

The Winning Edge



MRF - An Indian Tyre Giant

MRF - India's largest tyre manufacturer has a rich and varied history. A company which started with the manufacture of balloons is today a USD 2.5 billion giant with products for every segment of the tyre market, from the smallest scooter tyre to tyres for giant earth movers. MRF is also the only Indian tyre company to manufacture aircraft tyres.

Cutting-edge R&D

MRF lays great emphasis on R&D and has grown to be the leader in all segments of the tyre market in India. The Corporate Technical Centre, located in Chennai, India, is responsible for materials development, process and product design and testing. The R&D centre uses the most advanced technologies for simulation, testing and design practices. It develops best-in-class tyres for Indian and International markets to exceed all aspects of customer expectation - safety, comfort and durability.

State-of-the-art manufacturing

Each of our factories is designed to rigorous standards with state-of-the-art automation and skilled technicians, to deliver tyres of the best quality every time. What started in a modest shed has grown



to ten modern factories spread across India, each one geared to meet the exacting demands of our large customer base.

Global recognition

MRF has won the J.D. Power Asia Pacific Original Equipment Tyre Customer Satisfaction award a record 13 times in the last 19 years - a testament to the trust reposed in brand MRF by our customers.

A passion for motorsport

MRF is passionate about motorsports and has been associated with all forms of motorsports for over 4 decades. What started with touring car races, has led today to the power of Formula racing with India's own formula racing series - the MRF Challenge featuring the MRF Formula 2000, one of the fastest racing cars in Asia. The series has now gone international with rounds in Bahrain, Qatar, Dubai and Abu Dhabi and is now poised to make an entry into other geographies.

MRF has won 9 Asia Pacific Rally Championship (APRC) titles with the MRF-Skoda Asia Pacific Rally Championship team.

Rally Tyres



Tyres play an extremely important role in rallying. The right type of tyre can alter the complete dynamics of the vehicle. MRF rally tyres are specially engineered for maximum performance on very high-speed rally cars. Rally tyres are designed to achieve the fastest timings as well as consistent performance throughout the rally.

The asymmetric pattern of MRF rally tyres are designed to give sufficient traction and lateral grip. These tyres have been engineered for sustained high performance. The large tread blocks enhance handling and the curvilinear pattern provides effective lateral grip during cornering.



MRF rally tyres are constructed and reinforced using premium materials on the crown and the sidewalls to withstand a high degree of impact during rallying. Rally circuits consist of different terrains and most of the sections contain loose soil, pebbles, hard pack, mud, sharp objects, rocks etc. MRF tyres are engineered to withstand these tough conditions and ensure that the driver has complete control of the car.

MRF rally compounds are specifically formulated and designed for different applications, surfaces, temperatures and weather conditions. Compound selections have to be done by the rally team based on weather conditions and track temperatures during the rally.

Gravel Rally Tyre Patterns



ZG3

Asymmetric and smooth curvilinear pattern. Optimised for improved straight line traction and gradual increase of cornering forces. The inside pattern gives excellent performance during acceleration and braking while the outer curvilinear pattern gives enhanced lateral grip during cornering. Specifically designed for puncture resistance and cut resistance.

BLOCKS & GROOVE WIDTH:

Open pattern with smooth curvilinear groove to give the best performance on soft to loose gravel.



ZG2

Asymmetric and curvilinear pattern. Optimised for superior straight-line traction and better cornering stability. The inside pattern gives excellent performance during acceleration and braking, while the curvilinear lateral pattern gives better lateral grip during cornering.

BLOCKS & GROOVE WIDTH:

Open pattern to give best performance on soft and loose gravel.



ZDM3

Asymmetric and laterally oriented pattern. Optimised for superior straight-line traction and cornering stability. The inside pattern gives excellent performance during acceleration and braking, while the lateral pattern gives high lateral grip during cornering.

BLOCKS & GROOVE WIDTH:

Open pattern, good for soft and loose gravel.



ZDM2

Asymmetric and laterally oriented pattern. Aggressive pattern optimised for superior straight-line traction and cornering stability. The inside pattern gives excellent performance during acceleration and braking, while the lateral pattern gives high lateral grip during cornering.

BLOCKS & GROOVE WIDTH:

Wider groove width and more open pattern than **ZDM3** and **ZG2** to give the best performance on soft and very loose gravel.

Gravel Rally Tyre Patterns



ZGA1

Unique symmetric pattern for all-wheel fitment eliminates the need for Left and Right Hand tyres, with no compromise on performance. Wider grooves and blocks to improve the traction and stability on dirt, sand and mud, with high puncture resistance and cut resistance.

BLOCKS & GROOVE WIDTH:

Open pattern with wider block to give best performance on soft to hard pack.



