEWALL	2407600	
130/90 B 16 M/C 73H TL Reinf		2703600	
150/80 - 16 M/C 71H TL		2661600	
150/80 R 16 M/C 71V TL		2680600	
MT90 B 16 M/C 72H TL		2318100	
MT90 B 16 M/C 72H TL	WHITEWALL	2407500	
17 120/70 B 17 M/C 58V TL		2703200	
120/90 - 17 M/C 64S TT		3133100	
130/70 R 17 M/C 62V TL		3133200	
130/80 B 17 M/C 65H TL		2318200	
130/80 B 17 M/C 65H TL	WHITEWALL	2407700	
140/75 R 17 M/C 67V TL		3133300	
140/80 - 17 M/C 69H TL		2703500	
150/80 R 17 M/C 72V TL		2680800	
18 100/90 - 18 M/C 56H TL		2703700	
110/90 - 18 M/C 61H TL		2703800	
120/70 ZR 18 M/C (59W) TL		3133600	
130/60 VR 18 M/C (60V) TL		3133800	
130/70 B 18 M/C 63H TL		2531500	
130/70 R 18 M/C 63H TL		2429400	
130/70 R 18 M/C 63V TL		3133900	
140/70 B 18 M/C 73H TL Reinf		3134000	
19 100/90 - 19 M/C 57H TL		3745700	
100/90 - 19 M/C 57H TL	WHITEWALL	2407800	
110/90 - 19 M/C 62H TL		2661500	
120/70 ZR 19 M/C (60W) TL		2680700	
130/60 B 19 M/C 61H TL		2634800	
21 80/90 - 21 M/C 48H TL		2703000	
90/90 - 21 M/C 54H TL		2616400	
120/70 B 21 M/C 68H TL Reinf		2661700	
120/70 B 21 M/C 68H TL Reinf	WHITEWALL	2718100	
120/70 - 21 M/C 62V TL		3134100	
130/60 - 21 M/C 63H TL		3272400	
MH90 - 21 M/C 54H TL		2408600	
MH90 - 21 M/C 54H TL	WHITEWALL	2408500	
23 130/60 B 23 M/C 65H TL		2429300	

TL = Tubeless





REAR SIZE	SPECIAL VERSION	IP CODE	NOTE
15 140/90 B 15 M/C 70H TL		2408700	
150/90 B 15 M/C 80H TL Reinf		2616500	
160/80 - 15 M/C 74S		3134400	
170/80 B 15 M/C 77H TL		2318400	
170/80 B 15 M/C 77H TL	WHITEWALL	2407900	
180/70 B 15 M/C 76H TL		2703100	
200/70 B 15 M/C 82H TL		3134500	
16 130/90 B 16 M/C 73H TL Reinf		2318500	
130/90 B 16 M/C 73H TL Reinf	WHITEWALL	2408300	
140/90 B 16 M/C 77H TL Reinf		2408800	
140/90 B 16 M/C 77H TL Reinf	WHITEWALL	2408900	
150/80 B 16 M/C 77H TL Reinf		2318600	
150/80 B 16 M/C 77H TL Reinf	WHITEWALL	2408000	
160/80 B 16 M/C 75H TL		2616600	
170/70 B 16 M/C 75H TL		2531600	
180/60 R 16 M/C 74H TL		2429500	
180/60 R 16 M/C 80H TL Reinf		2634900	
180/65 B 16 M/C 81H TL Reinf		2318700	
180/65 B 16 M/C 81H TL Reinf	WHITEWALL	2408400	
180/70 R 16 M/C 77V TL		2680900	
240/50 R 16 M/C 84V TL		2681100	
MT90 B 16 M/C 74H TL		2318800	
MT90 B 16 M/C 74H TL	WHITEWALL	2408200	
MU85 B 16 M/C 77H TL		2318900	
MU85 B 16 M/C 77H TL	WHITEWALL	2408100	
200/60 R 16 M/C 79V TL		2704000	
17 140/80 B 17 M/C 69V TL		3134600	
170/60 R 17 M/C 78V TL Reinf		3134700	
160/70 B 17 M/C 79V TL Reinf		2409000	
180/60 B 17 M/C 75V TL		2703300	
200/50 ZR 17 M/C 75W TL		2681000	
200/55 R 17 M/C 78V TL		2703900	
210/50 ZR 17 M/C (78W) TL		3134800	
18 150/70 B 18 M/C 76H TL Reinf		2616700	
160/60 R 18 M/C 76V TL Reinf		3134900	
180/55 ZR 18 M/C (74W) TL		2704200	
180/55 B 18 M/C 80H TL Reinf		2634700	
200/50 R 18 M/C 82H TL Reinf		2703400	
210/40 R 18 M/C 73H TL		3135100	
240/40 VR 18 M/C (79V) TL		2704100	
280/35 VR 18 M/C (84V) TL		3135200	
300/35 VR 18 M/C (87V) TL		3135300	
260/40 VR 18 M/C (84V) TL		2781500	

TL = Tubeless



ENDURO STREET



THE ENDURO STREET FAMILY

Dedicated to all kinds of big enduro, trail and adventure bikes.

**TOURANCE™
NEXT 2**

NEW



TOURANCE™



**ENDURO 1
ENDURO 2**



The evolution of the legendary **TOURANCE™ NEXT**, a newest road-oriented benchmark for riding pleasure that dares you to challenge any road.

Dedicated to the latest evolution of adventure motorcycles

The legendary road-oriented tyre for dual purpose motorcycles.

For contemporary and vintage dual-purpose motorcycles

All-round dual purpose tyres with a Terrain/Tarmac Soul.

Dedicated to vintage off-road/on-road glories



TOURANCE™ NEXT 2

The evolution of the legendary TOURANCE™ NEXT, a newest road-oriented benchmark for riding pleasure that dares you to challenge any road.

- Agile and neutral behaviour leading accurate control feeling and solid all-grades handling
- Sets a new benchmark for wet and braking performance. 1,5m shorter stopping distance at 85km/h in the wet thanks also to METZELER HYPERBASE compound layout**
- Immediate and durable performance, throughout the entire tyre life-cycle thanks to new compounds and DYMATEC technology*
- Outstanding comfort and safety whilst riding with or without pillions or luggage

** Than the best competitor tested in the same tyre segment, according to internal wet braking test methodology on BMW R1250GS with VIn = 85km/h, VOut=0km/h, T_{Ambient} = 25°C, T_{Road} = 25°C



FRONT SIZE	SPECIAL VERSION	IP CODE	NOTE
19 100/90 - 19 M/C 57V TL		3961300	
110/80 R 19 M/C 59V TL		3960600	
120/70 R 19 M/C 60V TL		3960400	
120/70 ZR 19 M/C 60W TL		3960700	
21 90/90 - 21 M/C 54V TL		3961200	

REAR SIZE	SPECIAL VERSION	IP CODE	NOTE
17 130/80 R 17 M/C 65V TL		3961800	
140/80 R 17 M/C 69V TL		3961900	
150/70 R 17 M/C 69V TL		3961500	
170/60 R 17 M/C 72V TL		3960500	
170/60 ZR 17 M/C 72W TL		3960800	
18 150/70 R 18 M/C 70V TL		3961400	

TL = Tubeless

TOURANCE™ NEXT

Two tyres, one bike, zero limits

Setting the standard for enduro street bikes

Enduro street tyre that dares you to challenge any weather condition and any road

- The renowned benchmark for handling, wet performance and duration in the segment of tyres for adventure bikes
- Dual-Compound rear sizes
- A must-have for all the generations of Adventure bikes
- The genuine equipment of multiple BMW R 1200 GS model years and

FRONT SIZE	SPECIAL VERSION	IP CODE	NOTE
17 120/70 ZR 17 M/C (58W) TL	(N)	3908500	
19 100/90 - 19 M/C 57H TL		4059600	
100/90 - 19 M/C 57V TL		3773100	
110/80 R 19 M/C 59V TL		2084700	
120/70 R 19 M/C 60V TL	(B)	2743400	
120/70 R 19 M/C 60V TL	(E)	2612700	

REAR SIZE	SPECIAL VERSION	IP CODE	NOTE
17 150/70 R 17 M/C 69H TL		4059700	
150/70 R 17 M/C 69V TL		2084800	
160/60 ZR 17 M/C (69W) TL		2417000	
170/60 R 17 M/C 72V TL	(B)	2743500	
170/60 R 17 M/C 72V TL	(E)	2612800	

TL = Tubeless

TOURANCE™

The knobby tyre for dual purpose motorcycles

- Carcass structures designed for enhanced straight line stability at high speed with smooth rolling characteristics for long distance journeys
- Maximum mileage on the street and great traction also on light off-road surfaces thanks to tread layout and compound
- Great grip with light and precise handling make riding easier in all weather conditions

FRONT SIZE	SPECIAL VERSION	IP CODE	NOTE
14 110/80 - 14 M/C 53P DP TL		3849100	
19 100/90 - 19 M/C 57H TL		3773000	
100/90 - 19 M/C 57S TT		3908100	
110/80 - 19 M/C 59H TL		3079800	
110/80 R 19 M/C 59V TL		2315900	
21 90/90 - 21 M/C 54H TL		3078600	
90/90 - 21 M/C 54S		3555600	

REAR SIZE	SPECIAL VERSION	IP CODE	NOTE
13 130/70 - 13 M/C 57P DP TL		3849200	
17 120/90 - 17 M/C 64S		1012200	
130/80 - 17 M/C 65S DP TT		3966800	
130/80 R 17 M/C 65H TL		1012000	
130/80 R 17 M/C 65S TL		1086800	
140/80 R 17 M/C 69H TL		1012100	
150/70 R 17 M/C 69H TL		3079900	
150/70 R 17 M/C 69V TL		1127900	
18 120/80 - 18 M/C 62S DP TT		3966600	

TL = Tubeless

SPECIAL VERSION

Rear R 150/70 R 17 M/C 69H TL 2684100: dedicated version. **BMW G 310 GS**



ENDURO 1, ENDURO 2

All-round dual purpose tyre dedicated to on-road riding and light off-road for a wide usage range

- The Legendary genuine fitment of several BMW G/S airheads (both monolever and Paralever) since 1980
- Tread Pattern design with optimized blocks distribution for smooth running performance
- Compound tuned specifically for high mileage
- Reliable slip resistance on the road, good power transfer on different surfaces.

ENDURO 1

FRONT SIZE	SPECIAL VERSION	IP CODE	NOTE
21 3.00 - 21 51R		0139400	

ENDURO 2

REAR SIZE	SPECIAL VERSION	IP CODE	NOTE
18 4.00 - 18 64R		0139200	



ENDURO ON/OFF



THE KAROO™ FAMILY

The KAROO™ family consists of three different products

KAROO™
Street



KAROO™ 4

NEW



KAROO™
Extreme



KAROO™ Street,
a unique combination
of scrambler look and feel
with on-road agility



EXPEDITION

KAROO™ 4,
dedicated to raids
and adventure journeys



ADVENTURE

KAROO™ Extreme,
a product developed
to compete in professional
Rally races



RALLY



Motorrad & Reisen (DE)

Issue: 88/2018

Very good tyre

"The Metzeler Karoo Street manages the balancing act between outstanding street and off-road performance. While other tyres fail due to the mixture of conditions, the Karoo Street manages to stay stable."

