

HOW TO SELECT A TYRE

Tyre size and maximum speed of the vehicle.  
The maximum load capacity per axle (Load index).  
Your style driving and road condition.

MOUNTING & DISMOUNTING

Only get trained people mounting and dismounting your tyres.

TYRE PRESSURE

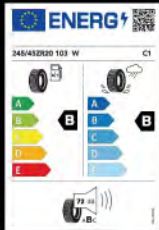
For safe drive, it is extremely important to drive with the right pressure.

CHECK FOLLOWING ITEMS IN REGULAR WAY

Tread pattern  
Unusual wear, tread groove separation, bulges.. etc.

Sidewall  
Impact, Bulges, Ozone cracking, vehicle contact damage etc.

Pressure  
The inflated pressure will be changed during long driving and changed circumstances temperature.



These data can be changed by the manufactuer without prior notice and differently applied by regions.

Printed on Jan. 2025

ZETA

POWERED  
BY PERFORMANCE

2025  
Products Manual

# WHY ZETA

## OUTSTANDING VALUE BACKED BY WORD LEADING INDUSTRY 4.0 MANUFACTURING.

State of the art manufacturing facility, only opened in 2008.

Design engineering from Europe, using the most up to date design technology available. Over 600 size already available, with more serial will be introduced in near future.

All size tested & approved according to Regulation of (EU) No.2020/740 and registered by EPREL regarding Wet Grip ,Rolling Resistance, External Noise , Snow Grip & Ice Grip which Stipulated by Europe Union.  
Certification for each market are available.

Full coverage of Quality Warranty and Products Liability Insurance.

Exclusive distribution arrangements available.

Direct factory program, ensuring regular, steady supply and competitive price.

Full market support to develop your business.

New EV serial be available by spring of 2023.

Professional customer service.





## PASSENGER SUMMER TYRE



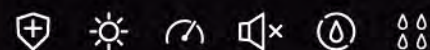
**ALVENTI IMPERO ZTR50 ZTR20 ZTR18 ZTR10**



**ZTR08 TOLEDO ZIVARO A/T FORTRAK M/T ARTORIA EV**

**ALVENTI**

- Modern asymmetric design, outer longitudinal grooves to reduce aquaplaning risk, leading to safety on wet conditions.
- Inner inclined grooves to increase lateral grip and reduce noise, leading to outstanding traction & riding comfort.
- Improved lateral rigidity at high speed with high levels of handling.

**ALVENTI**

| Size       | Loading Index | Speed | Max. Speed |     | Max. Pressure |        | Max. Load |        |
|------------|---------------|-------|------------|-----|---------------|--------|-----------|--------|
|            |               |       | Km/h       | MPH | S(kpa)        | S(psi) | S (kg)    | S (lb) |
| 195/65R15  | 91            | V     | 240        | 149 | 300           | 44     | 615       | 1356   |
| 195/65R15  | 95 XL         | H     | 210        | 130 | 340           | 49     | 690       | 1521   |
| 205/65R15  | 94            | H     | 210        | 130 | 300           | 44     | 670       | 1477   |
| 205/65R16  | 95            | V     | 240        | 149 | 300           | 44     | 690       | 1521   |
| 185/60R15  | 88 XL         | V     | 240        | 149 | 300           | 44     | 560       | 1233   |
| 195/60R16  | 89            | H     | 210        | 130 | 300           | 44     | 580       | 1279   |
| 205/60R16  | 96 XL         | V     | 240        | 149 | 340           | 49     | 710       | 1565   |
| 215/60R16  | 95            | V     | 240        | 149 | 300           | 44     | 690       | 1521   |
| 225/60R16  | 98            | H     | 210        | 130 | 300           | 44     | 750       | 1653   |
| 195/55R15  | 85            | V     | 240        | 149 | 300           | 44     | 515       | 1135   |
| 195/55ZR16 | 91 XL         | W     | 270        | 168 | 340           | 49     | 615       | 1355.8 |
| 205/55ZR16 | 91            | W     | 270        | 168 | 300           | 44     | 615       | 1356   |
| 215/55ZR16 | 97 XL         | W     | 270        | 168 | 340           | 49     | 730       | 1609   |
| 225/55ZR16 | 99 XL         | W     | 270        | 168 | 340           | 49     | 775       | 1709   |
| 205/55ZR17 | 95 XL         | W     | 270        | 168 | 340           | 49     | 690       | 1521   |
| 215/55ZR17 | 98 XL         | Y     | 300        | 186 | 340           | 49     | 750       | 1653   |
| 225/55ZR17 | 101 XL        | W     | 270        | 168 | 340           | 49     | 825       | 1819   |
| 235/55ZR17 | 103 XL        | Y     | 300        | 186 | 340           | 49     | 875       | 1929   |
| 225/55ZR18 | 102 XL        | W     | 270        | 168 | 340           | 49     | 850       | 1874   |
| 195/50R15  | 82            | V     | 240        | 149 | 300           | 44     | 475       | 1047   |
| 205/50ZR17 | 93 XL         | Y     | 300        | 186 | 340           | 49     | 650       | 1433   |
| 215/50ZR17 | 95 XL         | Y     | 300        | 186 | 340           | 49     | 690       | 1521   |
| 225/50ZR17 | 98 XL         | Y     | 300        | 186 | 340           | 49     | 750       | 1653   |
| 235/50ZR17 | 100 XL        | W     | 270        | 168 | 340           | 49     | 800       | 1764   |
| 195/45R16  | 84 XL         | V     | 240        | 149 | 340           | 49     | 500       | 1102   |
| 215/45ZR16 | 86            | W     | 270        | 168 | 300           | 44     | 530       | 1168   |
| 205/45ZR17 | 88 XL         | Y     | 300        | 186 | 340           | 49     | 560       | 1235   |
| 215/45ZR17 | 91 XL         | Y     | 300        | 186 | 340           | 49     | 615       | 1356   |
| 225/45ZR17 | 94 XL         | W     | 270        | 168 | 340           | 49     | 670       | 1477   |
| 235/45ZR17 | 97 XL         | Y     | 300        | 186 | 340           | 49     | 730       | 1609   |
| 225/45ZR18 | 95 XL         | Y     | 300        | 186 | 340           | 49     | 690       | 1521   |
| 235/45ZR18 | 98 XL         | Y     | 300        | 186 | 340           | 49     | 750       | 1653   |
| 245/45ZR18 | 100 XL        | W     | 270        | 168 | 340           | 49     | 800       | 1764   |
| 255/45ZR18 | 103 XL        | Y     | 300        | 186 | 340           | 49     | 875       | 1929   |
| 225/45ZR19 | 96 XL         | Y     | 300        | 186 | 340           | 49     | 710       | 1565   |
| 235/45ZR19 | 99 XL         | Y     | 300        | 186 | 340           | 49     | 775       | 1709   |
| 245/45ZR19 | 102 XL        | Y     | 300        | 186 | 340           | 49     | 850       | 1874   |
| 255/45ZR20 | 105 XL        | Y     | 300        | 186 | 340           | 49     | 925       | 2039   |
| 265/45ZR20 | 104           | W     | 270        | 168 | 300           | 44     | 900       | 1980   |

