

# Common Regulations for Permitted Tyres

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### General

1. Certain Championships define the types of tyre permitted to be used and Competitors are recommended to check the requirements in all event and championship regulations.

### Production Tyres

2. The tyres in List 1A are regarded by the manufacturers as Standard Road Tyres. They may have wear bars moulded into the tread to show 1.6mm remaining pattern depth. These are set at six positions around the circumference of the tyre and extend across its width. If any of the wear bars are level with the tread surface at pre-event scrutineering the vehicle will not be allowed to compete.

2.1. Tyres with sidewall markings removed will be prohibited in all events unless they are correctly marked 'Retread' or 'Remould'.

2.2. For Production Saloon and Sports Car racing, only standard road tyres in List 1A are permitted, and only to rim and tyre sizes as laid down for specific car models on Production Car Specification Sheets.

2.3. All tyres must carry an EEC 30 or EEC 108 'E' mark. It is illegal to supply for public highway use new or part-worn tyres that are not 'E' or 'e' marked tyres (ie marked in accordance with requirements of EEC Regulation 30, 30.1, 30.2 or EC Directive 92/23). This includes VR and ZR tyres (previously exempt).

All new tyres sold from 01.11.2012 must be labelled in accordance with EU Reg 1222/2009

All new tyres produced after 01.11.2014 must be marked in accordance with UNECE Regulation 117 (ie carry S, W and R markings)

2.4. Some tyres in Lists 1A and 1B may have additional sidewall markings denoting specific fitment at OE. These markings may be in the vicinity of the range name or after the size designation (eg NO, MO, \*). Such tyres with additional markings are accepted as equivalent to tyres designated in Lists 1A and 1B.

2.5. Tyres marked with an asterisk in Lists may be removed from the lists with effect from 31 December 2018. See Official bulletins for details. Additional tyres may be added to the lists at any time (see Official bulletins for details).

2.6. Run-flat variants of tyres listed in 1A are permitted. Tyre pressure monitoring devices should be used on run-flat tyres.

2.7. Tyre List 1C is solely for Competition Tyres complying with EEC Regulation 30 but not regulation 117.

### Tyres for Special Stage Rallies

3. For Rallies, all tyres used on the Public Highway must comply with the relevant Motor Vehicle Construction and Use Regulations, in addition to dimensions laid down in R.48.5 (Stage Rallies).

3.1. It is the Competitor's responsibility to ensure that only moulded tyres are used at all times. A moulded tyre is defined as one having a tread pattern with a width of 170mm (85mm each side of the tyre centre line) and a circumference of 140mm. In this area, the surface taken up by grooves at least 5.5mm deep and 2mm wide must occupy at least 17% of the total. This tread pattern must be moulded.

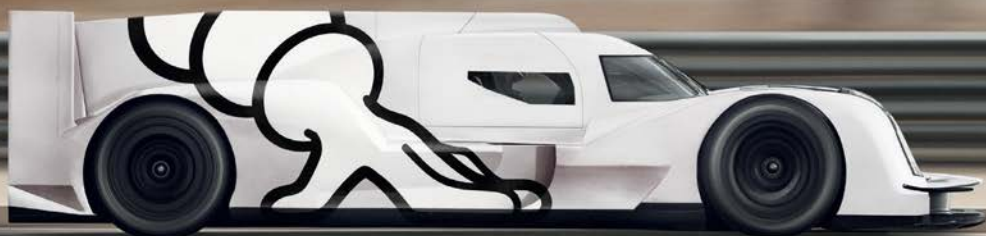
3.2. The sum of the width of the grooves encountered by a circumferential line in the area described above must be at least 4mm. The sum of the width of the grooves encountered by a radial line must be at least 16mm. The bridge blocks and sipes must be considered as part of the tread pattern if they are less than 2mm.

3.3. With the exception of tyres specified in List 6, hand cutting is permitted, but only for the purpose of introducing additional grooves no deeper than those moulded into a new tyre. Hand cutting in order to increase the depth of existing moulded grooves is prohibited.