**O'STEEL
RADIAL**
METZELER PATENTED TECHNOLOGY

MRC
MULTIPLE RADIUS CONTOUR

MBS
METZELER BELT SYSTEM

**MBS
RADIAL**
METZELER BELT SYSTEM RADIAL

HYPERBASE

CMT
CONTOUR MODELLING TECHNOLOGY

DYMA TEC

INTERACT
MULTI ZONE TENSION

CAPBASE



The off-road tyre with on-road performance

- Outstanding on-road performances on a knobby tread pattern
- High Silica compound to achieve a high level of grip on road, both in dry and wet conditions
- Excellent traction on dirt, with on-road agility
- Maintaining top cornering precision and stability throughout the tyre's life
- Constant contact patch enables good integration with electronic rider aids

FRONT SIZE	SPECIAL VERSION	IP CODE	NOTE
15 120/70 - 15 M/C 56P TL		3950300	NEW
17 110/70 - 17 M/C 54S M+S TL		3778000	
120/70 R 17 M/C 58V M+S TL		3555800	
19 100/90 - 19 M/C 57V M+S TL		3555700	
110/80 R 19 M/C 59V M+S TL		3142500	
120/70 R 19 M/C 60V TL		4096700	NEW
21 90/90 - 21 M/C 54V TL		4096800	NEW
90/90 - 21 M/C 54H TT		3735100	
90/90 - 21 M/C 54H TL		3735300	
REAR SIZE	SPECIAL VERSION	IP CODE	NOTE
14 140/70 - 14 M/C 62P TL		3950400	NEW
17 130/80 R 17 M/C 65V M+S TL		3556000	
140/70 - 17 M/C 66S M+S TL		3778100	
140/80 R 17 M/C 69V M+S TL		3556100	
150/70 R 17 M/C 69V M+S TL		3142800	
170/60 R 17 M/C 72V M+S TL		3142900	
180/55 R 17 M/C 73V M+S TL		3555900	
18 150/70 R 18 M/C 70V TL		4096900	NEW
150/70 R 18 M/C 70H TT		3735200	
150/70 R 18 M/C 70H TL		3735400	

TL = Tubeless

M+S = Mud + Snow

KAROO™ 4

NEW

KAROO™ 4 is the evolution of the heroic KAROO™ 3: a comprehensive product for Adventure Bikes and maxi Enduro, designed to overcome the boundaries of adventuring

- Scoop-shaped knobs enable exemplary off-road traction whilst in bottomless dirt and promote tread self-cleaning; knob layout ensures a continuous support at any lean angle also on hard-packed terrains
- Stiffer carcass structures and new multi-radius profiles promote enhanced road handling regardless of the load case, with dual-compound rears and their lateral knobs shaped to enhance rubber response even under heavy loads
- Best in class for wet performance and rider-aid integration thanks to new tyre profile and new compounds enabling safety in lashing rain, cold temperatures and dodgy road surfaces;
- Extreme abrasion, cutting and tearing resistance thanks to tread rubber formulation and knob shaping, which enhances compound thermal and mechanical stability.

FRONT SIZE	SPECIAL VERSION	IP CODE	NOTE
19 110/80 R 19 M/C 59Q M+S TL		4172700	
120/70 R 19 M/C 60Q M+S TL		4121400	
21 90/90 - 21 M/C 54Q M+S TL		4121600	
REAR SIZE	SPECIAL VERSION	IP CODE	NOTE
17 130/80 R 17 M/C 65Q M+S TL		4172800	
140/80 R 17 M/C 69Q M+S TL		4172900	
150/70 R 17 M/C 69Q M+S TL		4173000	
170/60 R 17 M/C 72Q M+S TL		4121500	
18 150/70 R 18 M/C 70Q M+S TL		4121700	

TL = Tubeless

M+S = Mud + Snow

Multipurpose and racing rally off-road tyre with extreme traction and versatility

- Blocks layout and shape for massive traction in desert dunes and off-road fords
- Strength, resistance and durability for every long distance off-road application
- Extreme versatility of use on all kind of terrains including on-road transfers
- Outstanding off-road stability

FRONT SIZE	SPECIAL VERSION	IP CODE	NOTE
21 90/90 - 21 M/C 54R MST TT	Desert	3908300	

REAR SIZE	SPECIAL VERSION	IP CODE	NOTE
17 150/70 R 17 M/C 69R MST TL		3866300	NEW
18 140/80 - 18 M/C 70R MST		2470500	
150/70 R 18 M/C 70S MST TL		3560500	

MST = Multi Service Tyre



ENDURO 3 SAHARA

Enduro tyre with very good on-road performance dedicated to the globetrotters always looking for fun riding no matter what the terrain is

- Dedicated tread compound perfectly combining safe on-road cornering grip and good off-road traction
- Tread pattern geometry designed for fast self-cleaning: stable and precise trajectories without skidding also on soft, muddy terrains
- Great handling with easy corner entry, stable cornering and high safety margins when riding at the limit

FRONT SIZE	SPECIAL VERSION	IP CODE	NOTE
21 90/90 - 21 M/C 54H DP TL		4182500	
90/90 - 21 M/C 54S DP TT		4148600	

REAR SIZE	SPECIAL VERSION	IP CODE	NOTE
17 120/90 - 17 M/C 64S		0143600	
130/80 - 17 65T TL		0142700	
130/80 - 17 M/C 65S MST TT		3982700	
140/80 - 17 M/C 69H MST TT		3982900	
18 120/80 - 18 M/C 62S DP TT		4148700	
140/80 - 18 M/C 70S MST TT		3983000	
4.00 - 18 64S		0143000	

TL = Tubeless



METZELER CELEBRATES FOUR WORLD TITLES

with Brad Freeman/Team Beta Factory Enduro,

Josep Garcia/KTM Factory Team,

Andrea Verona/ Gas Gas Factory Racing,

Albin Norrbin/ Fantic Darpa Racing Team

All riders are equipped with

METZELER MCE 6 DAYS EXTREME

49 world titles since the revamp in 2005.







SOFT



SUPERSOFT

Ultimate ENDURO F.I.M. tyre, dominating both the ENDURO GP - 40 times Enduro World Champion up to 2020 - and Extreme ENDURO racing world, developed with factory riders for the most extreme challenges

- High-resistance Polyester carcass-material with X-ply construction for superior structural characteristics and excellent puncture resistance.
- Tread block layout designed to offer tailored grip and control depending on the application
- Range includes both sizes dedicated to Enduro GP and Extreme Enduro
- Color tread lines help identifying the Extreme Enduro versions.

FRONT SIZE	SPECIAL VERSION	IP CODE	NOTE
21 80/90 - 21 M/C 48R M+S		3841600	NEW
90/90 - 21 M/C 54M M+S		2477600	Enduro GP
90/90 - 21 M/C 54M M+S	Soft	4073200	
90/100 - 21 M/C 57M MST	Super Soft	4074600	Enduro Extreme - WDK LIME

REAR SIZE	SPECIAL VERSION	IP CODE	NOTE
18 110/80 - 18 M/C 58R M+S		3841700	
120/90 - 18 M/C 65R M+S		3286600	
120/90 - 18 M/C 65M M+S	Soft	3967500	NEW
130/90 - 18 M/C 69M M+S		1907200	
140/80 - 18 M/C 70M M+S		2477700	Enduro GP
140/80 - 18 M/C 70M M+S	Medium	4067900	Enduro GP
140/80 - 18 M/C 70M M+S	Soft	3776600	
140/80 - 18 M/C 70M M+S	Super Soft	3864900	
140/80 - 18 NHS 70M M+S	Extra Soft	4121200	

M+S = Mud + Snow
 MST = Multi Service Tyre
 NHS = Not for Highway Service



FRONT

80/90-21
 90/90-21
 90/100-21

90/90-21
 SOFT

90/100-21
 SUPERSOFT

REAR

120/90-18
 130/90-18
 140/80-18

140/80-18
 MEDIUM

140/80-18
 SOFT

140/80-18
 SUPERSOFT

ENDURO GP

EXTREME ENDURO

MC360™ MID SOFT

Change the ground, not the tyre.
Optimal choice for soft and midsoft terrains

- A comprehensive range dedicated to off-road racing including Motocross, Cross-country, non-F.I.M. Enduro and Freestyle
- Alternated cut knobs for progressive cornering action.
- Scoops maximise traction on soft and mid-soft terrain
- Optimal directionality and damping on whoops
- Portfolio includes both road legal and new motocross racing NHS R specifications
- Reversible tread patterns, the fun never ends!

FRONT SIZE	SPECIAL VERSION	IP CODE	NOTE
21 80/100 - 21 M/C 51M MST R	R	4023200	
90/90 - 21 M/C 54M MST		2900600	
REAR SIZE	SPECIAL VERSION	IP CODE	NOTE
18 100/100 - 18 M/C 59M MST		2763000	
110/100 - 18 M/C 64M MST		2762400	
120/80 - 18 M/C 62R MST		3822900	
120/100 - 18 M/C 68M MST		2762600	
140/80 - 18 M/C 70M MST		2900700	
19 100/90 - 19 NHS 57M R	R	4023300	
110/90 - 19 NHS 62M R	R	4023400	
120/80 - 19 NHS 63M R	R	4023500	

MST = Multi Service Tyre



MC360™ MID HARD

Change the ground, not the tyre.
The perfect tyre for medium and hard terrain

- A comprehensive range dedicated to off-road racing including Motocross, Cross-country, non-F.I.M. Enduro and Freestyle
- CKB (Continuous Knob Binding) improving tearing and wearing resistance of the knobs
- Larger block size to increase contact patch
- Alternated -cut-knob for outstanding durability
- Portfolio includes both road legal and new motocross racing NHS R specifications
- Reversible tread patterns, the fun never ends!

FRONT SIZE	SPECIAL VERSION	IP CODE	NOTE
21 80/100 - 21 M/C 51M MST		2762100	
90/90 - 21 M/C 54M MST		2900800	
REAR SIZE	SPECIAL VERSION	IP CODE	NOTE
18 100/100 - 18 M/C 59M MST		2763100	
110/100 - 18 M/C 64M MST		2762500	
120/100 - 18 M/C 68M MST		2762700	
140/80 - 18 M/C 70M MST		2900900	
19 100/90 - 19 M/C 57M MST		2762900	
110/90 - 19 M/C 62M MST		2762300	
120/80 - 19 M/C 63M MST		2763300	

MST = Multi Service Tyre



Gel



DESCRIPTION

IP CODE

BOX of 12 GEL Tube 60g

9203300

GEL TUB 1 Kg

9203500



Mousse

Mousses are rubber foam equipments which – beside preventing flat tyres during through off-road sections – feature dynamic properties capable to make faster, more efficient or simply effortless the off-road racing.

METZELER mousses are intended to replace inner tubes in off-road tyres for both motocross and Enduro competitions; once fitted, METZELER mousses simulate an equivalent inflation pressure to 0.7bar +/-0.1, far below the pressure advised for on-road use.