**ALVENTI**

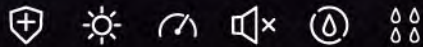
| Size       | Loading Index | Speed | Max. Speed<br>Km/h | Max. Speed<br>MPH | Max. Pressure<br>S(kpa) | Max. Pressure<br>S(psi) | Max. Load<br>S(kg) | Max. Load<br>S(lb) |
|------------|---------------|-------|--------------------|-------------------|-------------------------|-------------------------|--------------------|--------------------|
| 215/40ZR17 | 87 XL         | Y     | 300                | 186               | 340                     | 49                      | 545                | 1207               |
| 215/40ZR18 | 89 XL         | Y     | 300                | 186               | 340                     | 49                      | 580                | 1279               |
| 225/40ZR18 | 92 XL         | Y     | 300                | 186               | 340                     | 49                      | 630                | 1389               |
| 235/40ZR18 | 97 XL         | Y     | 300                | 186               | 340                     | 49                      | 730                | 1609               |
| 245/40ZR18 | 97 XL         | Y     | 300                | 186               | 340                     | 49                      | 730                | 1609               |
| 255/40ZR18 | 99 XL         | Y     | 300                | 186               | 340                     | 49                      | 775                | 1709               |
| 225/40ZR19 | 93 XL         | Y     | 300                | 186               | 340                     | 49                      | 650                | 1433               |
| 235/40ZR19 | 96 XL         | Y     | 300                | 186               | 340                     | 49                      | 710                | 1563               |
| 245/40ZR19 | 98 XL         | Y     | 300                | 186               | 340                     | 49                      | 750                | 1653               |
| 255/40ZR19 | 100 XL        | Y     | 300                | 186               | 340                     | 49                      | 800                | 1763               |
| 275/40ZR19 | 101           | Y     | 300                | 186               | 300                     | 44                      | 825                | 1813               |
| 245/40ZR20 | 99 XL         | Y     | 300                | 186               | 340                     | 49                      | 775                | 1709               |
| 255/40ZR20 | 101 XL        | W     | 270                | 168               | 340                     | 49                      | 925                | 2039               |
| 255/40ZR21 | 102 XL        | Y     | 300                | 186               | 340                     | 49                      | 850                | 1874               |
| 265/40ZR21 | 105 XL        | Y     | 300                | 186               | 340                     | 49                      | 925                | 2039               |
| 215/35ZR18 | 84 XL         | W     | 270                | 168               | 340                     | 49                      | 500                | 1102               |
| 255/35ZR18 | 94 XL         | Y     | 300                | 186               | 340                     | 49                      | 670                | 1477               |
| 265/35ZR18 | 97 XL         | W     | 270                | 168               | 340                     | 49                      | 730                | 1609               |
| 215/35ZR19 | 85 XL         | W     | 270                | 168               | 340                     | 49                      | 515                | 1125               |
| 225/35ZR19 | 88 XL         | Y     | 300                | 186               | 340                     | 49                      | 560                | 1235               |
| 235/35ZR19 | 93 XL         | Y     | 300                | 186               | 340                     | 49                      | 650                | 1433               |
| 245/35ZR19 | 97 XL         | Y     | 300                | 186               | 340                     | 49                      | 730                | 1609               |
| 255/35ZR19 | 96 XL         | Y     | 300                | 186               | 340                     | 49                      | 710                | 1563               |
| 275/35ZR19 | 100 XL        | Y     | 300                | 186               | 340                     | 49                      | 800                | 1764               |
| 225/35ZR20 | 93 XL         | W     | 270                | 168               | 340                     | 49                      | 650                | 1433               |
| 245/35ZR20 | 95 XL         | Y     | 300                | 186               | 340                     | 49                      | 690                | 1523               |
| 255/35ZR20 | 97 XL         | W     | 270                | 168               | 340                     | 49                      | 730                | 1609               |
| 275/35ZR20 | 102 XL        | Y     | 300                | 186               | 340                     | 49                      | 850                | 1874               |
| 285/35ZR20 | 104 XL        | Y     | 300                | 186               | 340                     | 49                      | 900                | 1984               |
| 295/35ZR20 | 105 XL        | W     | 270                | 168               | 340                     | 49                      | 925                | 2039               |
| 275/35ZR21 | 103 XL        | Y     | 300                | 186               | 340                     | 49                      | 875                | 1925               |
| 255/30ZR19 | 91 XL         | Y     | 300                | 186               | 340                     | 49                      | 615                | 1356               |
| 265/30ZR19 | 93 XL         | W     | 270                | 168               | 340                     | 49                      | 650                | 1433               |
| 275/30ZR19 | 96 XL         | Y     | 300                | 186               | 340                     | 49                      | 710                | 1563               |
| 245/30ZR20 | 97 XL         | W     | 270                | 168               | 340                     | 49                      | 730                | 1609               |
| 275/30ZR20 | 102 XL        | Y     | 300                | 186               | 340                     | 49                      | 850                | 1874               |
| 285/30ZR20 | 99 XL         | W     | 270                | 168               | 340                     | 49                      | 775                | 1709               |
| 275/30ZR21 | 99 XL         | Y     | 300                | 186               | 340                     | 49                      | 750                | 1653               |
| 315/30ZR21 | 105 XL        | Y     | 300                | 186               | 340                     | 49                      | 925                | 2039               |





# IMPERO

- Modern design and premium high performance tyre provides sport trucks , SUVs, and crossovers with superb handling.
- Confident all-season performance , consistent wear and smooth , quite ride.



## IMPERO

| Size       | Loading Index | Speed |   | Max. Speed<br>Km/h | MPH | Max. Pressure |        | Max. Load |        |
|------------|---------------|-------|---|--------------------|-----|---------------|--------|-----------|--------|
|            |               |       |   |                    |     | S(kpa)        | S(psi) | S (kg)    | S (lb) |
| 215/65R16  | 102           | XL    | H | 210                | 130 | 340           | 49     | 850       | 1874   |
| 215/65R17  | 99            | V     |   | 240                | 149 | 300           | 44     | 775       | 1709   |
| 225/65R17  | 102           | H     |   | 210                | 130 | 300           | 44     | 850       | 1874   |
| 235/65R17  | 108           | XL    | V | 240                | 149 | 340           | 49     | 1000      | 2205   |
| 255/65R17  | 110           | H     |   | 210                | 130 | 300           | 44     | 1060      | 2337   |
| 265/65R17  | 112           | H     |   | 210                | 130 | 300           | 44     | 1120      | 2469   |
| 235/65R18  | 110           | XL    | H | 210                | 130 | 340           | 49     | 1060      | 2337   |
| 235/60R16  | 100           | V     |   | 240                | 149 | 300           | 44     | 800       | 1764   |
| 215/60R17  | 96            | H     |   | 210                | 130 | 300           | 44     | 710       | 1565   |
| 225/60R17  | 99            | V     |   | 240                | 149 | 300           | 44     | 775       | 1709   |
| 235/60R17  | 102           | H     |   | 210                | 130 | 300           | 44     | 850       | 1874   |
| 225/60R18  | 104           | XL    | V | 240                | 149 | 340           | 49     | 900       | 1984   |
| 235/60R18  | 107           | XL    | V | 240                | 149 | 340           | 49     | 975       | 2149   |
| 245/60R18  | 105           | V     |   | 240                | 149 | 300           | 44     | 925       | 2039   |
| 255/60R18  | 112           | XL    | H | 210                | 130 | 340           | 49     | 1120      | 2469   |
| 265/60R18  | 110           | V     |   | 240                | 149 | 300           | 44     | 1060      | 2337   |
| 275/60R20  | 115           | V     |   | 240                | 149 | 300           | 44     | 1215      | 2679   |
| 235/55ZR17 | 103           | XL    | W | 270                | 168 | 340           | 49     | 875       | 1929   |
| 215/55R18  | 99            | XL    | V | 240                | 149 | 340           | 49     | 775       | 1709   |
| 235/55R18  | 100           | V     |   | 240                | 149 | 300           | 44     | 800       | 1764   |
| 255/55ZR18 | 109           | XL    | W | 270                | 168 | 340           | 49     | 1030      | 2271   |
| 225/55R19  | 99            | V     |   | 240                | 149 | 300           | 44     | 774       | 1706   |
| 235/55ZR19 | 105           | XL    | W | 270                | 168 | 340           | 49     | 925       | 2039   |
| 245/55ZR19 | 103           | W     |   | 270                | 168 | 300           | 44     | 875       | 1929   |
| 255/55R19  | 111           | XL    | V | 240                | 149 | 340           | 49     | 1090      | 2403   |
| 275/55R19  | 111           | V     |   | 240                | 149 | 300           | 44     | 1090      | 2403   |
| 235/55ZR20 | 102           | W     |   | 270                | 168 | 300           | 44     | 850       | 1874   |
| 255/55R20  | 110           | XL    | V | 240                | 149 | 340           | 49     | 1060      | 2337   |
| 275/55ZR20 | 117           | XL    | W | 270                | 168 | 340           | 49     | 1285      | 2833   |
| 215/50R18  | 96            | XL    | V | 240                | 149 | 340           | 49     | 710       | 1565   |
| 225/50ZR18 | 99            | XL    | W | 270                | 168 | 340           | 49     | 775       | 1709   |
| 235/50ZR18 | 101           | XL    | W | 270                | 168 | 340           | 49     | 825       | 1819   |