3.4. At all times during an event the tread depth must not be less than 1.6mm over at least three quarters of the tread pattern.

3.5. FIA homologated tyres are recommended for Stage Rallies. All tyres contained in Lists 1A and 1B are automatically authorised for all Rallies except Endurance Road Rallies (List 4). Please bear in mind that road legal List 1A tyres and some specialist motor sport tyres may not have strengthened sidewalls more normally used in the construction of tyres in List 1B and Rally tyres homologated by the FIA. Tyres marked 'For Racing Purposes Only' are prohibited on Rallies.

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# (L) Permitted Tyres

## LIST 1A

### Production Tyres Suitable for Competition

4. It is prohibited to re-groove tyres in this list.

#### AVON

- CR 322
- ZZ 5
- ZT 5
- ZV 7

#### BRIDGESTONE

- RE 070
- Potenza RE040
- Potenza RE050, RE050A
- Potenza RE070
- Potenza RE050 RFT
- Potenza RE040 RFT
- Adrenalin RE002
- Potenza RE070R
- Potenza RE050A RFT
- Potenza S007
- Potenza S02-A
- Potenza S001
- Potenza S001 RFT
- <sup>(1)</sup>Potenza S007 RFT

#### CONTINENTAL

- ContiSportContact
- ContiEcoContact EP
- ContiSportContact 2
- ContiPremiumContact
- ContiEcoContact 3
- ContiSportContact 5
- ContiPremiumContact 5
- ContiEcoContact 5
- ContiPremiumContact 2
- ContiSportContact 3
- ContiSportContact 5P
- ContiSportContact 6
- ContiPremiumContact 6

#### COOPER

- CS2
- Zeon CS Sport
- \*Zeon CS8

#### DUNLOP

- SP Sport 01
- SP Sport 600
- SP Sport Aquajet/CB73
- \*SP Sport Maxx
- SP Sport Maxx GT
- SP Sport Maxx RT
- \*SP Sport Maxx TT
- \*SP Sport Fastresponse

#### FALKEN

- \*FK-06, G
- \*FK-452
- FK-453
- \*FK-07E, U
- \*SN-807
- \*SN-816
- \*SN-828
- ZE 914
- \*ZIEK ZE912
- SN-832
- **FK 510**

#### FEDERAL

- \*SS 595
- **ST-1**

#### FIRESTONE

- Firehawk SZ 90u
- TZ 300u

#### GT RADIAL

- **Sport Active**

#### GOODYEAR

- \*Eagle F1 Asymmetric
- Eagle F1 Asymmetric 2
- \*Efficient Grip

#### KUMHO

- \*Ecsta KU31 SPT
- \*Ecowing ES01
- \*Ecsta HS51
- Ecsta PS91
- \*Solus KH17
- \*Ecsta HM KH31
- \*Ecsta LE Sport KU39

#### MARSHAL

- \*KR11
- \*KH35
- \*Matrac FX MU11
- \*Matrac XM KH35
- \*Matrac MH11

#### MICHELIN

- Pilot Sport (Excludes Pilot Sport Cup and all competition tyres)
- \*Pilot Sport PS2
- \*Pilot Exalto PE2
- \*165 SR15 XZX (pre 1/10/90)
- \*Primacy HP
- \*Energy Saver +
- Pilot Sport 3
- \*Pilot Super Sport
- <sup>(1)</sup>Pilot Sport Cup 2
- \*Primacy 3

#### NANKANG

- NS-2 (NS-ii)
- NS-20
- AS-1
- XR-611
- CX-688
- AS-2

#### PIRELLI

- P Zero Nero
- \*P Zero Rosso & Direzionale
- P Zero
- \*Cinturato P1
- \*Cinturato P4
- \*Cinturato P6
- \*Cinturato P7
- CA67

#### SEMPERIT

- Comfort Life 2

#### TOYO

- Proxes T1-R
- Proxes T1 Sport
- \*Proxes C1S
- \*330
- \*350
- 310
- NanoEnergy 3
- Proxes CF2
- **Proxes Sport**

<sup>(1)</sup>Only applicable where an OE fitting.  
Contact MSA Technical Department for verification.