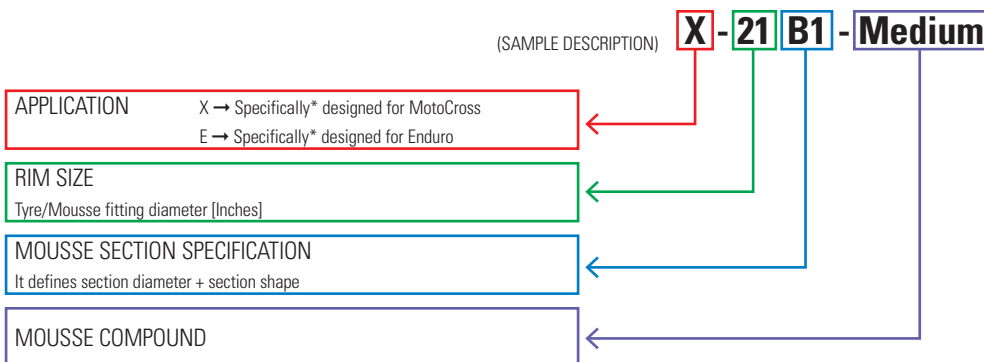
Particular attention must be then paid to suspension settings when racing with mousses.

METZELER mousse are marked NHS, which means they must not be used on public roads.

When fitting a mousse, the mounting lubricant gel must be spread completely inside the tyre, avoiding the beads.

METZELER mousse are available in 18", 19" and 21" fitments, and must be fitted using METZELER mousse gel.

How to read METZELER mousse specifications



*but not exclusively

FRONT SIZE	SPECIAL VERSION	IP CODE	NOTE
21 MOUSSE E-21C1-Medium		9252800	90/90
MOUSSE E-21C2-Medium		9253000	90/100
MOUSSE X-21B1-Medium		9252700	80/100

REAR SIZE	SPECIAL VERSION	IP CODE	NOTE
18 MOUSSE E-18F1-Medium		9253100	120/90
MOUSSE E-18H1-Medium		9253300	140/80-18
MOUSSE E-18H1-Soft		9253200	140/80-18 FLAT
MOUSSE E-18H1-Super Soft		9338100	140/80-18 ss NEW
19 MOUSSE X-19D1-Medium		9253500	100/90
MOUSSE X-19E1-Medium		9253600	110/90
MOUSSE X-19F1-Medium		9253700	120/90

MST = Multi Service Tyre



SCOOTER



MOTORCYCLE

TYRE SEGMENTATION	SPORT	TOURING	URBAN
RADIAL		FEELFREE	
X-PLY		ROADTEC SCOOTER	
	SPORTEC STREET		

The scooter specialist: turn bad weather into good times

- The new development for all kind of scooters (ranging from 10 to 16 inches wheel)
- ROADTEC™ 01 derived tread pattern design, now featuring sipes for more grip in all conditions, especially on wet and low friction surfaces
- Extreme flexibility and versatility on the broadest range of weather, temperature and road-surface conditions
- High Silica content for greater grip on wet and wider temperature range of application

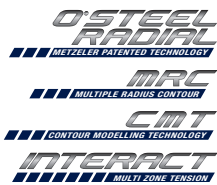
SIZE	USE	TREAD DESIGN	IP CODE	NOTE
10 3.00 - 10 50J TL Reinf	FRONT/REAR	Rear	3844300	
3.50 - 10 59J TL Reinf	FRONT/REAR	Rear	4017100	NEW
90/90 - 10 50J TL	FRONT/REAR	Rear	3844400	
100/80 - 10 53L TL	FRONT/REAR	Rear	3844500	
100/90 - 10 61J TL Reinf	FRONT/REAR	Rear	3844600	
110/80 - 10 58L TL	FRONT/REAR	Rear	3844700	NEW
120/70 - 10 54L TL Reinf	FRONT/REAR	Rear	4017200	NEW
120/90 - 10 66L TL	FRONT/REAR	Rear	3844800	
130/70 - 10 59L TL Reinf	FRONT/REAR	Rear	3844900	
130/90 - 10 61L TL	FRONT/REAR	Rear	3845000	
11 130/70 - 11 60L TL Reinf	FRONT/REAR	Rear	3845100	
12 110/70 - 12 47P TL	FRONT/REAR	Front	3995300	
110/90 - 12 64P TL	FRONT	Front	3845300	
120/70 - 12 51P TL	FRONT/REAR	Front	3845400	
120/70 - 12 51P TL	REAR	Rear	4017000	NEW
130/70 - 12 62P TL Reinf	REAR	Rear	3845600	
130/70 - 12 62L TL Reinf	FRONT/REAR	Rear	3845500	
140/70 - 12 65P TL Reinf	REAR	Rear	3846500	
140/70 - 12 60L TL	FRONT/REAR	Rear	3845700	
13 110/70 - 13 M/C 48P TL	FRONT	Front	3776700	
110/70 - 13 M/C 54S TL Reinf	FRONT/REAR	Rear	4108900	NEW
110/90 - 13 M/C 56P TL	FRONT	Front	3845800	
120/70 - 13 M/C 53L TL	FRONT/REAR	Rear	3845900	
130/60 - 13 M/C 53L TL	FRONT/REAR	Rear	4017400	NEW
130/60 - 13 M/C 53P TL	FRONT	Front	3846000	
130/60 - 13 M/C 60P TL Reinf	REAR	Rear	4017300	
130/70 - 13 M/C 63P TL Reinf	REAR	Rear	3846600	
140/60 - 13 M/C 57L TL	FRONT/REAR	Rear	3846100	
150/70 - 13 M/C 64S TL	REAR	Rear	3556900	
14 80/80 - 14 M/C 43S TL Reinf	FRONT/REAR	Rear	4173600	NEW
90/80 - 14 M/C 49S TL Reinf	FRONT	Front	3987000	
90/90 - 14 M/C 46P TL	FRONT	Front	3846200	
100/80 - 14 M/C 54S TL Reinf	FRONT/REAR	Front	3987100	
100/90 - 14 M/C 57P TL Reinf	REAR	Rear	3846700	
110/80 - 14 M/C 59S TL Reinf	FRONT	Front	3995200	
120/70 - 14 M/C 55S TL	FRONT/REAR	Front	3846300	
120/80 - 14 M/C 58S TL	FRONT/REAR	Front	3556800	
140/60 - 14 M/C 64P TL Reinf	REAR	Rear	3846800	
140/70 - 14 M/C 68P TL Reinf	REAR	Rear	3846900	
140/70 - 14 M/C 68S TL Reinf	REAR	Rear	4173400	NEW
150/70 - 14 M/C 66S TL	REAR	Rear	3518000	
15 120/70 - 15 M/C 56S TL	FRONT	Front	3517900	
16 100/80 - 16 M/C 50P TL	FRONT	Front	3000000	
110/70 - 16 M/C 52P TL	FRONT	Front	3846400	
110/70 - 16 M/C 52S TL	FRONT	Front	3120200	
120/80 - 16 M/C 60P TL	REAR	Rear	3000100	
130/70 - 16 M/C 61S TL	REAR	Rear	3847000	
130/70 R 16 M/C 61S TL	REAR	Rear	3974400	
130/80 - 16 M/C 64P TL	REAR	Rear	3847100	
140/70 - 16 M/C 65P TL	REAR	Rear	3847200	



FEELFREE™

Renowned equipment for a high performance scooters

- METZELER wet performance thanks to a wide contact area and high-silica compounds
- Profile optimized for high-speed stability and handling meets a tread pattern design for sport-touring tyres
- A premium genuine fitment of multiple hi-performance scooters by high-end manufacturers.



Radial

FRONT SIZE	SPECIAL VERSION	IP CODE	NOTE
14 120/70 R 14 M/C 55H TL		1816600	
15 120/70 R 15 M/C 56H TL		1816700	
16 110/70 - 16 M/C 52S TL		1677800	

REAR SIZE	SPECIAL VERSION	IP CODE	NOTE
14 160/60 R 14 M/C 65H TL		1816900	
15 160/60 R 15 M/C 67H TL		1816800	
16 130/70 R 16 M/C 61S TL		1922100	

TL = Tubeless



A X-Ply sporty range for thrilling, agile and long lasting scooter riding

- Sporty profiles enable dynamic and precise trajectories
- Durability and wear uniformity
- Designed to maximise the on-road performance providing safe and stable wet performance.

FRONT SIZE	SPECIAL VERSION	IP CODE	NOTE
14 70/90 - 14 M/C 34S TL		2716100	
80/90 - 14 M/C 40S TL		2716000	
90/80 - 14 M/C 49S TL Reinf		2761900	
90/90 - 14 M/C 46S TL		2716200	

FRONT/REAR SIZE	SPECIAL VERSION	IP CODE	NOTE
14 80/80 - 14 M/C 43S TL Reinf		2761700	

REAR SIZE	SPECIAL VERSION	IP CODE	NOTE
14 80/90 - 14 M/C 40S TL		2715900	
90/80 - 14 M/C 49S TL Reinf		2761800	
90/90 - 14 M/C 46S TL		2716300	
100/80 - 14 M/C 48S TL		2716400	
100/90 - 14 M/C 57P TL Reinf		2919400	
110/80 - 14 M/C 59S TL Reinf		2716500	

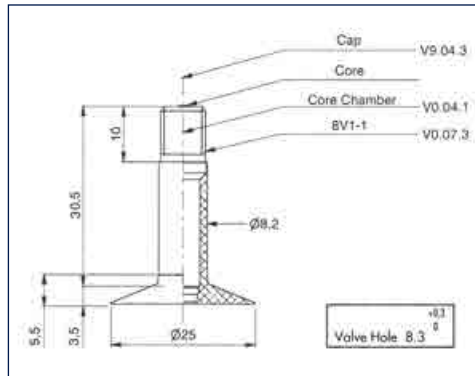
TL = Tubeless



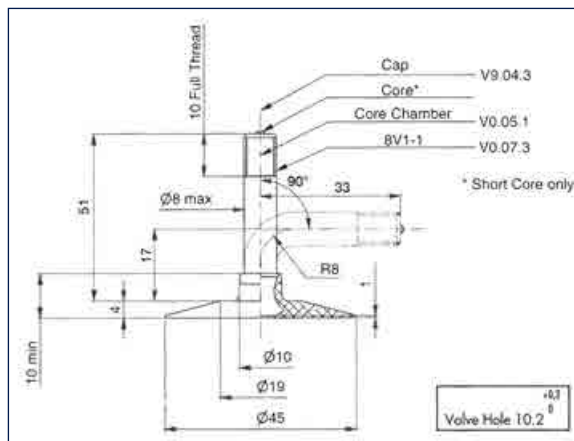
Valve description

Following valve types are used among the Metzeler tubes range.
Find the corresponding dimensional description of each valve type.