## IMPERO

| Size       | Loading Index | Speed | Max. Speed |     | Max. Pressure |        | Max. Load |        |
|------------|---------------|-------|------------|-----|---------------|--------|-----------|--------|
|            |               |       | Km/h       | MPH | S(kpa)        | S(psi) | S (kg)    | S (lb) |
| 245/50ZR18 | 104           | XL W  | 270        | 168 | 340           | 49     | 900       | 1984   |
| 235/50ZR19 | 103           | XL W  | 270        | 168 | 340           | 49     | 875       | 1929   |
| 245/50ZR19 | 105           | XL W  | 270        | 168 | 340           | 49     | 925       | 2039   |
| 255/50ZR19 | 103           | W     | 270        | 168 | 300           | 44     | 875       | 1929   |
| 265/50ZR19 | 110           | XL Y  | 300        | 186 | 340           | 49     | 1060      | 2337   |
| 235/50ZR20 | 104           | XL W  | 270        | 168 | 340           | 49     | 900       | 1984   |
| 245/50ZR20 | 102           | W     | 270        | 168 | 300           | 44     | 850       | 1874   |
| 275/50R20  | 113           | XL V  | 240        | 149 | 340           | 49     | 1150      | 2535   |
| 255/45ZR19 | 100           | W     | 270        | 168 | 300           | 44     | 800       | 1764   |
| 285/45ZR19 | 107           | W     | 270        | 168 | 300           | 44     | 975       | 2149   |
| 245/45ZR20 | 103           | XL W  | 270        | 168 | 340           | 49     | 875       | 1929   |
| 275/45ZR20 | 110           | XL W  | 270        | 168 | 340           | 49     | 1060      | 2337   |
| 285/45ZR20 | 112           | XL Y  | 300        | 186 | 340           | 49     | 1120      | 2469   |
| 265/45ZR21 | 104           | Y     | 300        | 186 | 300           | 44     | 900       | 1984   |
| 275/45ZR21 | 110           | XL Y  | 300        | 186 | 340           | 49     | 1060      | 2337   |
| 285/45ZR21 | 113           | XL Y  | 300        | 186 | 340           | 49     | 1150      | 2535   |
| 285/45ZR22 | 114           | XL W  | 270        | 168 | 340           | 49     | 1180      | 2601   |
| 245/40ZR20 | 99            | XL W  | 270        | 168 | 340           | 49     | 775       | 1709   |
| 275/40ZR20 | 106           | XL W  | 270        | 168 | 340           | 49     | 950       | 2094   |
| 305/40ZR20 | 112           | XL W  | 270        | 168 | 340           | 49     | 1120      | 2469   |
| 275/40ZR21 | 107           | XL Y  | 300        | 186 | 340           | 49     | 975       | 2149   |
| 285/40ZR21 | 109           | XL Y  | 300        | 186 | 340           | 49     | 1030      | 2271   |
| 295/40ZR21 | 111           | XL W  | 270        | 168 | 340           | 49     | 1090      | 2403   |
| 315/40ZR21 | 111           | Y     | 300        | 186 | 300           | 44     | 1090      | 2403   |
| 265/40ZR22 | 106           | XL W  | 270        | 168 | 340           | 49     | 950       | 2094   |
| 275/40R22  | 108           | XL V  | 240        | 149 | 340           | 49     | 1000      | 2205   |
| 315/35ZR20 | 110           | XL W  | 270        | 168 | 340           | 49     | 1060      | 2337   |
| 295/35ZR21 | 107           | XL Y  | 300        | 186 | 340           | 49     | 975       | 2149   |
| 315/35ZR21 | 111           | XL Y  | 300        | 186 | 340           | 49     | 1090      | 2403   |
| 265/35ZR22 | 102           | XL W  | 270        | 168 | 340           | 49     | 850       | 1874   |
| 285/35ZR22 | 106           | XL W  | 270        | 168 | 340           | 49     | 950       | 2094   |
| 315/30ZR22 | 107           | XL Y  | 300        | 186 | 340           | 49     | 975       | 2149   |





ZTR50

- Special profile design has been adopted to increase tyre rigidity and driving comfort, high-speed stability and safety.
- Pitch pattern designed by CAD reduces the noise generation.
- Innovative tread compound provides better all-season grip, lower rolling resistance and improved mileage.



ZTR50

| Size      | Loading Index | Speed | Max. Speed |     | Max. Pressure |        | Max. Load |        |         |
|-----------|---------------|-------|------------|-----|---------------|--------|-----------|--------|---------|
|           |               |       | Km/h       | MPH | S(kpa)        | S(psi) | S (kg)    | S (lb) |         |
| 155/80R13 | 79            | T     | 190        | 118 | 300           | 44     | 437       | 963    | D B 70B |
| 155/70R13 | 79 XL         | T     | 190        | 118 | 340           | 49     | 437       | 963    | C B 71B |
| 165/70R13 | 79            | T     | 190        | 118 | 300           | 36     | 437       | 963    | C B 70B |
| 175/70R13 | 82            | H     | 210        | 130 | 300           | 44     | 475       | 1047   | C B 70B |
| 165/70R14 | 81            | T     | 190        | 118 | 300           | 44     | 462       | 1019   | C B 70B |
| 175/70R14 | 88 XL         | T     | 190        | 118 | 340           | 49     | 560       | 1235   | C B 71B |
| 185/70R14 | 88            | H     | 210        | 130 | 300           | 44     | 560       | 1235   | C B 70B |
| 195/70R14 | 91            | H     | 210        | 130 | 300           | 44     | 610       | 1345   | C B 70B |
| 165/65R13 | 77            | H     | 210        | 130 | 300           | 44     | 412       | 908    | C B 70B |
| 155/65R14 | 75            | T     | 190        | 118 | 300           | 44     | 387       | 853    | C B 70B |
| 165/65R14 | 79            | H     | 210        | 130 | 300           | 44     | 437       | 963    | C B 70B |
| 175/65R14 | 86 XL         | H     | 210        | 130 | 340           | 49     | 530       | 1168   | C B 71B |
| 175/65R14 | 82            | H     | 210        | 130 | 300           | 44     | 475       | 1047   | C B 70B |
| 185/65R14 | 86            | H     | 210        | 130 | 300           | 44     | 530       | 1168   | C B 70B |
| 175/65R15 | 88 XL         | H     | 210        | 130 | 340           | 49     | 560       | 1235   | C B 71B |
| 185/65R15 | 88            | H     | 210        | 130 | 300           | 44     | 560       | 1235   | C B 70B |
| 165/60R14 | 75            | H     | 210        | 130 | 300           | 44     | 387       | 853    | D B 70B |
| 185/60R14 | 82            | H     | 210        | 130 | 300           | 44     | 475       | 1047   | C B 70B |
| 175/60R15 | 81            | H     | 210        | 130 | 300           | 44     | 462       | 1019   | C B 70B |
| 185/60R15 | 88 XL         | H     | 210        | 130 | 340           | 49     | 560       | 1235   | C B 71B |
| 195/60R15 | 88            | V     | 240        | 149 | 300           | 44     | 560       | 1235   | C B 71B |
| 165/55R14 | 72            | H     | 210        | 130 | 300           | 44     | 355       | 783    | D B 70B |

ZTR10

ZTR20

- Directional design with four optimized wide longitudinal grooves ensure water expulsion and precise steering on wet grip.
- High stiffness center rib can ensure straight-line performance and extremely improve response and stability when corning or change the lane.
- Solid center rib designed for high-speed stability.
- Four deep grooves ensure fast water disposal and improve the handling on wet, snow and dry conditions.
- Separated by anarrow groove on shoulder areas ensure low rolling resistance and improved handling when turning.