**KUMHO TYRE** <sup>7</sup>  
*Better, All-ways*

**GRAVEL OR TARMAC**  
KUMHO HAS THE ANSWER



**R800**



**TM02**

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# (L) Permitted Tyres

## UNIROYAL

- Rain Sport 3
- Rain Expert 3

## VREDESTEIN

- Sportrac 5
- Ultra Vorti
- Vorti R

## YOKOHAMA

- A 008 (Excluding R)
- A 539
- \*AC 01 (C Drive)
- Advan Sport V103
- Advan Neova AD07
- AS 01 (S Drive)
- AC 02 (C Drive 2)
- Parada Spec-2 [PA01]
- Advan Sport V105
- Blue Earth AE50
- \*Blue Earth AE01
- Advan Fleva V701

## LIST 1B

### Sports/Uprated Tyres Suitable for Competition

5. Clubs wishing to use these tyres in events or championships must apply in writing to the MSA, and SRs must provide for their use. These tyres are prohibited for Production Car racing.

Some tyres below are available in compounds which are not E-marked. Only those tyres below that are E-marked are valid.

EU Regulation 1222/2009 for tyre labelling exempts tyres designed for use on cars first registered before the 1st October 1990, therefore a number of tyres remaining on list 1b will only be valid for cars registered before this date, those tyres are appropriately annotated below.

It is prohibited to re-groove tyres in this list.

<sup>(1)</sup>Only applicable where an OE fitting. Contact MSA Technical Department for verification.

## AVON

- ACB 10 Sport (pre 1/10/90)
- CR6ZZ (Including Sport) (pre 1/10/90)
- Turbospeed CR28 Sport (pre 1/10/90)
- CR500
- ZZR (15156 & 15157)
- ZZS

## BRIDGESTONE

- Potenza S007 RFT

## CONTINENTAL

- ContiForce Contact

## DUNLOP

- Formula R D83J (pre 1/10/90)
- Formula R D84J (pre 1/10/90)

## EXTREME

- VR1 (retread)
- VR2 (retread)

## FEDERAL

- \*595 EVO
- 595 RSR

## INTERSTATE

- Race DNRT

## KUMHO

- Ecsta V700 (including V70A) (OE fitments only 215/40x17, 225/40x18 92W, 245/35x18 XL92W. All marked K91)

## MAXSPORT

- RB4 Intermediate (retread)
- RB5 (retread)

## MAXXIS

- \*Maz1 Drift

## MICHELIN

- \*Pilot Sport Cup
- Pilot Sport Cup 2

## NANKANG

- NS-2R
- AR-1

## PIRELLI

- \*P Zero Trofeo
- \*P Zero C
- CA67
- \*CF67

- P Zero Corsa
- P7 Corsa Classic
- P Zero Trofeo R
- CN36

## TOYO

- Proxes R888
- Proxes R1R
- Proxes R888R

## YOKOHAMA

- A032 – R (165/70x10 only)
- A048 – LTS (OE fitments marked LTS in sizes 195/50x16 & 245/45x17 only)
- Advan Neova AD08R
- Advan A052

## ZESTINO

- Gredge 07RS

## LIST 1C

### Sports/Uprated Tyres Suitable for Competition

6. Clubs wishing to use these tyres in events or championships must apply in writing to the MSA, and SRs must provide for their use. These tyres are prohibited for Production Car racing.

Tyres listed on 1b as valid for cars first registered before 01/10/1990 are valid in 1c where fitted to cars first registered after 01/10/1990.

It is prohibited to re-groove tyres in this list.