ZGM

Symmetric pattern which fits on all four wheels with smaller size rims. Specially developed for front wheel drive cars. Proven pattern with button stability for straight-line traction.



ZVH1

Symmetric pattern which can fit on all four wheels. Integrated buttons and narrow-groove width pattern gives the best performance on hard packs with small pebbles and rough surfaces. Lesser tread depth to give more stability on very hard packs.



ZWM2

This pattern has been specifically designed for muddy soil. Large voids help in better traction. The orientation of the tread buttons gives extra grip on slushy terrain. Narrow tread width design helps in digging into muddy soil easily to give good traction.



Dry Tarmac (Asphalt) Rally Tyre Patterns



ZTA

Designed for Asphalt / Tarmac Rally applications. Complies with latest FIA regulations. The specially designed asymmetric pattern, superior construction & compounds deliver better handling and traction in both dry and wet conditions.



ZTD2

Designed for dry tarmac (asphalt) rally/circuit racing. It's an evolution of the ZTW2 pattern with increased rigidity and durability. It can also be hand-cut and used when the tarmac is damp/wet.



Wet Tarmac (Asphalt) Rally Tyre Patterns



ZWR

Specifically designed for wet tarmac conditions. Complies with FIA regulations. Optimised construction for better handling on wet tarmac. Premium tread compound and optimised pattern for water channelling, grip and handling.



ZWi1

Specifically designed for damp tarmac conditions with much wider shoulder blocks. Designed as per FIA norms and regulations. Optimised construction for better handling on damp tarmac surface with premium tread compound for better grip.



ZTW2

Designed for wet/damp tarmac (asphalt) rally/circuit racing. Its 4-rib pattern with improved water channelling enhances the performance when the tarmac is wet.

Racing Tyres



MRF is the first Indian tyre company to design, test and market Formula 3 tyres in the Indian market after extensive testing.

MRF slick tyres are designed to meet multiple performance parameters for traction, braking, cornering and confident handling. The compound has been formulated to achieve optimum tyre temperatures quickly and give consistent performance over the whole race distance.



MRF racing tyre compounds are appreciated by many international drivers for its superior grip and outstanding performance. Compound selections are normally decided by the racing team based on the surface of the track, weather conditions, track temperatures, longevity, car weight and power of the car.



Circuit Racing Tyres



ZTD1

Stiffness of the sidewall is tuned for individual sizes according to the need of the car. A special compound is used to give optimum tyre temperature quickly and a consistent performance throughout the race.



ZTW4

Specifically designed for GT Car and wet/damp (asphalt) circuit racing. Compound optimised for wet grip. Good water channelling on wet tarmac.



ZTW5

Specifically designed for FORMULA-3 racing and wet/damp (asphalt) circuit racing. Compound optimised for wet grip. Good water channelling on wet tarmac.

MRF TYRES

MRF
TYRES

Circuit Racing Tyres



ZTi2

Designed for dry circuit racing events and track days. This intermediate pattern can be used even when the track is a little damp. This tyre gives consistent performance with sustained grip and superior handling over multiple laps.

Track Day Tyres



ZTR

Uniquely designed asymmetric pattern for Track Day / Circuit Racing. E4 certified. Specialised compounds give superior handling and traction on both dry and wet surfaces. Also available for hill climbs with an optimised construction and compound.