V1-07-1



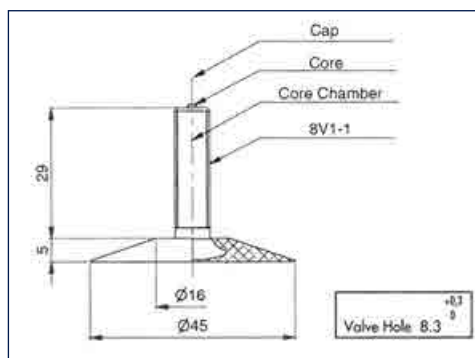
V1-08-1



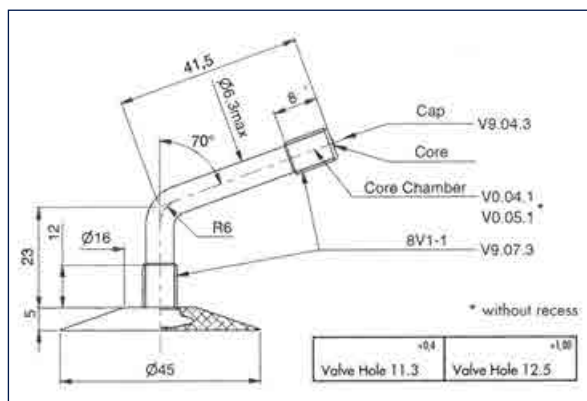
Normen				
Europa ETRTO	D DIN	USA TRA	Biege-winkel	Position
V1-07-1	-	TR1		
V1-08-1	33G/90°	*TR87	90	SV
V1-09-1	34G	TR4		
V1-09-1	34G	TR4		SV
V6-02-1	41.5G/70°	-	70	SV

SV = Seitenventil

V1-09-1



V6-02-1



TUBE AND VALVE FITMENT CHART/51

	Tyre size	IP code	Description		Thickness (mm)	Valve DIN	Valve ETRTO	Valve TRA	Valve Bend	Valve position	
10"	3.00 - 10	2598810	ME-D10 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		SV	
	3.50 - 10	2598810	ME-D10 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		SV	
	100/80 - 10	2598810	ME-D10/1 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		SV	
	110/80 - 10	2598810	ME-D10 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		SV	
	90/90 - 10	2598810	ME-D10 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		SV	
15"	160/70 - 15	2597310	ME-F16 M/C	Tube ME Valve 34G SV	1,40	34G	V1-09-1	TR4		SV	
	180/70 - 15	2597510	ME-G15 M/C	Tube ME Valve V6-02-2	1,90	41,5G/86	V6-02-2	-			
	180/70 - 15	2597610	ME-H1 15 M/C	Tube ME Valve V1-09-1 SV	1,90	34G	V1-09-1	TR4		SV	
	180/70-15	2597710	ME-15 M/C		1,9	34G	V1-09-1	TR4			
	200/70 - 15	2597510	ME-G15 M/C	Tube ME Valve V6-02-2	1,90	41,5G/86	V6-02-2	-			
	200/70 - 15	2597610	ME-H1 15 M/C	Tube ME Valve V1-09-1 SV	1,90	34G	V1-09-1	TR4		SV	
	140/80 - 15	2597310	ME-F16 M/C	Tube ME Valve 34G SV	1,40	34G	V1-09-1	TR4		SV	
	160/80 - 15	2597310	ME-F16 M/C	Tube ME Valve 34G SV	1,40	34G	V1-09-1	TR4		SV	
	170/80 - 15	2597610	ME-H 15 M/C	Tube ME Valve V1-09-1 SV	1,90	34G	V1-09-1	TR4		SV	
	170/80-15	2597710	ME-15 M/C	Tube ME Valve V1-09-1	1,9	34G	V1-09-1	TR4			
	130/90 - 15	2597310	ME-F16 M/C	Tube ME Valve 34G SV	1,40	34G	V1-09-1	TR4		SV	
	140/90 - 15	2597310	ME-F16 M/C	Tube ME Valve 34G SV	1,40	34G	V1-09-1	TR4		SV	
	150/90 - 15	2597310	ME-F16 M/C	Tube ME Valve 34G SV	1,40	34G	V1-09-1	TR4		SV	
	16"	3.00 - 16	2598210	ME-C/D16 M/C	Tube ME Valve 34G	1,40	34G	V1-09-1	TR4		
		3.25 - 16	2598210	ME-C/D16 M/C	Tube ME Valve 34G	1,40	34G	V1-09-1	TR4		
3.50 - 16		2598210	ME-C/D16 M/C	Tube ME Valve 34G	1,40	34G	V1-09-1	TR4			
110/90 - 16		2598110	ME-K16 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4			
120/90 - 16		2598110	ME-K16 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4			
130/90 - 16		2597310	ME-F16 M/C	Tube ME Valve 34G SV	1,40	34G	V1-09-1	TR4		SV	
MU90 - 16		2597310	ME-F16 M/C	Tube ME Valve 34G SV	1,40	34G	V1-09-1	TR4		SV	
130/90 - 16		2598110	ME-K16 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4			
160/70 - 16		2597310	ME-F16 M/C	Tube ME Valve 34G SV	1,40	34G	V1-09-1	TR4		SV	
110/80 - 16		2598210	ME-C/D16 M/C	Tube ME Valve 34G	1,40	34G	V1-09-1	TR4			
140/80 - 16		2597310	ME-F16 M/C	Tube ME Valve 34G SV	1,40	34G	V1-09-1	TR4		SV	
150/80 - 16		2597310	ME-F16 M/C	Tube ME Valve 34G SV	1,40	34G	V1-09-1	TR4		SV	
160/80 - 16		2597310	ME-F16 M/C	Tube ME Valve 34G SV	1,40	34G	V1-09-1	TR4		SV	
140/80 - 16		2597310	ME-F16 M/C	Tube ME Valve 34G SV	1,40	34G	V1-09-1	TR4		SV	
150/80 - 16		2597310	ME-F16 M/C	Tube ME Valve 34G SV	1,40	34G	V1-09-1	TR4		SV	
160/80 - 16		2597310	ME-F16 M/C	Tube ME Valve 34G SV	1,40	34G	V1-09-1	TR4		SV	
90/90 - 16		2598210	ME-C/D16 M/C	Tube ME Valve 34G	1,40	34G	V1-09-1	TR4			
100/90 - 16		2598210	ME-C/D16 M/C	Tube ME Valve 34G	1,40	34G	V1-09-1	TR4			
3.50 - 16		2597210	ME-E16 (B) M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4			
4.60 - 16		2597210	ME-E16 (B) M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4			
130/70 - 16		2597210	ME-E16 (B) M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4			
120/80 - 16		2597210	ME-E16 (B) M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4			
110/80 - 16		2597210	ME-E16 (B) M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4			
130/90 - 16		2597310	ME-F16 M/C	Tube ME Valve 34G SV	1,40	34G	V1-09-1	TR4		SV	
140/90 - 16		2597310	ME-F16 M/C	Tube ME Valve 34G SV	1,40	34G	V1-09-1	TR4		SV	
150/90 - 16		2597310	ME-F16 M/C	Tube ME Valve 34G SV	1,40	34G	V1-09-1	TR4		SV	
130/90 - 16		2597310	ME-F16 M/C	Tube ME Valve 34G SV	1,40	34G	V1-09-1	TR4		SV	
140/90 - 16		2597310	ME-F16 M/C	Tube ME Valve 34G SV	1,40	34G	V1-09-1	TR4		SV	
17"		2.50 - 17	2596510	ME - C/D17	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
		2.75 - 17	2596510	ME - C/D17	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	3.00 - 17	2596510	ME - C/D17	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4			
	4.10 - 17	2552010	ME-E17 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4			
	4.60 - 17	2552010	ME-E17 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4			
	4.50 - 17	2552110	ME-F17 (B) M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4			
	5.10 - 17	2552110	ME-F17 (B) M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4			
	190/50 - 17	2552410	ME-G17 M/C	Tube ME Valve V1-09-1	1,70	34G	V1-09-1	TR4			
	200/50 - 17	2552410	ME-G17 M/C	Tube ME Valve V1-09-1	1,70	34G	V1-09-1	TR4			
	210/50 - 17	2552410	ME-G17 M/C	Tube ME Valve V1-09-1	1,70	34G	V1-09-1	TR4			
	170/55 - 17	2552410	ME-G17 M/C	Tube ME Valve V1-09-1	1,70	34G	V1-09-1	TR4			
	180/55 - 17	2552410	ME-G17 M/C	Tube ME Valve V1-09-1	1,70	34G	V1-09-1	TR4			
	120/60 - 17	2552010	ME-E17 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4			
	120/65 - 17	2552010	ME-E17 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4			
	130/60 - 17	2552010	ME-E17 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4			

52/ TUBE AND VALVE FITMENT CHART

	Tyre size	IP code	Description		Thickness (mm)	Valve DIN	Valve ETRTO	Valve TRA	Valve Bend	Valve position
	150/60 - 17	2598010	ME-K17 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	160/60 - 17	2598010	ME-K17 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	170/60 - 17	2552410	ME-G17 M/C	Tube ME Valve V1-09-1	1,70	34G	V1-09-1	TR4		
	110/70 - 17	2552010	ME-E17 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	120/70 - 17	2552010	ME-E17 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	130/70 - 17	2552010	ME-E17 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	130/70 - 17	2552110	ME-F17 (B) M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	140/70 - 17	2598010	ME-K17 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	150/70 - 17	2598010	ME-K17 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	160/70 - 17	2552410	ME-G17 M/C	Tube ME Valve V1-09-1	1,70	34G	V1-09-1	TR4		
	110/80 - 17	2552010	ME-E17 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	120/80 - 17	2552010	ME-E17 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	120/80 - 17	2552110	ME-F17 (B) M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	130/80 - 17	2552110	ME-F17 (B) M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	140/80 - 17	2598010	ME-K17 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	150/80 - 17	2598010	ME-K17 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	110/90 - 17	2552010	ME-E17 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	110/90 - 17	2552110	ME-F17 (B) M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	120/90 - 17	2552010	ME-E17 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	120/90 - 17	2552110	ME-F17 (B) M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	130/90 - 17	2598010	ME-K17 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
18"	2.25 - 18	2597110	ME-C18 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	2.50 - 18	2597110	ME-C18 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	2.75 - 18	2597110	ME-C18 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	3.00 - 18	2109410	ME-D18 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	3.25 - 18	2109510	ME-E18 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	3.50 - 18	2109510	ME-E18 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	3.60 - 18	2109410	ME-D18 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	4.00 - 18	2109610	ME-F18 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	4.10 - 18	2109510	ME-E18 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	4.25 - 18	2109610	ME-F18 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	4.25/85 - 18	2109510	ME-E18 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	4.50 - 18	2109610	ME-F18 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	4.60 - 18	2109510	ME-E18 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	100/100 - 18	2597810	ME-CR 18F NHS M/C	Tube ME Valve 34G	3,00	34G	V1-09-1	TR4		
	110/100 - 18	2597810	ME-CR 18F NHS M/C	Tube ME Valve 34G	3,00	34G	V1-09-1	TR4		
	120/100 - 18	2597810	ME-CR 18F NHS M/C	Tube ME Valve 34G	3,00	34G	V1-09-1	TR4		
	280/35 - 18	2597910	ME-K18 M/C	Tube ME Valve V1-09-1	1,80	34G	V1-09-1	TR4		SV
	240/40 - 18	2597910	ME-K18 M/C	Tube ME Valve V1-09-1	1,80	34G	V1-09-1	TR4		SV
	300/35 - 18	2597910	ME-K18 M/C	Tube ME Valve V1-09-1	1,80	34G	V1-09-1	TR4		SV
	180/55 - 18	2597410	ME-G18 M/C	Tube ME Valve 34G	1,40	34G	V1-09-1	TR4		
	130/60 - 18	2109510	ME-E18 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	160/60 - 18	2597410	ME-G18 M/C	Tube ME Valve 34G	1,40	34G	V1-09-1	TR4		
	170/60 - 18	2597410	ME-G18 M/C	Tube ME Valve 34G	1,40	34G	V1-09-1	TR4		
	110/70 - 18	2109510	ME-E18 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	120/70 - 18	2109510	ME-E18 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	130/70 - 18	2109510	ME-E18 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	140/70 - 18	2109610	ME-F18 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	150/70 - 18	2109610	ME-F18 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	100/80 - 18	2109410	ME-D18 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	110/80 - 18	2109510	ME-E18 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	120/80 - 18	2109610	ME-F18 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	130/80 - 18	2597810	ME-CR 18F NHS M/C	Tube ME Valve 34G	3,00	34G	V1-09-1	TR4		
	130/80 - 18	2109610	ME-F18 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	140/80 - 18	2597810	ME-CR 18F NHS M/C	Tube ME Valve 34G	3,00	34G	V1-09-1	TR4		
	140/80 - 18	2109610	ME-F18 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	150/80 - 18	2597410	ME-G18 M/C	Tube ME Valve 34G	1,40	34G	V1-09-1	TR4		
	90/90 - 18	2109410	ME-D18 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	100/90 - 18	2109510	ME-E18 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	110/90 - 18	2597810	ME-CR 18F NHS M/C	Tube ME Valve 34G	3,00	34G	V1-09-1	TR4		
	110/90 - 18	2109510	ME-E18 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		