ZTR10

| Size       | Loading Index | Speed | Max. Speed |     | Max. Pressure |        | Max. Load |        |         |
|------------|---------------|-------|------------|-----|---------------|--------|-----------|--------|---------|
|            |               |       | Km/h       | MPH | S(kpa)        | S(psi) | S (kg)    | S (lb) |         |
| 195/50R16  | 84            | V     | 240        | 149 | 300           | 44     | 500       | 1102   | C B 71B |
| 205/50ZR16 | 87            | W     | 270        | 168 | 300           | 44     | 545       | 1201   | C B 71B |
| 225/50ZR16 | 92            | W     | 270        | 168 | 300           | 44     | 630       | 1389   | B B 71B |
| 205/45ZR16 | 87 XL         | W     | 270        | 168 | 340           | 49     | 545       | 1201   | C B 72B |
| 245/45ZR17 | 99 XL         | W     | 270        | 168 | 340           | 49     | 775       | 1709   | B B 72B |
| 205/40ZR17 | 84 XL         | W     | 270        | 168 | 340           | 49     | 500       | 1102   | C B 72B |
| 245/40ZR17 | 95 XL         | W     | 270        | 168 | 340           | 49     | 690       | 1521   | B B 72B |

ZTR20

| Size      | Loading Index | Speed | Max. Speed |     | Max. Pressure |        | Max. Load |        |         |
|-----------|---------------|-------|------------|-----|---------------|--------|-----------|--------|---------|
|           |               |       | Km/h       | MPH | S(kpa)        | S(psi) | S (kg)    | S (lb) |         |
| 185/70R13 | 86            | T     | 190        | 118 | 300           | 44     | 530       | 1168   | C B 70B |
| 205/70R15 | 96            | H     | 210        | 130 | 300           | 44     | 710       | 1565   | B B 71B |
| 215/65R16 | 98            | H     | 210        | 130 | 300           | 44     | 750       | 1653   | B B 71B |
| 195/60R14 | 86            | H     | 210        | 130 | 300           | 44     | 530       | 1168   | C B 71B |
| 205/60R15 | 91            | V     | 240        | 149 | 300           | 44     | 615       | 1356   | B B 71B |
| 175/55R15 | 77            | H     | 210        | 130 | 300           | 44     | 412       | 908    | C B 70B |
| 185/55R15 | 82            | V     | 240        | 149 | 300           | 44     | 475       | 1047   | C B 70B |
| 185/55R16 | 83            | V     | 240        | 149 | 300           | 44     | 487       | 1074   | C B 70B |

## ZTR08

## ZTR18

- Compact shoulder design to improving stability on shoulder area.
- Special optimized sipes design on mid of tread , provide extra grip capability and braking performance.
- Special tread compound reduces fuel consumption and increases higher mileage.

- Non-directional twists and turn groove new design provides outstanding grip when driving on all season application, even in stony, muddy and off-road condition surfaces.
- Continuous channels ensure faster and more effective water explosion from the contact patch.
- Special tread compound reduces fuel consumption and increases higher mileage.



### ZTR08

| Size        | Loading Index | Speed | Max. Speed |     | Max. Pressure |        | Max. Load |        |         |
|-------------|---------------|-------|------------|-----|---------------|--------|-----------|--------|---------|
|             |               |       | Km/h       | MPH | S(kpa)        | S(psi) | S (kg)    | S (lb) |         |
| 185R14C-8PR | 102/100       | R     | 170        | 106 | 450           | 65     | 850       | 1874   | C B 72B |
| 195R14C-8PR | 106/104       | R     | 170        | 106 | 450           | 65     | 950       | 2094   | C B 72B |
| 195R15C-8PR | 106/104       | S     | 180        | 112 | 450           | 65     | 950       | 2094   | C B 72B |

### ZTR18

| Size           | Loading Index | Speed | Max. Speed |     | Max. Pressure |        | Max. Load |        |         |
|----------------|---------------|-------|------------|-----|---------------|--------|-----------|--------|---------|
|                |               |       | Km/h       | MPH | S(kpa)        | S(psi) | S (kg)    | S (lb) |         |
| 185/75R16C-8PR | 104/102       | S     | 180        | 112 | 475           | 69     | 900       | 1984   | C B 72B |
| 195/75R16C-8PR | 107/105       | R     | 170        | 106 | 475           | 69     | 975       | 2149   | C B 72B |
| 205/75R16C-8PR | 110/108       | R     | 170        | 106 | 475           | 69     | 1060      | 2337   | C B 72B |
| 215/75R16C-8PR | 113/111       | S     | 180        | 112 | 475           | 69     | 1150      | 2535   | C B 72B |
| 175/70R14C-6PR | 95/93         | S     | 180        | 112 | 375           | 55     | 690       | 1520   | C B 72B |
| 195/70R15C-8PR | 104/102       | S     | 180        | 112 | 450           | 65     | 900       | 1984   | C B 72B |
| 215/70R15C-8PR | 109/107       | S     | 180        | 112 | 475           | 69     | 1030      | 2271   | C B 72B |
| 225/70R15C-8PR | 112/110       | S     | 180        | 112 | 475           | 69     | 1120      | 2469   | C B 72B |
| 215/65R15C-6PR | 104/102       | T     | 190        | 118 | 375           | 55     | 900       | 1984   | C B 72B |
| 195/65R16C-8PR | 104/102       | T     | 190        | 118 | 475           | 69     | 900       | 1984   | C B 72B |
| 205/65R16C-8PR | 107/105       | T     | 190        | 118 | 475           | 69     | 975       | 2149   | C B 72B |
| 215/65R16C-8PR | 109/107       | T     | 190        | 118 | 475           | 69     | 1030      | 2271   | C B 72B |
| 225/65R16C-8PR | 112/110       | T     | 190        | 118 | 475           | 69     | 1120      | 2469   | C B 72B |
| 235/65R16C-8PR | 115/113       | T     | 190        | 118 | 475           | 69     | 1215      | 2679   | C B 72B |

**TOLEDO ZIVARO 4/T**

- The tread pattern void ratio is balanced for excellent off-road traction and on road handling.
- High-density siping helps resist hydroplaning by cutting through the thin film of water on the road surface, this provides outstanding all-season traction.

- Warparound tread gives tyres a rugged look and guards against cuts , bruises' and impact breaks , affords outstanding traction especially in muddy or snowy conditions.
- Reinforced wide tread gauge helps to prevent internal damage from impacts sustains when off the road.
- Thick sidewall rubber gauge helps to minimize damage from off-road impact.
- Reinforced carcass and rubber gauge improved hill climbing and steering stability both on and off the road.

**TOLEDO**

| Size        | Loading Index | Speed | Max. Speed |     | Max. Pressure |        | Max. Load |        |
|-------------|---------------|-------|------------|-----|---------------|--------|-----------|--------|
|             |               |       | Km/h       | MPH | S(kpa)        | S(psi) | S (kg)    | S (lb) |
| LT235/75R15 | 110/107       | S     | 180        | 112 | 450           | 65     | 1060      | 2337   |
| LT265/75R16 | 123/120 XL    | Q     | 160        | 100 | 550           | 80     | 1550      | 3417   |
| 245/75R16   | 109           | S     | 180        | 112 | 300           | 44     | 1030      | 2271   |
| 235/70R16   | 109 XL        | T     | 190        | 118 | 340           | 49     | 1030      | 2271   |
| 245/70R16   | 111 XL        | T     | 190        | 118 | 340           | 49     | 1090      | 2403   |
| 265/70R16   | 112           | H     | 210        | 130 | 300           | 44     | 1120      | 2469   |
| 275/65R17   | 115           | H     | 210        | 130 | 300           | 44     | 1215      | 2679   |