Motocross Tyres



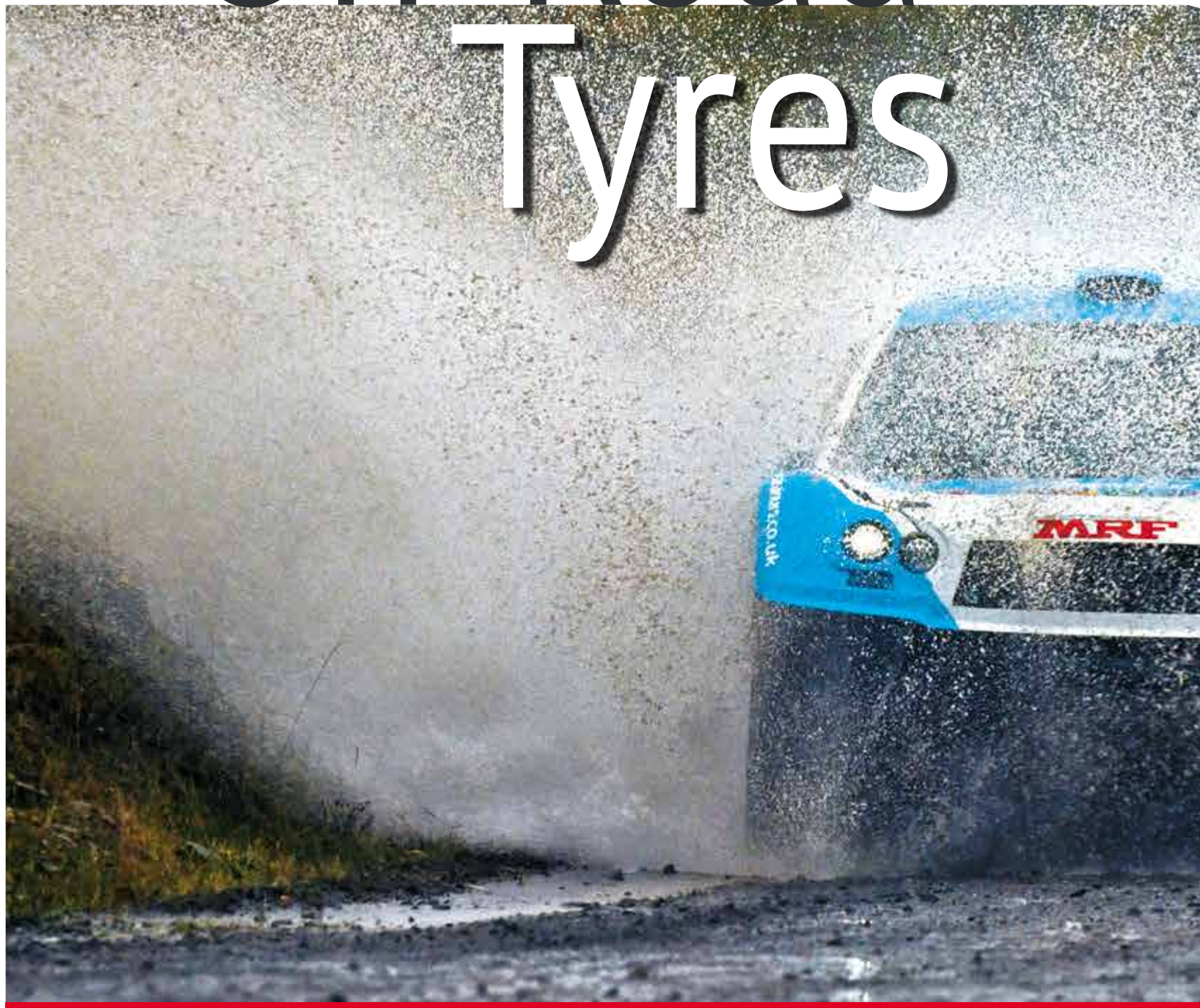
MRF is the pioneer of motocross tyres in India with a vast experience in conducting dirt-biking competitions all over the country. These tyres are engineered for extreme performance.



Mogrip Motocross (MMX3 / MMX4)

Provides a comfortable ride on the most rugged terrains. Engineered for controlled acceleration, effective braking and better cornering stability, these tyres deliver excellent traction on soft to intermediate terrains. Hump fillets connect the tread lugs and reinforce the tread blocks to give straight-line stability with the side lugs helping in cornering.

Off-Road Tyres



Engineered to deliver superior off-road performance, the aggressive tread pattern of the MRF Wanderer O/R has been designed to conquer any terrain - deep dirt, mud, slush and sand.