## AVON

- ZZR

## COOPER

- RS 3-R

## DMACK

- \*Trackday

## DUNLOP

- Direzza DII
- Formula R D83J
- Formula R D84J
- Direzza DZ03G
- Sport Maxx Race

## FEDERAL

- FZ 201

# **NANKANG**

**TYRES**



## **NS-2R**

- MSA List 1B approved
- **Fast road / Track** - designed for fast road and track day use
- **Available** in 13" to 20" sizes
- **Endurance compound** for grip lap after lap come rain or shine



## **AR-1**

- MSA List 1B approved
- **Race** - designed for the racing driver chasing lap times
- **Available** in 13" to 18" sizes
- **Unique compound** optimised for fast track use

 **NANKANG**  
TYRES

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Nankang Tyre UK



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## (L) Permitted Tyres

### GITI

- Compete GTR 2

### KUMHO

- Ecsta V700 (including V70A)  
(Any Compound)

### MICHELIN

- TB15
- TB5 (f & r)

### MRF

- ZTR (Marked Trackday)

### YOKOHAMA

- A021-R
- \*A032-R
- A048
- \*A048(R)
- A050 Medium Compound

## LIST 2

See Section T for details of Permitted tyres

7. It is prohibited to re-groove tyres in this list.

## LIST 3

Tyres for Sporting Car Trials

8. It is prohibited to re-groove tyres in this list.

### MAXXIS

- MA-510N

### NANKANG

- CX668

### VREDESTEIN

- T-Trac 2

## LIST 4

Tyres for Endurance Road Rallies

9. It is prohibited to re-groove tyres in this list.

### AVON

- Avanza
- CR6ZZ (not Sport or 6751)
- Ice Touring

### COLWAY

- \*Road Plus

### FALCON

- PC523

### FALKEN

- KK07E (10in)
- ZIEX-ZE912

### FIRESTONE

- F580C
- \*Multihawk Van
- \*F580 (Incl. Fuel Saver)
- Vanhawk

### PIRELLI

- 190 Snow Control

### SPORTWAY

- R1
- R1+

### VREDESTEIN

- Quatrac 2

## LIST 5

Tyres for Cross Country Events

10. It is prohibited to re-groove tyres in this list.

(Competitive Safaris and Hill Rallies and Point to Point)

5(a) All Terrain

### APOLLO

- Apterra A/T

### ATTURO

- Trail Blade A/T

### AURORA

- RF 05

### AVON

- Ranger AT
- Rangemaster

### BF GOODRICH

- All Terrain KO
- All Terrain KO2

### BRIDGESTONE

- Dueler A/T 694

### COOPER

- Cooper ST
- Discoverer AT
- Discoverer L/T
- Discoverer AT3
- Cooper ST Maxx

### CONTINENTAL

- ContiCrossContact AT

### DICK CEPEK

- Trail Country
- Fun Country

### DUNLOP

- Grandtrek AT2
- Grandtrek AT3

### FALKEN

- Landair LA/AT
- Wildpeak AT01

### FEDIMA

- Rally F4
- Fronteria

### FULDA

- 4x4 Road

### GENERAL GRABBER

- All Terrain
- AT2

### GOODYEAR

- Wrangler AT/SA
- Wrangler AT/SA+

### HANKOOK

- Dynapro AT-M(RF10)

### HERCULES

- Terra Trac AT11
- Ironman All Country A/T

### INSA TURBO

- Mountain AT
- Ranger AT

### ITP

- Ultracross (Sports UTV only)
- Ultracross R Spec (Sports UTV only)

### KINGPIN

- Technic Tracker
- All Terrain
- AT (not Technic AT)