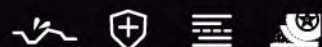
[illegible]**ZIVARO A/T**

| Size             | Loading Index | Speed | Max. Speed |     | Max. Pressure |        | Max. Load |        |
|------------------|---------------|-------|------------|-----|---------------|--------|-----------|--------|
|                  |               |       | Km/h       | MPH | S(kpa)        | S(psi) | S (kg)    | S (lb) |
| 215/70R16        | 100           | H     | 210        | 130 | 300           | 44     | 800       | 1764   |
| 225/70R16        | 103           | T     | 190        | 118 | 300           | 44     | 875       | 1929   |
| 225/65R17        | 102           | H     | 210        | 130 | 300           | 44     | 850       | 1874   |
| 265/65R17        | 112           | T     | 190        | 118 | 300           | 44     | 1120      | 2469   |
| 265/60R18        | 114 XL        | T     | 190        | 118 | 340           | 49     | 1180      | 2601   |
| 265/50R20        | 111 XL        | V     | 240        | 149 | 340           | 49     | 1090      | 2403   |
| LT215/85R16-10PR | 115/112       | S     | 180        | 112 | 550           | 80     | 1215      | 2680   |
| LT235/85R16-10PR | 120/116       | Q     | 160        | 99  | 550           | 80     | 1380      | 3042   |
| LT235/80R17-10PR | 120/117       | S     | 180        | 112 | 550           | 80     | 1400      | 3085   |
| LT215/75R15-6PR  | 100/97        | S     | 190        | 118 | 550           | 80     | 800       | 1764   |
| LT235/75R15-8PR  | 110/107       | S     | 180        | 112 | 450           | 65     | 1060      | 2335   |
| LT225/75R16-10PR | 115/112       | S     | 180        | 112 | 550           | 80     | 1215      | 2680   |
| LT245/75R16-10PR | 120/116       | S     | 180        | 112 | 550           | 80     | 1380      | 3042   |
| LT265/75R16-10PR | 123/120       | S     | 180        | 112 | 550           | 80     | 1550      | 3415   |
| LT285/75R16-10PR | 126/123       | S     | 180        | 112 | 550           | 80     | 1700      | 3750   |
| LT245/75R17-10PR | 121/118       | S     | 180        | 112 | 550           | 80     | 1450      | 3195   |
| LT235/70R16-6PR  | 104/101       | S     | 180        | 112 | 350           | 50     | 900       | 1985   |
| LT245/70R16-10PR | 118/115       | S     | 180        | 112 | 550           | 80     | 1320      | 2910   |
| LT265/70R16-10PR | 121/118       | S     | 180        | 112 | 550           | 80     | 1450      | 3195   |
| LT245/70R17-10PR | 119/116       | S     | 180        | 112 | 550           | 80     | 1360      | 3000   |
| LT265/70R17-10PR | 121/118       | S     | 180        | 112 | 550           | 80     | 1450      | 3195   |
| LT285/70R17-10PR | 121/118       | Q     | 160        | 99  | 550           | 80     | 1450      | 3195   |
| LT265/70R18-10PR | 124/121       | S     | 180        | 112 | 550           | 80     | 1600      | 3525   |
| LT275/70R18-10PR | 125/122       | S     | 180        | 112 | 550           | 80     | 1650      | 3640   |
| LT275/65R18-10PR | 123/120       | S     | 180        | 112 | 550           | 80     | 1550      | 3415   |
| LT275/65R20-10PR | 126/123       | S     | 180        | 112 | 550           | 80     | 1700      | 3750   |
| LT265/60R20-10PR | 121/118       | S     | 180        | 112 | 550           | 80     | 1450      | 3195   |
| LT285/60R20-10PR | 125/122       | S     | 180        | 112 | 550           | 80     | 1650      | 3640   |
| 31*10.5R15LT-6PR | 109           | S     | 180        | 112 | 350           | 50     | 1030      | 2270   |

[illegible]

## FORTRAK M/T

- Specially designed tread block provide better grip in mud , sand and snow.
- Unique stone-Ejector grooves along with a rugged shoulder help to prevent damage from impact.
- Optimized void-to-rubber ratio provides excellent traction.
- Large surface area tread blocks provide increased grip.



### FORTRAK M/T

| Size               | Loading Index | Speed | Max. Speed |     | Max. Pressure |        | Max. Load |        |
|--------------------|---------------|-------|------------|-----|---------------|--------|-----------|--------|
|                    |               |       | Km/h       | MPH | S(kpa)        | S(psi) | S (kg)    | S (lb) |
| 33x12.50R18LT-10PR | 118           | Q     | 160        | 99  | 450           | 65     | 1320      | 2910   |
| 33x12.50R20LT-10PR | 114           | Q     | 160        | 99  | 450           | 65     | 1180      | 2600   |
| 35X12.50R17LT-10PR | 121           | Q     | 160        | 99  | 450           | 65     | 1450      | 3195   |
| 35X12.50R18LT-10PR | 123           | Q     | 160        | 99  | 450           | 65     | 1550      | 3415   |
| 35X12.50R20LT-10PR | 121           | Q     | 160        | 99  | 450           | 65     | 1450      | 3195   |
| LT285/65R18-10PR   | 125/122       | Q     | 160        | 99  | 550           | 80     | 1650      | 3640   |



## EV SERIAL TYRE

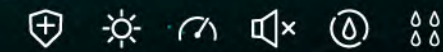


**ARTORIA EV**

# ARTORIA EV



- Brand-New Silent pattern technology, three kinds of computer-optimized varying pitch sequence combined with highly elastic tread formulation idea.
- Adopts super rigidity block for tread central pattern, which not only meets the requirements of high wear mileage, but also provides excellent grip, effectively transferring the huge torque of e-vehicle, and obtain high-speed stability.
- Perfect high bearing capacity. Introduce High load, high safety multiple structure design, to avoid stress concentration, meanwhile optimized each material plus improved liner formulation.
- Tread pattern with high rigid pattern block and high sea-land ratio design, with ultra-low roll resistance formula design, effectively reduce the tire internal energy loss during driving process , so as to reduce rolling energy consumption, improve the endurance mileage of electric vehicles.
- New composite tread material design, creative tread mouth arrangement , upgraded design of crown band layer to strong guarantee ultra-low rolling resistance.



## ARTORIA EV

New

| Size       | Loading Index | Speed | Max. Speed |     | Max. Pressure |        | Max. Load |        |             |
|------------|---------------|-------|------------|-----|---------------|--------|-----------|--------|-------------|
|            |               |       | Km/h       | MPH | S(kpa)        | S(psi) | S (kg)    | S (lb) |             |
| 255/50ZR20 | 109 XL        | W     | 270        | 168 | 340           | 49     | 1030      | 2271   | B B 72B     |
| 235/45ZR18 | 98 XL         | Y     | 300        | 186 | 340           | 49     | 750       | 1653   | B B 71B     |
| 245/45ZR19 | 102 XL        | W     | 270        | 168 | 340           | 49     | 850       | 1874   | B B 71B     |
| 235/45ZR20 | 100 XL        | W     | 270        | 168 | 340           | 49     | 800       | 1764   | TBA TBA TBA |
| 255/45ZR19 | 104 XL        | W     | 270        | 168 | 340           | 49     | 900       | 1984   | B B 72B     |
| 255/45ZR21 | 105 XL        | Y     | 300        | 186 | 340           | 49     | 925       | 2039   | TBA TBA TBA |
| 235/40ZR19 | 96 XL         | W     | 270        | 168 | 340           | 49     | 710       | 1565   | A B 71B     |
| 285/40ZR19 | 107 XL        | Y     | 300        | 186 | 340           | 49     | 975       | 2149   | TBA TBA TBA |
| 255/40ZR20 | 101 XL        | W     | 270        | 168 | 340           | 49     | 825       | 1819   | B A 72B     |



## ALL-WEATHER TYRES

OUTSTANDING EVERYWHERE



**M+S**



**ACTIVE 4S**

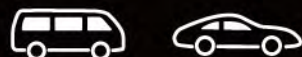
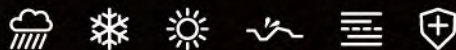


**ACTIVEPOWER 4S**

ACTIVEPOWER 4s

ACTIVE 4s

- A non-directional All-season tyre for Van and light truck, total balance designing to combine with functions and performances.
  - Optimized sipes improve excellent wet grip and traction on both hydroplaning and snow road surface.
  - Large shoulder block provide strength and stiffness for outstand handling and braking while driving.
  - Premium Silica compound yields excellent wear and lower Rolling-resistance in service.
- 
- A high performance all season tyre with as asymmetric tread design, which has been optimized to provide superior comfort in dry or wet weather and light snow road condition.
  - Multiple sipes across the tread enhance traction in all Weather.
  - Variable-pitching shoulders design allow for high stability and lower noise.
  - A special silica-compound leads to increased tread mileage.