Wanderer CC

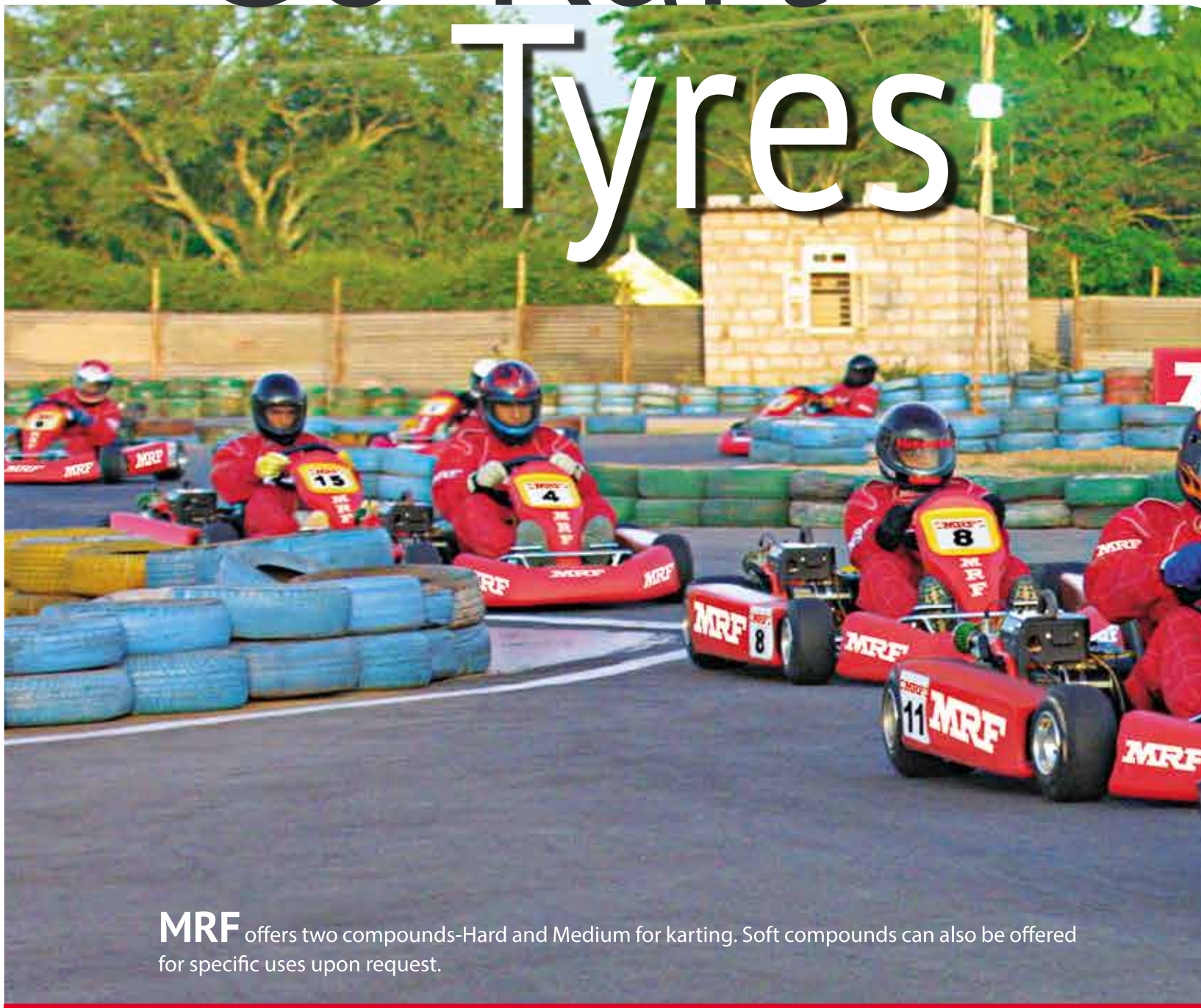
Symmetric and non-directional all-terrain pattern for all-wheel fitment. Chunky tread blocks give good traction in cross country applications. Specially reinforced sidewalls and tread for high impact / cut resistance.

BLOCKS & GROOVE WIDTH: Wider to Narrow grooves and blocks enhance the performance on sand, mud, and loose soil.

Wanderer O/R

Designed with an aggressive pattern to deliver the best off-roading performance, these tyres provide excellent steering control on dirt, sand and mud, along with great rock climbing ability.

Go-Kart Tyres



MRF offers two compounds-Hard and Medium for karting. Soft compounds can also be offered for specific uses upon request.



ZTD1

**GO-KART
RACING TYRES -
SLICK AND WET**

ZW3





ZTD1 & ZW3

Slick tyres are designed for maximum performance on dry tarmac. Hard and Medium compound options are available.

Wet tyres are suitable for damp/wet conditions. Patterns designed to prevent aquaplaning.

CIRCUIT RACING - SLICK / WET / INTERMEDIATE

Formula 3 and Formula 4 Racing Cars: Slick and Wet

Sl	Brand / Pattern	Tyre Size	Load index	Speed Rating	Equivalent size (For Reference)	Std Rim Width* (inch)	Section Width (mm)	Tread Width (mm)	Overall Diameter (mm)	NSD (mm)	Compound	Usage**	ECE (E4) Certified	Remarks
A	ZTD1	200/540 R13	84	V	225/45 R13	8.0	225	195	540	2.8	H/M/S/SS	Dry Racing	Not Applicable	
		240/570 R13	94	V	275/45 R13	10.0	280	240	575	2.8	H/M/S/SS	Dry Racing	Not Applicable	
B	ZTW5	200/540 R13	84	S	225/45 R13	8.0	225	195	540	5.6	W	Wet Racing	Under Process	
		240/570 R13	94	S	275/45 R13	10.0	280	240	575	5.6	W	Wet Racing	Under Process	