TUBE AND VALVE FITMENT CHART/53

	Tyre size	IP code	Description		Thickness (mm)	Valve DIN	Valve ETRTO	Valve TRA	Valve Bend	Valve position
	120/90 - 18	2597810	ME-CR 18F NHS M/C	Tube ME Valve 34G	3,00	34G	V1-09-1	TR4		
	120/90 - 18	2109610	ME-F18 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	130/90 - 18	2597810	ME-CR 18F NHS M/C	Tube ME Valve 34G	3,00	34G	V1-09-1	TR4		
	130/90 - 18	2109610	ME-F18 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
19"	3.00 - 19	2596810	ME-E19 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	3.25 - 19	2596610	ME-E19 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	3.50 - 19	2596610	ME-E19 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	3.60 - 19	2596810	ME-E19 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	4.10 - 19	2596610	ME-E19 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	110/80 - 19	2596910	ME-CR 19E NHS M/C	Tube ME Valve 34G	2,50	34G	V1-09-1	TR4		
	110/80 - 19	2596610	ME-E19 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	120/80 - 19	2596910	ME-CR 19E NHS M/C	Tube ME Valve 34G	2,50	34G	V1-09-1	TR4		
	120/80 - 19	2596610	ME-E19 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	130/80 - 19	2596910	ME-CR 19E NHS M/C	Tube ME Valve 34G	2,50	34G	V1-09-1	TR4		
	130/80 - 19	2596610	ME-E19 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	90/90 - 19	2596810	ME-E19 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	100/90 - 19	2596910	ME-CR 19E NHS M/C	Tube ME Valve 34G	2,50		V1-09-1	TR4		
	100/90 - 19	2596810	ME-E19 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	100/90 - 19	2596610	ME-E19 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	110/90 - 19	2596910	ME-CR 19E NHS M/C	Tube ME Valve 34G	2,50	34G	V1-09-1	TR4		
	110/90 - 19	2596610	ME-E19 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
21"	2.50 - 21	2109710	ME-C21 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	2.75 - 21	2109710	ME-C21 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	3.00 - 21	2597010	ME-CR 21D NHS M/C	Tube ME Valve 34G	2,50	34G	V1-09-1	TR4		
	3.00 - 21	2109710	ME-D21 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	3.25 - 21	2597010	ME-CR 21D NHS M/C	Tube ME Valve 34G	2,50	34G	V1-09-1	TR4		
	3.25 - 21	2109710	ME-D21 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	80/100 - 21	2597010	ME-CR 21D NHS M/C	Tube ME Valve 34G	2,50	34G	V1-09-1	TR4		
	80/100 - 21	2109710	ME-D21 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	80/90 - 21	2109710	ME-C21 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	90/90 - 21	2597010	ME-CR 21D NHS M/C	Tube ME Valve 34G	2,50	34G	V1-09-1	TR4		
	90/90 - 21	2109710	ME-D21 M/C	Tube ME Valve V1-09-1	1,40	34G	V1-09-1	TR4		
	90/100 - 21	2597010	ME-CR 21D NHS M/C	Tube ME Valve 34G	2,50	34G	V1-09-1	TR4		

54/ TUBE AND VALVE FITMENT CHART

Size / Valve	Tyre
ME-D10 (V1-09-1)	3.00 - 3.50 - 100/80 - 110/80 - 90/90
ME-D10 (V6-02-1)	3.00 - 3.50 - 100/80 - 110/80 - 90/90
ME-D10 (V1-08-1)	3.00 - 3.50 - 100/80 - 110/80 - 90/90
ME-F15/16 (V1-09-1)	MT90 - MU90 - 160/70 - 140/80 - 160/80 - 140/90 - 150/90 - MT90 - MU90 - 160/70 - 140/80 - 150/80 - 160/80 - 130/90 - 140/90
ME-G15 (V1-09-1)	180/70 - 200/70
ME-F16 (V1-09-1)	140/80 - 130/90 - 140/90 - 150/90 - MT90 - MU90 - 160/70 - 140/80 - 150/80 - 160/80 - 130/90 - 140/90
ME-H1 15 (V1-09-1)	180/70 - 200/70 - 170/80
6 E 16 (V1-07-1)	2 -1/4
ME-C/D16 (V1-09-1)	3.00 - 3.25 - 3.50 - 110/80 - 90/90 - 100/90
ME-E16 (V1-09-1)	3.50 - 4.60 - 130/70 - 120/80 - 110/90 - 120/90 - 130/90
7 A 16 (V1-09-1)	2.25 - 2.50 - 2.75 - 2-1/2 - 2-1/4 - 2-3/4
ME-E17 (V1-09-1)	4.10 - 4.60 - 130/60 - 110/70 - 120/70 - 130/70 - 110/80 - 120/80 - 110/90 - 120/90
ME-F17 (V1-09-1)	4.50 - 5.10 - 150/60 - 160/60 - 130/70 - 140/70 - 150/70 - 120/80 - 130/80 - 140/80 - 150/80 - 110/90 - 120/90 - 130/90
7 A 17 (V1-09-1)	2.25 - 2.50 - 2-1/2 - 2-1/4 - 2-3/4
ME-G17 (V1-09-1)	190/50 - 200/50 - 210/50 - 170/55 - 180/55 - 170/60 - 160/70
ME-K18 (V1-09-1)	280/35 - 240/40
ME-C18 (V1-09-1)	2.25 - 2.50 - 2.75
ME-D18 (V1-09-1)	3.00 - 3.60 - 100/80 - 90/90
ME-E18 (V1-09-1)	3.25 - 3.50 - 4.10 - 4.25/85 - 4.60 - 130/60 - 110/70 - 120/70 - 110/80 - 100/90 - 110/90
ME-F18 (V1-09-1)	4.00 - 4.25 - 4.50 - 140/70 - 150/70 - 120/80 - 130/80 - 140/80 - 120/90 - 130/90
ME-CR 18F NHS (V1-09-1)	100/100 - 110/100 - 120/100 - 130/80 - 140/80 - 110/90 - 120/90 - 130/90
ME-G18 (V1-09-1)	180/55 - 160/60 - 170/60 - 150/80
ME-D19 H (V1-09-1)	3.00 - 3.60 - 90/90 - 100/90
ME-E19 (V1-09-1)	3.00 - 3.60 - 90/90 - 100/90
ME-E19 (V1-09-1)	3.25 - 3.50 - 4.10 - 110/80 - 120/80 - 130/80 - 100/90 - 110/90
ME-CR 19E NHS (V1-09-1)	110/80 - 120/80 - 130/80 - 100/90 - 110/90
ME-C21 (V1-09-1)	2.50 - 2.75 - 80/90
ME-D21 (V1-09-1)	3.00 - 3.25 - 80/100 - 90/90
ME-CR 21D NHS (V1-09-1)	3.00 - 3.25 - 80/100 - 90/90

Tubes

TUBE	VALVE	IP CODE	NOTE
ME-D10V1-09-1	V1-09-01	2598810	3.00-10, 3.50-10, 90/90-10, 100/80-10, 110/80-10
ME-G15V6-02-2	V6-02-2	2597510	180/70-15, 200/70-15, 170/80-15
ME-H15SV V1-09-1	V1-09-01	2597610	180/70-15, 200/70-15, 170/80-15
ME 15V1-09-1	V1-09-01	2597710	180/70-15, 200/70-15, 170/80-15
ME-C16V1-09-1	V1-09-01	2598210	3.00-16, 3.25-16, 3.50-16, 90/90-16, 100/90-16, 110/80-16
ME-E16(B)V1-09-1	V1-09-01	2597210	3.50-16, 4.60-16, 120/80-16, 130/70-16
ME-F15/16SV V1-09-1	V1-09-01	2597310	130/90-15, 140/90-15, 150/90-15, 140/80-15, 160/80-15, 160/70-15, 130/90-16, 140/90-16, 150/90-16, 140/80-16, 150/80-16, 160/80-16, MU90-16, 160/70-16, MU85-16, MT90-16
ME-K16V1-09-1	V1-09-01	2598110	110/90-16; 120/90-16; 130/90-16
ME-D16V1-09-1	V1-09-01	4150510	170/70-16, 180/60-16, 180/65-16
ME-C/D17V1-09-1	V1-09-01	2596510	2.50-17, 2.75-17, 3.00-17, 100/80-17
ME-E17V1-09-1*	V1-09-01	2552010	4.00-17, 4.60-17, 110/80-17, 110/90-17, 120/70-17, 120/80-17, 120/90-17, 130/70-17, 110/70-17
ME-F17 (B)V1-09-1	V1-09-01	2552110	5.10-17, 130/80-17, 130/90-17, 140/70-17, 140/80-17, 150/70-17, 160/60-17, 160/70-17
ME-G17V1-09-1*	V1-09-01	2552410	160/70-17, 170/60-17, 170/55-17, 180/55-17, 190/50-17, 200/50-17, 210/50-17
ME-K17 M/C	V1-09-01	2598010	130/90-17, 140/80-17, 150/80-17, 140/70-17, 150/70-17, 150/60-17, 160/60-17
ME-C18V1-09-1	V1-09-01	2597110	2.25-18, 2.50-18, 2.75-18
ME-CR18F NHSV1-09-1	V1-09-01	2597810	100/100-18, 110/100-18, 120/100-18
ME-C/D18TR4EN(*)	V1-09-01	2109410	3.00-18, 3.60-18, 90/90-18, 100/80-18
ME-E18 Y M/CV1-09-1(*)	V1-09-01	2109510	3.25-18, 3.50-18, 4.10-18, 4.60-18, 4.25/85-18, 110/70-18, 120/70-18, 130/70-18, 100/90-18, 110/80-18, 110/90-18, 90/100-18
ME-F18 YTR4EN(*)	V1-09-01	2109610	4.00-18, 4.25-18, 4.50-18, 120/80-18, 130/80-18, 120/90-18, 130/90-18, 140/70-18, 140/80-18, 150/70-18
ME-K18SV V1-09-1	V1-09-01	2597910	280/35-18; 240/35-18
ME-G18 M/C	V1-09-01	2597410	150/80-18, 160/70-18, 170/70-18, 180/55-18
ME-CR19E NHSV1-09-1	V1-09-01	2596910	100/90-19, 110/90-19, 110/80-19, 120/80-19, 130/80-19
ME-D19V1-09-1	V1-09-01	2596810	3.00-19, 3.60-19, 90/90-19, 100/90-19
ME-E19V1-09-1	V1-09-01	2596610	3.25-19, 3.50-19, 4.10-19, 110/90-19, 110/80-19, 120/80-19, 130/80-19
ME-CR21D NHSV1-09-1	V1-09-01	2597010	3.00-21, 3.25-21, 80/100-21, 90/90-21
ME-C/D21TR4EN(*)	V1-09-01	2109710	2.50-21, 2.75-21, 3.00-21, 3.25-21, 80/90-21, 90/90-21