ACTIVEPOWER 4s

| Size       | Ply     | Loading Index | Speed | Type | Tread Depth |     | Max. Speed<br>Km/h |
|------------|---------|---------------|-------|------|-------------|-----|--------------------|
|            |         |               |       |      | 1/32"       | mm  |                    |
| 195/70R15C | 8PR/LRD | 104/102       | R     | Van  | 12.0        | 9.5 | 170                |
| 195/65R16c | 8PR/LRD | 104/102       | R     | Van  | 12.0        | 9.5 | 170                |
| 205/65R16c | 8PR/LRD | 107/105       | T     | Van  | 12.0        | 9.5 | 190                |
| 215/65R16c | 8PR/LRD | 109/107       | T     | Van  | 12.0        | 9.5 | 190                |
| 225/65R16c | 8PR/LRD | 112/110       | S     | Van  | 12.1        | 9.6 | 180                |
| 235/65R16c | 8PR/LRD | 115/113       | R     | Van  | 12.2        | 9.7 | 170                |



|   |   |     |
|---|---|-----|
| C | B | 73B |
| C | B | 73B |
| C | B | 73B |
| C | B | 73B |
| C | B | 73B |
| C | B | 73B |

ACTIVE 4s

| Size       | Loading Index | Speed | Type | Tread Depth |     | Max. Speed<br>Km/h |
|------------|---------------|-------|------|-------------|-----|--------------------|
|            |               |       |      | 1/32"       | mm  |                    |
| 165/70R14  | 81            | T     | PCR  | 10.7        | 8.5 | 190                |
| 175/70R14  | 88 XL         | T     | PCR  | 10.7        | 8.5 | 190                |
| 155/65R14  | 75            | T     | PCR  | 10.7        | 8.5 | 190                |
| 175/65R14  | 82            | T     | PCR  | 10.7        | 8.5 | 190                |
| 185/65R15  | 88            | H     | PCR  | 10.7        | 8.5 | 210                |
| 195/65R15  | 91            | H     | PCR  | 10.7        | 8.5 | 210                |
| 215/65R16  | 102 XL        | H     | PCR  | 10.7        | 8.5 | 210                |
| 185/60R15  | 88 XL         | H     | PCR  | 10.7        | 8.5 | 210                |
| 195/60R15  | 88            | H     | PCR  | 10.7        | 8.5 | 210                |
| 205/60R16  | 96 XL         | H     | PCR  | 10.7        | 8.5 | 210                |
| 235/60R18  | 107 XL        | V     | PCR  | 10.7        | 8.5 | 240                |
| 185/55R15  | 82            | H     | PCR  | 10.7        | 8.5 | 210                |
| 195/55R15  | 85            | H     | PCR  | 10.7        | 8.5 | 210                |
| 195/55R16  | 87            | H     | PCR  | 10.7        | 8.5 | 210                |
| 205/55R16  | 91            | V     | PCR  | 10.7        | 8.5 | 240                |
| 215/55R16  | 97 XL         | V     | PCR  | 10.7        | 8.5 | 240                |
| 215/55ZR17 | 98 XL         | W     | PCR  | 10.7        | 8.5 | 270                |
| 225/55ZR17 | 101 XL        | W     | PCR  | 10.7        | 8.5 | 270                |
| 195/50R15  | 82            | V     | PCR  | 10.7        | 8.5 | 240                |
| 205/50ZR17 | 93 XL         | W     | PCR  | 10.7        | 8.5 | 270                |
| 225/50R17  | 98 XL         | V     | PCR  | 10.7        | 8.5 | 240                |
| 225/45R17  | 94 XL         | V     | PCR  | 10.7        | 8.5 | 240                |



|   |   |     |
|---|---|-----|
| D | B | 71B |
| D | B | 71B |
| D | B | 71B |
| D | B | 71B |
| D | B | 71B |
| D | B | 72B |
| C | B | 72B |
| D | B | 71B |
| D | B | 72B |
| D | B | 72B |
| D | B | 72B |
| C | B | 72B |
| C | B | 72B |
| C | B | 72B |
| D | B | 72B |
| D | B | 72B |
| C | B | 72B |
| C | B | 72B |

**ZETA**



## SNOW WITH PASSION

3d-sipes Design With 3rd Generation Silica Tech.  
 Certified Mountain-snowflake  
 Nearly Introduced Studable Winter Tyres  
 Improve Driving Experance On Snow  
 As Well As Ice.



## WINTER TYRES



**ANTARCTICA 5**



**ANTARCTICA 5+**



**ANTARCTICA 6**



**ANTARCTICA 8**



**ANTARCTICA ICE**



**ANTARCTICA  
SPORT**



## ANTARCTICA 5

- Designed for excellent comfort, long life and safe trips with short braking distance.
- Specially developed compound and pattern designed for wet and cold road conditions.
- Pattern designed by special simulation programs , and balance water flow and road handling.



Studless winter tyres for PCR



### ANTARCTICA 5



| Size      | Loading Index | Speed | Tread Depth |     | Max. Speed |   |   |       |
|-----------|---------------|-------|-------------|-----|------------|---|---|-------|
|           |               |       | 1/32"       | mm  | Km/h       |   |   |       |
| 155/80R13 | 79            | T     | 10.6        | 8.4 | 190        | D | D | )) 71 |
| 155/70R13 | 75            | T     | 10.6        | 8.4 | 190        | D | D | )) 71 |
| 165/70R14 | 81            | T     | 10.3        | 8.2 | 190        | D | D | )) 71 |
| 175/70R14 | 88 XL         | T     | 11.0        | 8.7 | 190        | D | D | )) 71 |
| 155/65R13 | 73            | T     | 10.6        | 8.4 | 190        | D | D | )) 71 |
| 155/65R14 | 75            | T     | 10.3        | 8.2 | 190        | D | D | )) 71 |
| 175/65R14 | 82            | T     | 10.7        | 8.5 | 190        | D | D | )) 71 |
| 185/65R14 | 86            | T     | 10.7        | 8.5 | 190        | D | D | )) 71 |
| 175/65R15 | 84            | T     | 11.0        | 8.7 | 190        | D | D | )) 71 |
| 185/65R15 | 88            | T     | 10.7        | 8.5 | 190        | D | D | )) 71 |
| 195/65R15 | 91            | H     | 10.7        | 8.5 | 210        | D | C | )) 72 |
| 205/65R15 | 94            | H     | 10.7        | 8.5 | 210        | D | C | )) 72 |
| 215/65R16 | 98            | H     | 10.7        | 8.5 | 210        | C | C | )) 72 |
| 185/60R14 | 82            | T     | 10.7        | 8.5 | 190        | D | D | )) 71 |
| 185/60R15 | 88 XL         | H     | 10.7        | 8.5 | 210        | D | D | )) 71 |
| 195/60R15 | 88            | H     | 10.7        | 8.5 | 210        | D | C | )) 72 |
| 205/60R16 | 96 XL         | H     | 10.7        | 8.5 | 210        | D | C | )) 72 |
| 215/60R16 | 99 XL         | H     | 10.7        | 8.5 | 210        | C | C | )) 72 |
| 185/55R15 | 82            | H     | 11.0        | 8.7 | 210        | D | D | )) 71 |
| 195/55R15 | 85            | H     | 10.7        | 8.5 | 210        | D | C | )) 72 |
| 195/55R16 | 87            | H     | 10.7        | 8.5 | 210        | D | C | )) 72 |
| 205/55R16 | 91            | H     | 10.7        | 8.5 | 210        | C | C | )) 72 |
| 215/55R16 | 97 XL         | V     | 10.7        | 8.5 | 240        | C | C | )) 72 |
| 225/55R16 | 99 XL         | V     | 10.7        | 8.5 | 240        | C | C | )) 72 |
| 205/55R17 | 95 XL         | H     | 11.0        | 8.7 | 210        | D | C | )) 72 |
| 215/55R17 | 98 XL         | H     | 10.7        | 8.5 | 210        | C | C | )) 72 |
| 225/55R17 | 97            | H     | 10.7        | 8.5 | 210        | C | C | )) 72 |
| 205/50R17 | 93 XL         | H     | 10.7        | 8.5 | 240        | D | C | )) 72 |
| 215/50R17 | 95 XL         | H     | 11.0        | 8.7 | 210        | C | C | )) 72 |
| 225/50R17 | 98 XL         | H     | 11.0        | 8.7 | 210        | C | C | )) 72 |
| 195/45R16 | 84 XL         | H     | 11.0        | 8.7 | 210        | D | C | )) 72 |
| 225/45R17 | 94 XL         | V     | 10.7        | 8.5 | 240        | C | C | )) 72 |
| 245/45R18 | 100 XL        | V     | 10.7        | 8.5 | 240        | C | C | )) 72 |
| 225/40R18 | 92 XL         | V     | 10.7        | 8.5 | 240        | C | C | )) 72 |