Touring Cars: Slick

A	ZTD1	185/60 R13	80	S	160/550 R13	5.5	185	160	550	3.4	H/M/S/SS	Dry Racing	Not Applicable	
		185/55 R14	80	S	170/565 R14	6.0	190	170	565	3.4	H/M/S/SS	Dry Racing	Not Applicable	
		180/580 R15	82	S	195/50 R15	6.0	190	175	580	3.4	H/M/S/SS	Dry Racing	Not Applicable	
		195/580 R15	86	S	205/50 R15	6.5	205	190	585	3.0	H/M/S/SS	Dry Racing	Not Applicable	
		205/55 R15	88	S	180/615 R15	6.5	215	180	615	3.4	H/M/S/SS	Dry Racing	Not Applicable	Under development
		190/625 R16	87	S	195/55 R16	6.0	195	185	630	3.4	H1/H/M	Dry Racing	Not Applicable	Under development
		190/625 R17	85	S	195/50 R17	6.0	195	185	630	3.4	H1/H/M	Dry Racing	Not Applicable	Under development
		200/605 R17	83	S	215/40 R17	7.5	210	200	605	3.4	H1/H/M	Dry Racing	Not Applicable	
		235/620 R17	89	S	255/35 R17	9.0	255	235	615	3.0	H1/H/M	Dry Racing	Not Applicable	
		240/640 R18	91	H	235/40 R18	8.5	240	230	645	3.0	H1/H/M	Dry Racing	Not Applicable	
B	ZTW5	280/680 R18	101	Y	285/40 R18	10.0	290	275	680	3.4	H1/H/M	Dry Racing	Not Applicable	Available Q2 2020

Touring Cars: Wet

A	ZTW4	235/620 R17	89	S	255/35 R17	9.0	255	235	615	5.6	W	Wet Racing	Under Process	
		195/580 R15	86	S	205/50 R15	6.5	205	190	585	5.6	W	Wet Racing	Under Process	
B	ZTW5	200/605 R17	83	S	215/40 R17	7.5	210	200	605	5.6	W	Wet Racing	Under Process	
		240/640 R18	91	H	235/40 R18	8.5	240	230	645	5.6	W	Wet Racing	Under Process	

Touring Cars: Intermediate (for Dry and Wet)

A	ZTI2	185/60 R13	80	H	175/550 R13	5.5	190	175	550	5.8	H1/H/M/S	Dry & Wet	Under Process	New
		205/60 R13	86	H	195/580 R13	6.0	210	190	575	5.8	H1/H/M/S	Dry & Wet	Under Process	

GO-KART (BIAS - TUBELESS)

A	ZTD1	3.6 x 10.0-5	Not Applicable		80/250-5	120	130	85	255	3.5	H	Dry Racing	Not Applicable	Rental Karts
		7.1 x 11.0-5	Not Applicable		150/280-5	170	190	155	280	3.5	H	Dry Racing	Not Applicable	Rental Karts
		4.5 x 10.0-5	Not Applicable		105/260-5	100	130	105	260	3.5	H/M	Dry Racing	Not Applicable	High Speed Karts
B	ZW3	7.1 x 11.0-5	Not Applicable		150/270-5	178	190	155	270	3.5	H/M	Dry Racing	Not Applicable	High Speed Karts
		3.6 x 10.0-5	Not Applicable		80/250-5	120	130	85	255	3.5	W	Wet Racing	Not Applicable	Rental Karts
		7.1 x 11.0-5	Not Applicable		150/280-5	170	190	155	280	3.5	W	Wet Racing	Not Applicable	Rental Karts

Note: *Std rim width has been specified as above. However for the Optimum performance Plus 0.5" and 1.0" rim can be tried (Section width would increase by 5mm and 10mm respectively).
 **Recommended usage given in the column. However, customer could decide / select the right compound and right tyre based on their performance feedback.
 All the above tyre dimensions are in millimeter (mm), rounded off to the nearest values unless specified in inches. The specified dimensions are design values and are subject to change by the manufacturer at any time.
 Check the availability of the compound before ordering the same. Customer requirement can be met based on their choices.

GRAVEL RALLY (RADIAL - TUBELESS)