### KUMHO

- KL78 AT

### LASSA

- Competus A/T

### MALATESTA

- Koala

# REVOLUTION

## COMPETITION ▲ WHEELS



### GRI4 RALLY

15 X 6.0 TO 15 X 7.0  
16 X 7.0



### MILLENNIUM RALLY

15 X 7.0 TO 15 X 8.0 / 16 X 5.5 TO 16 X 8.0  
17 X 7.5 TO 17 X 8.0 / 18 X 8.0



### MILLENNIUM II RALLY

#### FLOW-FORMED

18 X 8.0



### 4 SPOKE RACE

13 X 5.5 TO 13 X 10.0



### CR10 RACE

#### FLOW-FORMED

15 X 6.5 / 16 X 7.0 TO 16 X 8.0  
17 X 7.5 TO 17 X 9.5 / 18 X 8.0 TO 18 X 10.0



### 4 SPOKE RALLY

13 X 5.5 TO 13 X 10



### 5 SPOKE RALLY

15 X 6.0 TO 15 X 10.0



### RFX RALLY

13 X 5.5 TO 13 X 6.0 / 14 X 5.5 TO 14 X 6.0  
16 X 7.5 TO 16 X 8.0 / 17 X 7.5 TO 17 X 8.0



### 8 SPOKE RALLY

13 X 6.0 TO 13 X 9.0 / 15 X 5.0 TO 15 X 10.0

For more information contact:

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# (L) Permitted Tyres

## MARIX

- Ecoland
- Panther

## MARSHAL

- Road Venture AT KL78

## MATADOR

- MP 71 – Izzarda 4x4

## MAXSPORT

- RB3
- RB3 Ultra
- RB3 Narrow

## MAXXIS

- MA 751 Bravo
- Spearz M991(Sports UTV only)

## MICKEY THOMPSON

- Baja ATZ
- Baja STZ

## MICHELIN

- Latitude Cross

## MITAS

- CT-06

## NANKANG

- FT-7

## NEXEN (ROADSTONE)

- Radial A/T 4x4
- Roadian AT2

## NITTO

- Terra Grappler (inc GT2)
- Dura Grappler

## NORTENHA

- AT
- AT1

## PIRELLI

- Scorpion Zero
- Scorpion Zero Asimmetrico
- Scorpion STR
- Scorpion ATR
- Scorpion Verde

## PRO COMP

- XTreme A/T

## RUNWAY

- Enduro AT

## SPORTWAY

- AT+

## TECHNOSPEED

- All Terrain

## TOYO

- Open Country AT
- Open Country AT+

## YOKOHAMA

- Geolander A/T-S

## 5(b) MUD TERRAIN

Tyres in List 5(a) and the following:

## ATTURO

- Trail Blade M/T
- Trail Blade X/T

## BF GOODRICH

- Mud Terrain T/A KM2

## COOPER

- Discoverer STT (MT)

## DICK CEPEK

- Crusher
- Mud Country
- Extreme Country

## FEDIMA

- Extreme
- Extreme Evolution
- F/Guide
- F/Mud
- F/Power
- MT
- Partner
- VJ910

## FIRESTONE

- SAT

## GENERAL GRABBER

- Mud Terrain
- SAG Radial

## GOODYEAR

- G90
- Wrangler MT / R
- Dura Trac

## GT

- Adventuro M/T

## HANKOOK

- Dynapro MT (RT03)

## INSA TURBO

- SAHARA M/T
- Dakar M/T
- SAHARA Competition
- Traction Trac
- \*TSL/SX

## KINGPIN

- KMTR Mud Terrain
- (Technic) Amazon
- Track Mud

## KONATI

- Mongrel(Sports UTV only)

## KUMHO

- KL71 MT
- KL72
- KL73

## LASSA

- LT/A
- OK-144

## MALATESTA

- Kobra Trac NT
- Kamel

## MARIX

- Puma

## MARSHAL

- Road Venture MT KL71

## MASTERCRAFT

- Courser MXT

## MASTERCRAFT

- \*MT

## MAXXIS

- M8060 Trepador
- MT762 Bighorn
- MT764 Bighorn
- Ceros

## MICKEY THOMPSON

- BAJA MTZ Radial

## MICHELIN

- XZL (mud terrain)