## ANTARCTICA 5 +

- V-Sharp Tread management, evacuates water for great wet handling and decreased hydroplaning , also excellent handling performance.
- 100% 3-D HD Siping Design will increased snow traction and grip force under heavy cold road condition.
- Stiff shoulder blocks keeps your vehicle stability and curve safety.



Studless winter tyres for PCR



**New**

### ANTARCTICA 5 +



| Size      | Loading Index | Speed | Type | Tread Depth mm | Max. Speed Km/h |  |
|-----------|---------------|-------|------|----------------|-----------------|-------------------------------------------------------------------------------------|
| 165/70R13 | 79            | T     | PCR  | 8              | 190             | D D )) 71                                                                           |
| 165/70R14 | 81            | T     | PCR  | 8.3            | 190             | D D )) 71                                                                           |
| 175/70R14 | 88 XL         | T     | PCR  | 8.3            | 190             | D D )) 71                                                                           |
| 175/65R14 | 82            | T     | PCR  | 8.3            | 190             | D D )) 71                                                                           |
| 185/65R14 | 86            | H     | PCR  | 8.3            | 210             | D C )) 71                                                                           |
| 185/65R15 | 88            | H     | PCR  | 8.3            | 210             | D C )) 71                                                                           |
| 195/65R15 | 91            | H     | PCR  | 8.3            | 210             | D C )) 72                                                                           |
| 205/65R16 | 95            | T     | PCR  | 8.3            | 190             | D C )) 72                                                                           |
| 215/65R16 | 98            | H     | PCR  | 8.3            | 210             | C C )) 72                                                                           |
| 185/60R14 | 82            | H     | PCR  | 8.3            | 210             | D C )) 71                                                                           |
| 195/60R14 | 86            | T     | PCR  | 8              | 190             | D C )) 72                                                                           |
| 185/60R15 | 84            | H     | PCR  | 8.3            | 210             | D C )) 71                                                                           |
| 195/60R15 | 88            | H     | PCR  | 8.3            | 210             | D C )) 72                                                                           |
| 205/60R16 | 96 XL         | H     | PCR  | 8.3            | 210             | D C )) 72                                                                           |
| 215/60R16 | 99 XL         | H     | PCR  | 8.3            | 210             | C C )) 72                                                                           |
| 225/60R16 | 102 XL        | T     | PCR  | 8.3            | 190             | C C )) 72                                                                           |
| 195/55R15 | 85            | H     | PCR  | 8.3            | 210             | D C )) 72                                                                           |
| 205/55R16 | 91            | H     | PCR  | 8.3            | 210             | D C )) 72                                                                           |
| 215/55R16 | 97 XL         | H     | PCR  | 8.3            | 210             | C C )) 72                                                                           |
| 215/55R17 | 94            | T     | PCR  | 8.3            | 190             | D C )) 72                                                                           |
| 225/55R17 | 97            | T     | PCR  | 8.3            | 190             | C C )) 72                                                                           |
| 235/50R18 | 101 XL        | H     | PCR  | 8.3            | 210             | C C )) 72                                                                           |
| 245/50R18 | 100           | H     | PCR  | 8.3            | 210             | C C )) 72                                                                           |
| 215/45R16 | 90 XL         | H     | PCR  | 8.3            | 210             | D C )) 72                                                                           |
| 215/45R17 | 91 XL         | H     | PCR  | 8.3            | 210             | D C )) 72                                                                           |
| 225/45R17 | 94 XL         | V     | PCR  | 8.3            | 240             | D C )) 72                                                                           |
| 235/45R17 | 97 XL         | T     | PCR  | 8.3            | 190             | C C )) 72                                                                           |
| 235/45R18 | 98 XL         | H     | PCR  | 8.3            | 210             | C C )) 72                                                                           |
| 255/45R18 | 103 XL        | H     | PCR  | 8.3            | 210             | C C )) 73                                                                           |
| 255/45R19 | 100           | H     | PCR  | 8.3            | 210             | C C )) 73                                                                           |

ANTARCTICA 6 ANTARCTICA 8

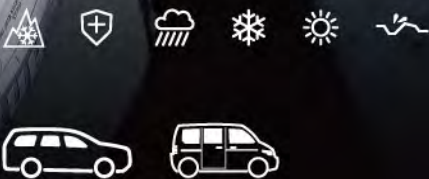


Studless winter tyres for AT/SUV

- Higher anti-aquaplaning performance design to improve driving stability and safety on wet surface.
- Enough rigidity on shoulder areas to ensure outstanding cross-country performance even on snow or ice.

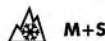
Studless winter tyres for VAN

- Three wide longitudinal grooves provide quick water dispersal and improve handling, braking and hydroplaning resistance.
- High number of blocks, and high density of 3D-sipes, ensures more safety and mobility.
- Drainage grooves on both sides of the shoulder area, work in tandem to effectively drain snow, slush and water, maximizing the tyre's contact with road surface.



ANTARCTICA 6

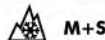
| Size      | Loading Index | Speed | Type   | Tread Depth |     | Max. Speed<br>Km/h |
|-----------|---------------|-------|--------|-------------|-----|--------------------|
|           |               |       |        | 1/32"       | mm  |                    |
| 215/70R16 | 100           | H     | AT/SUV | 12.0        | 9.5 | 210                |
| 245/70R17 | 110           | T     | AT/SUV | 12.0        | 9.5 | 190                |
| 235/65R17 | 108 XL        | V     | AT/SUV | 12.0        | 9.5 | 210                |
| 245/65R17 | 107           | H     | AT/SUV | 12.0        | 9.5 | 210                |
| 215/60R17 | 96            | H     | AT/SUV | 12.0        | 9.5 | 210                |
| 225/60R18 | 100           | H     | AT/SUV | 11.0        | 8.7 | 210                |
| 235/60R18 | 107 XL        | T     | AT/SUV | 11.0        | 8.7 | 190                |
| 235/55R17 | 103 XL        | V     | AT/SUV | 12.0        | 9.5 | 240                |
| 215/55R18 | 95            | H     | AT/SUV | 11.0        | 8.7 | 210                |
| 225/55R18 | 98            | T     | AT/SUV | 11.0        | 8.7 | 190                |
| 235/55R18 | 104 XL        | H     | AT/SUV | 11.0        | 8.7 | 210                |
| 255/55R18 | 109 XL        | V     | AT/SUV | 12.0        | 9.5 | 240                |
| 235/55R19 | 101           | H     | AT/SUV | 11.0        | 8.7 | 210                |



|   |   |     |
|---|---|-----|
| C | C | )72 |
| C | C | )72 |
| C | C | )72 |
| C | C | )72 |
| D | C | )72 |
| C | C | )72 |
| C | C | )72 |
| C | C | )72 |
| C | C | )72 |
| C | C | )72 |
| C | C | )72 |
| C | C | )72 |
| C | C | )72 |
| C | C | )72 |
| C | C | )72 |