1	SI	Brand / Pattern	Tyre Size	Load index	Speed Rating	Left / Right	Std Rim Width* (inch)	Section Width (mm)	Tread Width (mm)	Overall Diameter (mm)	NSD (mm)	Compound	Usage**	Groove Width	ECE (E4) Certified	Remarks
A	B	ZG2	205/65 R15	94	S	L/R	6.0	205	185	650	11.2	H/M/S/SS	Soft to Medium	Medium	Yes	
			175/70 R15	86	S	L/R	5.0	175	150	625	11.2	H/M/S/SS	Soft to Medium	Medium	Under Process	Under development
			195/65 R15	91	S	L/R	6.0	195	165	635	11.2	H/M/S/SS	Soft to Medium	Medium	Under Process	Under development
			205/65 R15	94	S	L/R	6.0	205	180	645	11.2	H/M/S/SS	Soft to Medium	Medium	Yes	FIA BAR CODED
			185/70 R13	86	S	L/R	5.5	190	165	590	11.2	H/M/S/SS	V.soft to Medium	Wider	Yes	
			195/60 R15	88	S	L/R	6.0	195	170	615	11.2	H/M/S/SS	V.soft to Medium	Wider	Yes	
			205/65 R15	94	S	L/R	6.0	205	185	645	11.2	H/M/S/SS	V.soft to Medium	Wider	Yes	
			175/70 R13	82	S	L/R	5.0	175	150	575	11.2	H/M/S/SS	Soft to Medium	Medium	Yes	
			195/70 R13	89	S	L/R	6.0	200	165	605	11.2	H/M/S/SS	Soft to Medium	Medium	Yes	
			185/70 R13	86	S	L/R	5.5	185	155	590	11.2	H/M/S/SS	Soft to Medium	Medium	Yes	
			175/65 R14	82	S	L/R	5.0	180	145	585	11.2	H/M/S/SS	Soft to Medium	Medium	Yes	
			185/60 R14	84	S	L/R	5.5	185	150	580	11.2	H/M/S/SS	Soft to Medium	Medium	Yes	
D	ZDM3	185/65 R14	86	S	L/R	5.5	185	155	595	11.2	H/M/S/SS	Soft to Medium	Medium	Under Process		
		175/70 R15	86	S	L/R	5.0	175	150	595	11.2	H/M/S/SS	Soft to Medium	Medium	Yes	FIA BAR CODED	
		185/65 R15	88	S	L/R	5.5	185	155	620	11.2	H/M/S/SS	Soft to Medium	Medium	Yes		
		195/65 R15	91	S	L/R	6.0	195	165	635	11.2	H/M/S/SS	Soft to Medium	Medium	Yes		
		205/65 R15	94	S	L/R	6.0	205	170	650	11.2	H/M/S/SS	Soft to Medium	Medium	Yes		
		195/70 R15	94	S	L/R	6.0	205	180	645	11.2	H/M/S/SS	Soft to Medium	Medium	Yes		
		205/65 R15	94	S	L/R	6.0	205	185	645	11.2	H/M/S/SS	Soft to Medium	Medium	Yes		
		205/65 R15	94	S	NA	6.0	205	135	645	11.6	H/M/S/SS	Wet and Mud	Broader & Wider	Yes		
		225/60 R17	99	S	NA	6.5	225	210	705	11.2	H/M/S/SS	Soft to Medium	Medium	Yes		
		175/70 R13	82	S	NA	5.0	180	150	570	11.2	H/M/S/SS	Soft to Medium	Medium	Yes		
		185/60 R14	82	S	NA	5.5	185	150	575	7.0	M / S	Very Hard	Narrow	Yes		
		185/65 R15	88	S	NA	5.5	185	150	620	9.2	M / S	Very Hard	Narrow	Yes		
H	ZVH1	195/65 R15	91	S	NA	6.0	200	630	7.0	M / S	Very Hard	Narrow	Yes			
		205/65 R15	94	S	NA	6.0	205	640	9.2	M / S	Very Hard	Narrow	Yes			

OFF-ROAD AND CROSS COUNTRY (RADIAL TUBELESS)

2	SI	Brand / Pattern	Tyre Size	Load index	Speed Rating	Equivalent size	Std Rim Width* (inch)	Section Width (mm)	Tread Width (mm)	Overall Diameter (mm)	NSD (mm)	Compound	Tyre Application	ECE (E4) Certified	Remarks
A	B	Wanderer C/C	185/80 R16	102	S	28 x 7.5 R16	5.0	190	160	700	12.0	H/M	Gross country	Yes	
			205/80 R16	104	H	29 x 8.0 R16	5.5	205	175	735	12.0	H/M	Gross country	Under Process	Available Q2 2020
			255/80 R15	112	P	31 x 10 R15	7.0	255	215	790	15.0	H/M	Off roading	Yes	
			235/70 R16	105	P	29 x 9.5 R16	7.0	235	195	740	15.0	H/M	Off roading	Yes	
B	Wanderer O/R	235/80 R16	109	Q	31 x 9.5 R16	6.5	235	200	790	15.0	H/M	Off roading	Yes		

MOTOCROSS (BIAS-TUBE TYPE)