## NANKANG

- N-889
- FT-9

## NEXEN

- Roadian MT

## NITTO

- Trail Grappler

## NORTENHA

- MT
- MTK2
- GrabPlus

## PRO COMP

- X Terrain

## RUNWAY

- Enduro M/T

## SIMEX

- Jungle Trekker

## SPORTWAY

- MT+

## TECHNOSPEED

- Cross Power
- All Track
- All Track Reinforce

## TENSOR

- Regulator (Sports UTV only)

## TOYO

- Open Country MT

## 5(c) AGGRESSIVE Tyres in Lists 5(a) and (b) and the following:

### BRONCO

- Diamond Back

### DICK CEPEK

- Crusher

### FEDIMA

- F/Cross
- Trial Ade
- Sirocco

## INSA TURBO

- Special Track

## KINGPIN

- Highlander Diamond

## MALATESTA

- Kobra Trac Diamond
- Kaiman

## MAXSPORT

- Diamond

## MICKEY THOMPSON

- TTC Radial

## MARIX

- Lion

## MAXXIS

- M8060 Trepador Competition
- Creepy Crawler M8090
- M917/M918 Bighorn

## NORTENHA

- NXTRAC
- NXFUN

## PIT BULL

- Rocker

## RECIPI

- Maxi 3D O/R
- Trial M/T

## SIMEX

- Extreme Trekker

## LIST 6

### Tyres for unsealed surface Stage Rallies:

11. Other than as specified below only the tyres listed here are permitted for stage rallies subject to R.1.1.9.

Cars using wheels of 12in diameter or less are exempt but the tyres may not be hand cut in any form.

Cross Country vehicles with a valid CCLB and for which a suitable fitting is not available may use tyres from Lists 5(a) or 5(b).

Where conditions dictate the Clerk of the Course, with the agreement of the Stewards of the Meeting, may declare the event to be of "Winter Conditions" and suspend the requirement to comply with Tyre List 6.

It is prohibited to re-groove tyres in this list.

## AVON

- SFR
- M&S

## DMACK

- DMG+
- DMG+2
- DMG1
- DMG2
- DMG3
- Surface Saver
- DMG+22

## DUNLOP

- DZ86 R/RW
- DZ87R
- SP61/82
- SP85

## FEDERAL

- G10

## HANKOOK

- R201
- R202
- R203 NEW
- R203
- R204
- R213

## HOOSIER

- GTS
- GTM
- GTH

## KUMHO

- R800
- R900

## MAXXIS

- Victra R19

## MICHELIN

- FB
- LATCROSS HR/HL
- TL40
- TL
- TZ
- TZS
- LTX Force T
- LTX Force T XL

## (L) Permitted Tyres

### PIRELLI

- GM
- K
- KM
- XR
- Scorpion XR
- WRC Scorpion K\*\*
- T

### MRF

- ZDM3
- ZG1
- ZG2
- ZGM
- ZVH1

### YOKOHAMA

- A035
- A035E
- A036
- A053

### MAXSPORT

- RB3 Narrow
- RB3 Ultra
- RB3



**SPECTATE SAFELY!**

**WARNING**  
MOTOR SPORT  
CAN BE  
**DANGEROUS**

DESAPRETO ORGANIZACAOES NUNCA ASSUMEM RESPONSABILIDADE POR ACIDENTES OU DANOS MATERIAIS. POR FAVOR, SEJA SEMPRE ALERTO E SIGA AS INSTRUÇÕES DOS MARSHALS.

**ARI**  
NEEDS  
**YOU**  
TO

**Be alert!**

**Always expect the unexpected**

**Stay at the designated spectator areas**

**Remember that in an accident anything can happen**

**Always follow the instructions of the marshals**

**Your safety - Your life**

**ONLY A SAFE RALLY IS A GOOD RALLY**

**#AriNeedsYou**  [msauk.org/rallyfuture](http://msauk.org/rallyfuture)