Flap

Flap description:

- 1 - First number refers to the rim expressed in inches
- 2 - The second number is the nomina width expressed in millimeters
- 3 - The presence of a letter states a different length, higher than the standard

FLAP	IP CODE	NOTE
15/46	9023000	
16-17/23	9017200	
16-17/28	9017500	
16-17/28 OV	9017600	
17/42	9022400	
17/42 L	9168400	
18-19/23	9017700	
18-19/23 L	9168300	
18-19/28	9017800	
18-19/28 L	9167900	
19/30	9112600	
21/28	9017900	
21/28 L	9168000	

Marking and Designation System

1 Product Name
Name of Product line

2 Country of production

3 Size
190/55 ZR 17 M/C (75W)
190: Tyre nominal section width (mm)
55: Tyre aspect ratio %
ZR: Tyre construction type («-» X-Ply tyre, «B» Bias-Belted, «R» Radial, «ZR» Radial beyond 270 km/h)
M/C: Type for motorcycle only
17: Rim diameter (inches)
(75W): Load index and speed rating
TL: Tubeless tyre – TT: tubetype tyre

4 Tyre manufacturer

5 Homologation number
According to UNECE75

6 DOT Certification
U.S. Department of Transportation. It indicates that the tyre conforms to the regulations issued by the transport depts of USA and Canada

7 Production date
Date of manufacturing for example DOT XE OE 762F 5219 = 52nd production week 2019

8 Direction of rotation
The arrow indicates the direction of rotation according to the fitting position

LOAD CAPACITY

The maximum load in lbs is written on every METZELER street tyre together with the corresponding maximum cold inflation pressure in psi. In the tyre service description in accordance with the new tyre designation the maximum load is also given through the load index code.

Please refer to the conversion table in the "Riding Safety" section for translation of load index to real kg-load/lbs-load. Some tyres show in the service description the additional markings "reinf." which is equivalent to "6 PR" or "Load Range C" and indicates a reinforced structure for an increased load capacity. This higher load is already contained in the maximum load inscription. For higher than indicated load capacities in the case of reduced speed consult METZELER.

SPEED RATING

The max. permitted speed for a tyre is indicated by a specific speed index-code (Please refer to the "Riding safety" section for conversion of speed index-code into real km/h or mph). For tyres suitable for speeds above 210 km/h (130 mph) the actual max. speed is indicated in the technical data part.

A closer look at METZELER Motorcycle Technology

Bias tyre

Also indicated as conventional or x-ply tyre. The structure of this tyre is made of a carcass where, depending on the different speed and load specifications, two or more layers are overlapped. Each layer is made of textile cords coated into rubber and the overlap angle is designed in order to confer the tyre the required dynamic characteristics.

BIAS TYRE



Bias-belted tyre

The structure of those tyres is realized with a conventional carcass and a belt made of two or more crossed layers. The difference between carcass and belt is given by the different goals that they have to fulfil and consequently the different materials that are used: the belt is made mainly from Aramide and it's function is reduce the dynamic deformation caused by centrifugal forces, while the carcass has to mainly give the tyre its stiffness and load carrying capacity.

BIAS - BELTED TYRE



Belted tyre with radial carcass

The main difference of the bias-belted tyre is given by the structure of the carcass that in this case is radial. This means that its cords are wrapped radially around the tyre, from one bead to the other. In this way low-section tyres can be realized, giving big advantages in terms of cornering stability, reduced weight and high-speed performance.

Its extremely high rigidity and the possibility to tune the winding spacing giving a differentiated stiffness distribution from shoulder to crown.

BELTED TYRE WITH RADIAL CARCASS (90 DEGREES)



0° steel belt tyre with radial carcass

Patented technology by METZELER realizing the structure of both front and rear tyre using a radial carcass and a single layer belt made of steel. Considering the rolling direction of the tyre, the belt is wound circumferentially around the carcass giving an angle close to 0°. The advantages coming from the use of steel are its extremely high rigidity and the possibility to tune the winding spacing giving a differentiated stiffness distribution from shoulder to crown.

0° - STEEL BELTED TYRE WITH RADIAL CARCASS (90 DEGREES)



Tyre Safety Maintenance and Mounting Advice

TYRE PRESSURE

Always inflate the tyre to the correct pressure. Be sure to check cold inflation pressure frequently, i.e. once a week. Although most motorcyclists love to work on their bikes, they seldom remember to check tyre pressures.

Correct tyre pressure, however, is critical for safe handling. Overinflation or extreme tyre pressure will impair your riding comfort and decrease the contact of the tyre with the road. Underinflation or too little air pressure will result in poor handling and the bike will be inclined to "wander". Improper and insufficient tyre pressure will also cause rapid tyre wear, an increase in fuel consumption, lower top speed, and provide less control. Remember to check the inflation pressure of your tyres weekly. You will find the correct pressure in the operating manual of the motorcycle. Use METZELER's information only as reference. Attention: When the recommended pressure has been changed for use off-road (race track, off-road), it must be reset to the correct value before riding on the street.

CAUTION

To avoid the danger of air leakage, use only balancing weights which are approved by the motorcycle manufacturer, e.g. spoke nipple weights, lead wire or self adhesive rim weights. We do not recommend the use of liquid balancers or liquid balance/sealers. METZELER does not guarantee tyres into which these have been injected.

DIFFERENT CONSTRUCTIONS

We have three distinct construction types: Bias tyres ("–"), bias belted tyres ("B"), and radial tyres ("R").

The tyre's ability to carry side and peripheral forces differs for each distinct construction type. Therefore, a combination of different construction types can influence the motorcycle's performance. Only the tyre combinations listed in the motorcycle manufacturers fitment charts are allowed.

DIFFERENT PATTERNS

METZELER offers both front and rear tyres in different profiles and for different types of use, so that the front and rear tyres can complement each other. It is not allowed to fit, for example, a street tyre with an off-road tyre.

DYNAMOMETER USE

Dynamometer measurements place extreme loads on tyres. It's possible that damage, often invisible, can be caused during the testing which can lead, under certain conditions, to a failure later. Motorcycle tyres that have been used on a dynamometer must not be used later on the road.

FRONT AND REAR BRAND

Using different brands of front and rear tyres simultaneously may cause problems. Regrettably, we cannot test METZELER tyres in combination with all our competitors' tyres, and therefore, we urge you - for safety reasons - to use METZELER tyres on both the front and rear axle.

LIQUID SEALANTS

We do not recommend the use of liquid sealants. Liquid sealants are a form of temporary repair which can adversely affect ply material and bide any secondary damage caused by the penetrating object.

LOAD CAPACITY

Tyres are offered in different load carrying capacities. It is extremely important not to exceed the max. load rating. You must take the weight of the motorcycle, the weight of any optional equipment, as well as the weight of a passenger and the total has not to be higher than the approved tyres load capacity indicated by the motorcycle manufacturer. A tyre's load carrying ability can be reduced by underinflation.

NEW TYRES - NEW TUBES

METZELER tubes fit with METZELER tyres. Tubes are a vital part of the tube-type wheel assembly. They should be handled with care. A new tube should be fitted at the same time that a new tyre is fitted. An old stretched tube fitted into a new tyre, can cause it to crease and fail. Always make sure that your tyre size is printed on the tube, thereby ensuring that you have the correct tube size.

NEW TUBELESS TYRES - NEW VALVES AND VALVE STEMS

When fitting a new tubeless tyre onto the tubeless-type rim of your motorcycle you should always use a new valve. We highly recommend this because the body of valves used in tubeless rims are made out of a rubber material, which will harden and age with the time. The aging and hardening process is accelerated when the valve comes into contact with oil, ozone and other hostile elements. When braking or accelerating, the valve is bent by dynamic forces. An old valve could brake under such forces and cause a sudden air loss. METZELER recommends the use of short valve stems. At high speeds the strong centrifugal forces work on the valve and the tension of the spring. The air pressure is not sufficient to keep the valve closed. Due to smaller mass of short valve stems (compared to long valve stems) the valve remains closed at high speeds.

METZELER TUBELESS TYRES

When installing a tube in a METZELER tubeless tyre, never tighten the valve stem lock nut until the tyre is properly seated and inflated to the proper riding pressure. Whenever you install a tube, be sure not to pinch the tube and remember to dust the tube with talcum powder. Always use a valve cap.

RADIAL TYRES

The fitment of tubes in radial tyres is possible under certain specific conditions. You will find the correct indications in the operating manual of the motorcycle. It is not recommended to fit a tube in a Radial Tubeless tyre marked "ZR".

REPLACING A WORN TYRE

Remember, precise matching of front and rear tyres is necessary to obtain optimum performance and handling. When fitting a new front tyre, check the wear on the rear tyre. A new front tyre combined with worn rear tyre may cause instability. Please bear in mind that many other factors can affect the handling of a motorcycle, including the weight and height of the rider, and the addition of luggage of fairings. Please consult the motor-cycle manufacturer before making non standard modifications.

RIMS

The section "Technical Data" informs about all the permitted rims for that size; the one written in bold is the suggested one. Motorcycle tyres must be fitted to motorcycle rims only. New tyre marking description foresees the M/C symbol on the sidewall to identify tyres that can be fitted on motorcycle rims only. The correct rim width is important for handling characteristics and stability. Fitting a tyre to a too narrow or wide rim changes the tyre profile and gives a negative effect to the overall tyre performance.

RUN-IN

In order for your new tyres to provide optimum performance, all new tyres should be ridden very cautiously for the first 100-200 kms. Immediately after new tyres are mounted, sudden acceleration, heavy braking, and hard cornering must be avoided until the 100-200 Kms run-in period is completed.