3	SI	Brand / Pattern	Tyre Size	Load index	Speed Rating	Front / Rear	Std Rim Width* (inch)	Section Width (mm)	Tread Width (mm)	Overall Diameter (mm)	NSD (mm)	Compound	Tyre application	ECE (E4) Certified	Remarks
A	B	MMX1	2.75-18	Not Applicable	Front	1.85	75	90	625	10.2	H/M	Mocross	Not Applicable		
			3.25-16	Not Applicable	Rear	2.15	90	100	600	11.5	H/M	Mocross	Not Applicable		
			100/90-19	Not Applicable	Rear	2.5	115	145	675	15.5	H/M	Mocross	Not Applicable		
			80/100-21	Not Applicable	Front	1.85	95	120	710	10.2	H/M	Mocross	Not Applicable		
D	MMX4	110/90-19	Not Applicable	Rear	2.5	105	155	690	15.5	H/M	Mocross	Not Applicable	Available Q2 2020		

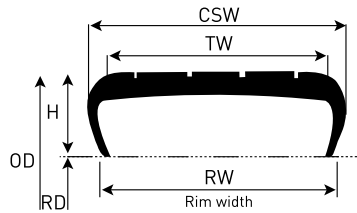
Note: *Std rim width has been specified as above. However for the Optimum performance Plus 0.5" and 1.0" rim can be tried (Section width would increase by 5mm and 10mm respectively).
 **Recommended usage given in the column. However, customer could decide / select the right compound and right tyre based on their performance feedback.
 All the above tyre dimensions are in millimeter (mm), rounded off to the nearest values unless specified in inches. The specified dimensions are design values and are subject to change by the manufacturer at any time.
 Check the availability of the compound before ordering the same. Customer requirement can be met based on their choices.

TECHNICAL INFORMATION

TYRE SIZING / MARKING OF RACING AND RALLY TYRES

Tyre Identification

The marking on the side of the tyre tells us the basic size of the tyre, the rim diameter and the width of the rim. We will illustrate how to read the different types of markings that may appear on the side of rally/racing tyres.



CSW	OD	RD	
Nominal cross section width expressed in mm	Nominal external diameter expressed in mm	Nominal rim diameter expressed in inches	
240	640	18	
CSW	Aspect Ratio (AR)	R	RD
Nominal cross section width expressed in mm	The ratio between the section height and the nominal section width (H/CSW) in mm	Radial construction	Nominal rim diameter expressed in inches
205	65	R	15

Rally Tyre Sizing – Eg. 205/65 R15

where,

- 205 is the CSW of the tyre in mm
- 65 is the aspect ratio
- R – Radial construction
- 15 – Nominal rim diameter in inches

Racing Tyre Sizing (Classification 1) – Eg. 200/540-13

where,

- 200 is the TW of the tyre in mm
- 540 is the OD of the tyre in mm
- 13 – Nominal rim diameter in inches

Racing Tyre Sizing (Classification 2) – Eg. 240/640-18

where,

- 240 is the CSW of the tyre in mm
- 640 is the OD of the tyre in mm
- 18 – Nominal rim diameter in inches

USER INFORMATION

TYRE STORAGE: Tyres should be stored in a cool, dry and dark place away from direct sunlight (Suggested storage temperature: 25°C ± 5°C). Avoid storing tyres in an area which is wet, oily or greasy.

RIMS: Recommended width of the wheel as specified to be used for optimum performance. However, from the original specified rim width ± 0.5” can also be used. ETRTO/JATMA standards can be referred for the correct rim width.

TYRE MOUNTING AND REMOVAL: Mounting/demounting should be done by trained personnel using a suitable mounting machine. Prior to fitment, inspect the rim and tyres for any external damage. Tyres have to be mounted according to the direction of rotation specified on the sidewall. The rim seating area and tyre beads should be lubricated. Recommended tyre pressure to be followed. Check for the proper seating of the beads and tyre centring with reference to RCR (Rim Centre Ring) after inflation. Balancing of the tyres must be done.

LEFT & RIGHT: Directional pattern tyres must be used on the correct side. Left or Right and Outer side marking on the sidewall must be followed for best performance.

HAND-CUT TREAD PATTERN: Groove width between the pattern blocks can be widened if required. However, hand cutting the buttons could alter the performance. Hence a careful decision is to be made based on the terrain conditions.

Compound		Track Surface				Conditions			Track Temperature °C								
Hardness	Working Temp.	Mud/Slush	Soft/Sand	Medium/Packed	Hard/Rocky	Wet	Damp	Dry	-5	0	5	10	15	25	30	35	40+
Hard (H)	70 - 120°C																
Medium (M)	60 - 110°C																
Soft (S)	25 - 80°C																
Wet (W)	20 - 90°C																

Compound		Track Surface			Conditions			Track Temperature °C								
Hardness	Working Temp.	Smooth	Medium	Rough	Wet	Damp	Dry	-5	0	5	10	20	25	30	35	40+
Hard (H)	80 - 130°C															
Medium (M)	50 - 110°C															
Soft (S)	40 - 90°C															
Super Soft (SS)	25 - 80°C															
Wet (W)	20 - 90°C															

COMPOUND HARDNESS MARKING:

Rally tyre and racing tyre compounds are designed for different applications, usage, weather conditions and track temperatures. Compound hardness is identified by H (Hard compound), M (Medium compound), S (Soft compound), SS (Super Soft compound) and W (Wet compound).

RECOMMENDATIONS FOR CORRECT MAINTENANCE AND USE OF TYRES IN COLD ENVIRONMENTS

MRF Motorsport tyres contain high performance rubber compounds and require special treatment when exposed to low temperatures (below 50°F / 10°C). At these temperatures the tyre has reduced flexibility which can result in cracking of the compound if the tyre is not handled correctly.

IN ORDER TO AVOID DAMAGE TO THE COMPOUND AT LOW TEMPERATURES, PLEASE FOLLOW THE INSTRUCTIONS BELOW:

1. Before fitting on a wheel rim the tyres should be stored in a controlled environment at a minimum temperature of 68°F / 20°C for at least 24 hours.
2. These tyres should always be stored at a temperature above 50°F / 10°C.
3. During prolonged periods of non-use the tyres should be removed from the vehicle. If stored / fitted on the wheel air pressure must be reduced by 50%. Do not move the vehicle after reducing the air pressure, as this may cause the compound to crack.

WARNING

ALWAYS mount tyres only on rims which are undamaged, smooth and clean.

ALWAYS be sure that the tyre bead diameter is the same as the nominal rim diameter on which it will be mounted. The beads cannot be forced out against rim flanges by using more air pressure because this will break the beads and the tyre will explode with force sufficient to cause serious injury or death.

NEVER force the bead(s) over the rim flange or use sharp-edged or improper tools that could damage the bead(s) or other parts of the tyre. When passing tyre beads over the rim flange, ensure as much as possible of the bead already over the rim flange, is sitting in the wheel well.

ALWAYS inflate the tyre without the valve core inserted into the valve stem. Inflation air should be as dry as possible. ALWAYS inflate tyres in a safety cage or with another restraint device. NEVER inflate beyond 40 psi to seat the beads during tyre fitment.

NEVER modify any portion of a MRF racing or competition tyre, such as (but not limited to) by chemically treating the tread compound ("soaking" or "softening" the tread). Any modification could result in premature or catastrophic tyre failure leading to personal injury or death.

EXCLUSION OF WARRANTY

MRF Limited makes NO WARRANTIES WHATSOEVER, EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE for its racing or competition tyres. MRF EXPRESSLY DISCLAIMS ALL SUCH WARRANTIES. In no event shall MRF be liable for any kind of general, special, direct, indirect or consequential damages including loss of profits, personal injury etc. arising from the use of its racing or competition tyres. All MRF racing and competition tyres are sold AS IS WHERE IS. Purchasers and users ASSUME ALL RISKS associated with the use of MRF racing and competition tyres.

NEVER USE RACING OR COMPETITION TYRES NOT BEARING THE "E" MARK (OR ANY OTHER LEGAL REQUIREMENT IN THE COUNTRY OF USE) ON PUBLIC STREETS OR HIGHWAYS: IT IS ILLEGAL AND DANGEROUS. NEVER USE A RACING OR COMPETITION TYRE ON PUBLIC STREETS OR HIGHWAYS WHICH HAS BRANDING ON ITS SIDEWALL "Not for Highway Use" OR "For Competition Purpose": IT IS ILLEGAL AND DANGEROUS. MRF RACING and COMPETITION TYRES WHICH ARE NOT MEANT FOR ORDINARY ROAD USE AND DO NOT BEAR AN "E" MARK ARE DESIGNED AND COMPOUNDED EXCLUSIVELY FOR COMPETITION USE ONLY. These tyres are NOT tested, labelled or intended to meet FMVSS 109/119 or ECE 30/75.

Sellers, purchasers and users of MRF racing and competition tyres agree to defend, indemnify and hold harmless MRF Ltd., its officials and business associates, from every type of risk, loss, injury, damage, legal proceedings of whatever kind of nature, which MRF Ltd. may incur or suffer as a result of the improper sale, installation or use of MRF racing and competition tyres.

Any dispute with regard to this warranty/exclusion of warranty statement and claims if any, against the products shall be exclusively governed by the laws of the Republic of India, and subject to the exclusive jurisdiction of the courts in Chennai, India.





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