SPEED RATINGS

The speed index (SI) indicates the maximum speed the tyre is homologated for. Even if METZELER tyres allow high speed performance ability, we do not recommend the use of any of our products in excess of legal speed limits. Tyres can have the same pattern and size, but a different speed rating, this is due to the tyre construction and therefore they will perform differently. When selecting your new METZELER motorcycle tyres, be sure to choose the right speed rating. Before buying, consult the fitment chart and the technical data in your METZELER manual or call us directly. Maximum speed capability varies from size to size, but is always equal to or greater than that of the original equipment tyres when fitted in accordance with METZELER recommendations. The use of a tyre with a higher speed rating (e.g. "H" instead of "S") is allowed only if it is listed in the fitment chart. Especially in cases where the speed rating exceeds 210 km/h, the METZELER recommendations must be respected.

SUFFICIENT CLEARANCE

Before installing wheels/tyres onto your motorcycle be sure to check clearances. Indicated sizes will vary between brands and models. Remember to consult the motorcycle manufacturer before you decide to mount sizes other than those specified in this booklet. The physical dimensions must provide for adequate clearance fenders, swing arm etc. If you increase the tyre size, it may be necessary to increase the width of the rim as well. If you increase the tyre size and/or rim width, it is very important to rotate the wheel and examine it closely for ample clearance. Please refer to our "technical data" section for more information on the dynamic radius of the tyre.

TUBELESS TYRES

Tubeless tyres require a special bead seat, because the beads have to form an airtight seal on the rim. Not all cast wheels, aluminium or magnesium, are suitable for tubeless tyre fitment. Do not mount tyres without tubes, unless the wheel manufacturer recommends it. If a tube is inserted, it is then possible to fit a tubeless tyre to a tubetype rim.

TYRE MOUNTING - IMPORTANT INFORMATION

WARNING

Tyres are only to be used on vehicles for which motorcycle tyres were originally approved by the manufacturer. Any other use can be dangerous. Check if the tyre has directional arrows. If it does, you must mount the tyre so that the arrow points in the direction of rotation. Some METZELER tyres have a red dot on the side wall. This indicates the lightest point, and should be positioned next to the valve. To lubricate the bead, use tyre mounting lubricant or soapy water. To seat the bead: remove the valve stem core and inflate the tyre. For safety reasons do not inflate motorcycle tyres to more than 40 psi (2,8 bar); for scooters tyres do not exceed 150 % of the indicated maximum pressure. Be sure to reinstall the valve stem core and inflate the tyre/tube to the recommended riding pressure. Check the bead control lines for proper seating. If the beads are not properly seated, you will have to deflate the tyres/tubes and repeat the above procedure.

TREAD DEPTH

Legally the tyre has to be changed accordingly to the national law. METZELER recommends changing tyres when the remaining tread depth is below 2 mm.

REGROVING

It is not permitted to regrove or cut the tread pattern of motorcycle tyres, as this might affect negatively the riding performance and safety.

TYRE REPAIR

Tubeless tyres: Due to the specific regulations of different national governments, we can not give a general recommendation regarding tyre repair. Please refer to your distributor for information on your country's regulations. In case you are allowed to repair a tyre, we recommend that you repair only small punctures which are restricted to the tread area, by using a mushroom head type plug. The repairer is solely responsible for the repair and any instructions given to the user concerning the repaired tyre. Repaired tubeless tyres should never be used with a tube. Tubetype tyres: Tube repair is not permitted. Punctured tubetype tyres must have a new tube fitted. If punctured, in addition to having the replaced, the tyre and the rim have to be inspected by an expert. The puncture in the tyre should be repaired by a local vulcanisation, executed by a tyre repairer, so as to prevent moisture from attacking the tyre casing. The repairer is solely responsible to the user for the repair and any inspection of the repaired tyre.

TYRE SELECTION

When choosing your new METZELER motorcycle tyres, you must make sure that they meet the requirements of your motorcycle and that they are suitable for the types of road you intend to ride on.

VALVE CAPS

Centrifugal forces work on the valve stem. At high speeds they have the same effect as pushing on the valve with your finger. The tyre can deflate. The valve cap is the only part preventing it. Normally this phenomenon happens only at very high speeds. But an old or low quality valve stem can open at speeds lower than 200 km/h. Therefore the cap should always be tightly closed. METZELER suggests the use of airtight metal caps with rubber seal.

VEHICLE FITMENT AND SIZE MATCHING

When choosing tyres always make sure that the selected tyres matches the sizes, load capacity and speed index of the homologated tyre recommended by the vehicle manufactures:

- Load and speed index must not be lower as indicated in the operating manual of the motorcycle.
- When fitting a new tyre check that there is no interfering with any mechanical parts of the vehicle especially at different running conditions.

NOTE:

Variations of tyre size from those indicated by vehicle manufacturers, even if technically possible, must be in accordance with existing local regulations.

WHEEL ALIGNMENT

Be sure to align your wheels every time the rear wheel is removed or the chain adjusted. Every rotation of an incorrectly aligned wheel results in additional tread wear, decreases tyre mileage, and affects steering and cornering.

WHEEL BALANCING

Elastic bodies like tyres, cannot be constructed in a perfect, circular form, with perfect balance. Therefore, be sure to balance a new tyre after installing it. There are two ways to balance a tyre: static and dynamic balancing. Static balancing can be performed without rotating the wheel, and also measures the deviation of masses with respect to the wheel's center plane. METZELER recommends dynamic balancing for rims over 2,5 inches in width.

STORAGE INSTRUCTIONS

Receipt of tyres – Area of conservation

In bad weather conditions, unloading at the time of receipt must be carried out in a covered area; in any event, if water is found inside the tyres, this must be removed immediately. Unloading must not be carried out by dropping the tyres or by any other method which could damage the quality or visual aspect of the tyres. Tyres must not be moved by inserting the forks of a fork lift truck through the center of a tyre which could damage the bead area. Tyres must be stored inside a clean, dry and ventilated area, protected from direct sunlight or other source of artificial light (illumination must be realized with lamps of low ultraviolet and infrared emission). In the case of temporary external storage, the tyres must be covered (eg. with an impermeable opaque material) and protected from contact with water and humidity.

Temperature

The storage temperature must be less than 35°C and preferably less than 25°C. A temperature greater than 50°C, especially if stock rotation is not sufficient, can result in accelerated forms of deterioration, such as to reduce the duration in use of the tyre. Avoid contact with heaters and radiators. Very low temperatures in the storage area are not in themselves damaging, but can provoke rigidity of the tyre.

In this case, they must not be deformed during movement or fitting. If they are destined to be used immediately they are released from storage, it is necessary to keep them for a few hours in an area with a temperature of approximately 20°C.

Oxygen, ozone and chemical substances

Appliances which generate ozone must not be introduced into the storage area, also gas and vapors from combustion which can generate ozone via photo-chemical processes must be excluded from the area. Neither the area or the equipment in the storage location must present traces of solvents, inflammable materials, lubricants, chemical products, acids, disinfectants, rubber solutions, etc. which could prejudice not only the visual aspect but also the characteristics of the product.

Deformation

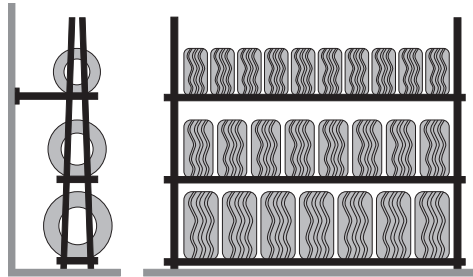
Tyres must not be submitted to any deformation due to tension or compression.

Criteria for storage:

Storage for long periods

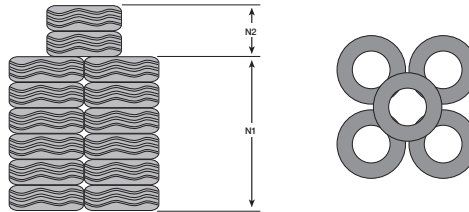
The best method for storage is vertically in rows of one tyre high, on racks, positioned at least 10 cm from ground level, with the sidewalls positioned vertically, so that the profile is not altered.

The vicinity or stacking of other racking or pallets must not deform the profile of the tyres. The number of tyres per row must be such as to not compromise the sidewalls.



Short term storage

Up to 4 weeks, tyres can be stored in stacks, one on top of the other, preferably on a fixed rack or on stackable pallets, periodically reforming the stack inverting the order of the tyres. In all cases when tyres are stored in stacks, it is necessary to ensure that there is no partial misplacement from the vertical plane, in order to avoid any permanent deformation of the lower tyres in the stack.



Inner tubes and valves

Whether inner tubes are supplied by the producer in single boxes, large boxes or wrapped in plastic film, it is always preferable to maintain the original packaging.

In alternative they can be stored also slightly inflated, inserted within the tyre, or piled deflated, up to a maximum height of 50 cm, on racking shelves with a closed base, accurately avoiding that the valve can damage the surface of the tube when squashed under the pressure of their own weight.

Ensure that the tubes do not overlap the edge of the plane on which they are stored to avoid accidental laceration.

It is not recommended to store on slatted pallets because the pressure applied to the tubes will not be uniform. Do not hang inner tubes during storage. Valves should be stored in their packaging in a clean, well ventilated and dry location.

Flaps

Flaps should preferably be placed within the tyre together with the inner tube. If they are stored separately, they should be placed horizontally, in a pile on a shelf, protected from dust, grease, humidity, ozone and direct sunlight.

To avoid deformation and stretching they must not be hung up in any way.

Stock rotation

The storage location must be organized in such a way as to guarantee constant stock rotation, limiting to the minimum the storage period of the tyres. Products which enter storage first must be the first to leave. First in, first out.

70/ COMPARATIVE CHART FOR METRIC-DECIMAL SIZE DESCRIPTION

Tyre Size	Load index		Permitted rim width	Tyre size			
	standard	reinforced		alphanumeric	Metric		
					100	90	80
2.75 - 16	40	46	1.50 - 1.85	MH 90 - 16	80 / 100 - 16	80 / 90 - 16	90 / 80 - 16
3.00 - 16	40	48	1.60 - 2.15	MH 90 - 16	90 / 100 - 16	90 / 90 - 16	100 / 80 - 16
3.25 - 16	48	55	1.85 - 2.50	MJ 90 - 16	100 / 100 - 16	100 / 90 - 16	110 / 80 - 16
3.50 - 16	52	58	1.85 - 2.50	ML 90 - 16	100 / 100 - 16	100 / 90 - 16	110 / 80 - 16
4.60 - 16	59	58	1.85 - 3.00	MM 90 - 16	100 / 100 - 16	110 / 90 - 16	120 / 80 - 16
5.00 - 16	72	74	2.50 - 3.50	MT 90 - 16	120 / 100 - 16	130 / 90 - 16	140 / 80 - 16
5.50 - 16	75	77	2.50 - 3.50	MU 85 - 16	130 / 100 - 16	140 / 90 - 16	150 / 80 - 16
2.75 - 17	41	47	1.50 - 1.85	MH 90 - 17	80 / 100 - 17	80 / 90 - 17	90 / 80 - 17
3.00 - 17	41	50	1.60 - 2.15	MH 90 - 17	90 / 100 - 17	90 / 90 - 17	100 / 80 - 17
4.50 - 17	67	50	2.15 - 3.00	MR 90 - 17	110 / 100 - 17	130 / 90 - 17	140 / 80 - 17
4.60 - 17	62	50	1.85 - 3.00	MS 90 - 17	100 / 100 - 17	110 / 90 - 17	120 / 80 - 17
5.10 - 17	67	50	2.50 - 3.50	MT 90 - 17	110 / 100 - 17	130 / 90 - 17	140 / 80 - 17
2.75 - 18	42	48	1.50 - 1.85	MH 90 - 18	80 / 100 - 18	80 / 90 - 18	90 / 80 - 18
3.00 - 18	47	52	1.60 - 2.15	MH 90 - 18	90 / 100 - 18	90 / 90 - 18	100 / 80 - 18
3.25 - 18	52	59	1.85 - 2.50	MJ 90 - 18	100 / 100 - 18	100 / 90 - 18	110 / 80 - 18
3.50 - 18	56	62	1.85 - 2.50	ML 90 - 18	100 / 100 - 18	100 / 90 - 18	110 / 80 - 18
3.60 - 18	51	62	1.85 - 2.50	MH 90 - 18	100 / 100 - 18	90 / 90 - 18	100 / 80 - 18
4.00 - 18	64	69	2.15 - 3.00	MN 90 - 18	110 / 100 - 18	120 / 90 - 18	130 / 80 - 18
4.10 - 18	60	69	1.85 - 3.00	ML 90 - 18	100 / 100 - 18	100 / 90 - 18	110 / 80 - 18
4.25/85 - 18	64	69	1.85 - 3.00	MM 90 - 18	110 / 100 - 18	110 / 90 - 18	120 / 80 - 18
4.25 - 18	66	69	2.15 - 3.00	ML 90 - 18	110 / 100 - 18	120 / 90 - 18	130 / 80 - 18
4.60 - 18	63	69	1.85 - 3.00	MR 90 - 18	110 / 100 - 18	120 / 90 - 18	130 / 80 - 18
3.00 - 19	49	54	1.60 - 2.15	MH 90 - 19	90 / 100 - 19	90 / 90 - 19	100 / 80 - 19
3.25 - 19	54	54	1.85 - 2.50	MJ 90 - 19	100 / 100 - 19	100 / 90 - 19	110 / 80 - 19
3.50 - 19	57	54	1.85 - 2.50	ML 90 - 19	100 / 100 - 19	100 / 90 - 19	110 / 80 - 19
3.60 - 19	52	54	1.85 - 2.50	MH 90 - 19	100 / 100 - 19	90 / 90 - 19	100 / 80 - 19
2.75 - 21	45	54	1.50 - 1.85	MH 90 - 21	80 / 100 - 21	80 / 90 - 21	90 / 80 - 21
3.00 - 21	51	57	1.60 - 2.15	MH 90 - 21	90 / 100 - 21	90 / 90 - 21	100 / 80 - 21

Load index and speed index

LOAD INDEX

The rating indicates the maximum speed the tyre is homologated for. The indications regarding speed rating and load capacity in the operating manual of the motorcycle must be followed, Tyres fitted must be marked with the same or higher index. The load and speed indices (SI and LI) are indicated in the technical data for each METZELER tyre.

EXAMPLE

METZELER ROADTEC Z8 INTERACT 120/70 ZR 17 M/C (58W) The tyre has a load capacity (58) of max. 236 kg/520 lbs at its permitted max. speed (W).

LOAD CARRYING CAPACITIES - LOAD INDEX

LI	Kg.	lbs	LI	Kg.	lbs	LI	Kg.	lbs	LI	Kg.	lbs	LI	Kg.	lbs
20	80	176	34	118	260	48	180	397	62	265	584	76	400	882
21	82,5	182	35	121	267	49	185	408	63	272	600	77	412	908
22	85	187	36	125	276	50	190	414	64	280	617	78	425	937
23	87,5	193	37	128	282	51	195	430	65	290	639	79	437	963
24	90	198	38	132	291	52	200	441	66	300	661	80	450	992
25	92,5	207	39	136	300	53	206	454	67	307	677	81	462	1019
26	95	209	40	140	309	54	212	467	68	315	694	82	475	1047
27	97	214	41	145	320	55	218	481	69	325	716	83	487	1074
28	100	220	42	150	331	56	224	494	70	335	739	84	500	1102
29	103	227	43	155	342	57	230	507	71	345	761	85	515	1135
30	106	234	44	160	353	58	236	520	72	355	783	86	530	1168
31	109	240	45	165	364	59	243	536	73	365	805	87	545	1202
32	112	247	46	170	375	60	250	551	74	375	827			
33	115	254	47	175	386	61	257	567	75	387	853			

* = at normal pressure

SPEED CATEGORIES - SPEED SYMBOL

Code letters	km/h	mph	Code letters	km/h	mph	Code letters	km/h	mph	Code letters	km/h	mph
B	50	31	J	100	62	Q	160	100	V/VB	up to 240	up to 149
C	60	37	K	110	68	R	170	106	(V)/(VB)	over 240	over 149
D	65	40	L	120	74	S	180	112	W	up to 270	up to 168
E	70	44	M	130	81	T	190	118	(W)	over 270	over 168
F	80	50	N	140	87	U	200	124			
G	90	56	P	150	93	H	210	130			

Footnotes for Technical data to Standard

- 3) Indicated load capacity are valid up to 210km/h.
- 4) Indicated load capacity are valid up to 240km/h.
- 5) If homologated Off-road tyres are used on normal roads, we suggest to ride the bike at maximum speed only for short periods. Otherwise irregular wear of the knobs may occur, affecting off-road performance
- 6) Tyres without complete side marking and NHS (= Not for Highway Service) marking cannot be used on normal roads
- 7) Metzeler tubeless (TL) tyres can always be fitted on standard rims with tubes under following conditions:
 - always fit Metzeler tyres with Metzeler tubes only
 - bikes's max speed 230km/h
 - respect all indication of bike manufacturers
- 8) Centrifugal radius measured at 210 km/h
- 9) Centrifugal radius measured at 60 km/h

Your guide to Metzeler's Technology



Steel radial

Innovative belt structure, with a single ply of steel bandinas wrapped at 0° around a radial carcass. Patented technology by Metzeler for both front and rear high performance tires. Steel features a higher stiffness than textile and this allows the reduction of the tyre weight. Steel radial belt reduces the dynamic deformation of the tire under centrifugal forces giving the tyre an excellent high-speed stability. Thanks to the more uniform heat distribution, mileage is increased and wear characteristics are more uniform.

Range: RACETEC™ RR Slick, RACETEC™ RAIN, RACETEC™ SM, RACETEC™ SM RAIN, RACETEC™ TD Slick, RACETEC™ RR K1 - K2, RACETEC™ RR K3, SPORTEC™ M9RR, SPORTEC™ M7RR, SPORTEC™ M5 Interact™, ROADTEC™ 01SE, ROADTEC™ 01, ROADTEC™ Z8 Interact™, ROADTEC™ Z6, CRUISETEC™, ME888 MARATHON™ Ultra, TOURANCE™ NEXT 2, TOURANCE™ NEXT, KAROO™ Street, KAROO™ 4, KAROO™ EXTREME, FEELFREE



Multiple radius contour

Engineering technology for contour design dedicated to high performance riding. The contour curvature is differentiated between crown and shoulder area, in order to provide most intuitive and effective handling and grip characteristics. The crown and shoulder areas feature a sharper radius for faster and more precise handling (crown) and safer stability limit feedback (shoulder). A wider radius characterizes the side area, ensuring a larger contact patch for cornering stability.

Range: All METZELER radial tyres



MBS

"Metzeler Belt System" is the patented technology by Metzeler for diagonal belt on conventional tires. This modular-like construction technology really allows tuning each single size to the specific needs of the bikes for superior stability. This means that weight and performance of the tire are specifically developed for classic powerful bikes, enhancing their dynamic performance.

Range: CRUISETEC™, ME888 MARATHON™ Ultra, LASERTEC, ME22, PERFECT ME 11, BLOCK K, PERFECT ME 77, ROADTEC™ 01, TOURANCE™, KAROO™ Street, KAROO™ 4, KAROO™ EXTREME



MBS- Radial

This symbol identifies a tire with radial carcass and diagonal belt, realized with the MBS technology. The radial carcass allows building a low section tire for enhanced cornering stability and reduced weight, while the diagonal belt limits the tire deformations for high speed performance.

Range: CRUISETEC™, ME888 MARATHON™ Ultra, TOURANCE™ NEXT 2, TOURANCE™ NEXT, TOURANCE™, KAROO™ Street, KAROO™ 4



Hyperbase™

This 3D multi-compound tread layout consists in matching a rubber basement underneath the tread rubber layer(s). The basement rubber influences the overall tread rubber dynamic output, and has beneficial effects for line holding and thermal stability, then its duration.

Range: TOURANCE™ NEXT 2, KAROO™ Street



CMT

Advanced design technology of tyre contour tuned on high performance riding style on modern bikes. Front and rear tyre profile matching is optimized through the combination of different profiles, each of them optimized for a single lean angle. The final contour design of the set features the best performing behaviour for every riding style and all modern bikes: predictability, grip limit feedback and cornering stability.

Range: All METZELER radial tyres



Dymatec™

Consisting in tread design at the service of functional performance duration, this methodology matches a functional tread design with variable groove wall angles at different lean angles. The result is an optimised wear uniformity by lean angle tailored on the specific application for the whole product lifecycle.

Range: TOURANCE™ NEXT 2, KAROO™ 4



Interact

Multi Zone Tension.

Modular steel string winding tension: the performance of the compound depends on the stiffness of the structure. Performance exactly where needed for maximum adaptability to different riding styles.

Range: RACETEC™ RR Slick, RACETEC™ RAIN, RACETEC™ SM, RACETEC™ SM RAIN, RACETEC™ TD Slick, RACETEC™ RR K1 - K2, RACETEC™ RR K3, SPORTEC™ M9RR, SPORTEC™ M7RR, SPORTEC™ M5 Interact™, ROADTEC™ 01SE, ROADTEC™ 01, ROADTEC™ Z8 Interact™, ROADTEC™ Z6, CRUISETEC™, ME888 MARATHON™ Ultra, TOURANCE™ NEXT 2, TOURANCE™ NEXT, KAROO™ Street, KAROO™ 4, FEELFREE



Cap&base

This 3D multi-compound tread layout consists in a centre stripe extending underneath the side tread compound(s); the resulting tread dynamic characteristic offers optimal rigidity at all stages of tread lifecycle, and depending on the application it ensures both quick warm-up of tyre shoulder and thermal stability.

Range: SPORTEC™ M9RR, SPORTEC™ M7RR, ROADTEC™ 01SE, ROADTEC™ 01, ROADTEC™ Z8 Interact™, CRUISETEC™, ME888 MARATHON™ Ultra, TOURANCE™ NEXT 2, TOURANCE™ NEXT, KAROO™ 4



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