ANTARCTICA 8

| Size           | Loading Index | Speed | Type | Tread Depth |      | Max. Speed<br>Km/h |
|----------------|---------------|-------|------|-------------|------|--------------------|
|                |               |       |      | 1/32"       | mm   |                    |
| 195/70R15C-8PR | 104/102       | S     | Van  | 12.5        | 9.9  | 180                |
| 205/70R15C-8PR | 106/104       | S     | Van  | 12.5        | 9.9  | 180                |
| 225/70R15C-8PR | 112/110       | S     | Van  | 13.0        | 10.3 | 180                |
| 195/65R16C-8PR | 104/102       | T     | Van  | 12.5        | 9.9  | 190                |
| 205/65R16C-8PR | 107/105       | T     | Van  | 12.5        | 9.9  | 190                |
| 215/65R16C-8PR | 109/107       | T     | Van  | 12.5        | 9.9  | 190                |
| 235/65R16C-8PR | 115/113       | S     | Van  | 13.0        | 10.3 | 180                |



|   |   |     |
|---|---|-----|
| D | C | )73 |
| C | D | )73 |
| C | C | )73 |
| D | C | )73 |
| C | D | )73 |
| C | C | )73 |
| C | C | )73 |

ANTARCTICA ICE

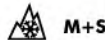
- Two circumferential tracks and the central step-shaped groove ensure outstanding course stability and precise handling at cornering.
- Balanced tread profile provide excellent driving characteristics and shorter braking in the most city harsh road conditions.
- Special Smart winter rubber compound with ideally balanced softness, grip, wear resistance and strength characteristics.



Studable winter tyres for PCR



ANTARCTICA ICE



| Size      | Loading Index | Type | Tread Depth |      | Max. Speed | No.of stud |           |
|-----------|---------------|------|-------------|------|------------|------------|-----------|
|           |               |      | 1/32"       | mm   |            |            |           |
| 205/70R15 | 100 T XL      | PCR  | 12.0        | 9.5  | 190        | 102        | C C )) 72 |
| 225/70R16 | 107 T XL      | PCR  | 13.3        | 10.5 | 190        | 110        | C C )) 72 |
| 235/70R16 | 106 T XL      | PCR  | 13.3        | 10.5 | 190        | 112        | D C )) 72 |
| 245/70R16 | 111 T XL      | PCR  | 13.3        | 10.5 | 190        | 114        | C C )) 72 |
| 265/70R16 | 112 T XL      | PCR  | 13.3        | 10.5 | 190        | 114        | C C )) 73 |
| 175/65R14 | 82 T          | PCR  | 12.0        | 9.5  | 190        | 89         | D D )) 71 |
| 185/65R14 | 86 T          | PCR  | 12.0        | 9.5  | 190        | 91         | D D )) 71 |
| 185/65R15 | 88 T          | PCR  | 12.0        | 9.5  | 190        | 95         | D D )) 71 |
| 195/65R15 | 95 T XL       | PCR  | 12.0        | 9.5  | 190        | 97         | D C )) 72 |
| 205/65R15 | 99 T XL       | PCR  | 12.0        | 9.5  | 190        | 100        | C C )) 72 |
| 205/65R16 | 99 T XL       | PCR  | 12.0        | 9.5  | 190        | 98         | C C )) 72 |
| 215/65R16 | 102 T XL      | PCR  | 12.0        | 9.5  | 190        | 105        | C C )) 72 |
| 185/60R15 | 88 T XL       | PCR  | 12.0        | 9.5  | 190        | 90         | D D )) 71 |
| 195/60R15 | 88 T          | PCR  | 12.0        | 9.5  | 190        | 92         | D C )) 72 |
| 205/60R16 | 92 T          | PCR  | 12.0        | 9.5  | 190        | 99         | C C )) 72 |
| 215/60R16 | 99 T XL       | PCR  | 12.0        | 9.5  | 190        | 101        | C C )) 72 |
| 225/60R16 | 102 T XL      | PCR  | 12.0        | 9.5  | 190        | 103        | C C )) 72 |
| 195/55R16 | 91 T XL       | PCR  | 12.0        | 9.5  | 190        | 91         | C C )) 72 |
| 205/55R16 | 91 T          | PCR  | 12.0        | 9.5  | 190        | 96         | C C )) 72 |
| 215/55R16 | 97 T XL       | PCR  | 12.0        | 9.5  | 190        | 100        | C C )) 72 |
| 215/55R17 | 94 T          | PCR  | 12.0        | 9.5  | 190        | 100        | D C )) 72 |
| 225/55R17 | 97 T          | PCR  | 12.0        | 9.5  | 190        | 100        | C C )) 72 |
| 225/50R17 | 98 H XL       | PCR  | 12.0        | 9.5  | 210        | 100        | C C )) 72 |
| 225/45R17 | 94 H XL       | PCR  | 12.0        | 9.5  | 210        | 97         | C C )) 72 |
| 245/45R18 | 100 H XL      | PCR  | 12.0        | 9.5  | 210        | 98         | C C )) 72 |
| 225/40R18 | 92 H XL       | PCR  | 12.0        | 9.5  | 210        | 97         | C C )) 72 |



ANTARCTICA SPORT

- V-sharp directional studdable tread design integrated more comfort and safety drive on Ice/Snow surface.
- Advanced high elasticity tread rubber compound formulation fitted for a very low temperature.
- Enhances pulling capacity and traction performance on heavy icy road optimized stud pin position combined with multi-sipe groove arrangement.



Stunable winter tyres for AT/SUV/LT/Van

ANTARCTICA SPORT

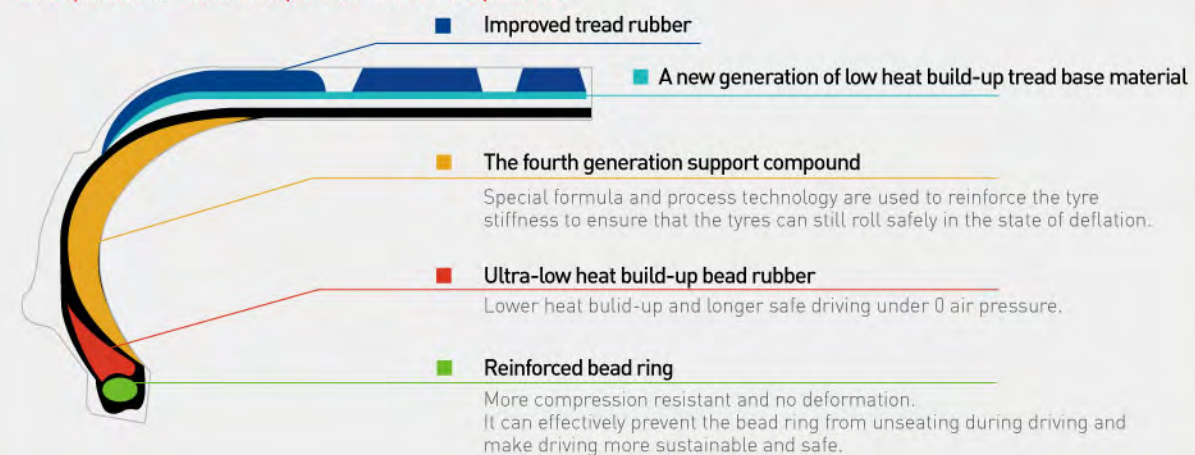


| Size             | Loading Index | Type | Tread Depth |      | Max. Speed | No.of stud |           |
|------------------|---------------|------|-------------|------|------------|------------|-----------|
|                  |               |      | 1/32"       | mm   |            |            |           |
| 215/70R16        | 100 T         | SUV  | 13.3        | 10.5 | 190        | 109        | C C )) 72 |
| 265/70R17        | 115 S         | SUV  | 13.3        | 10.5 | 180        | 115        | C C )) 73 |
| 215/65R17        | 103 T XL      | SUV  | 13.3        | 10.5 | 190        | 107        | C C )) 72 |
| 225/65R17        | 102 T         | SUV  | 13.3        | 10.5 | 190        | 111        | D C )) 72 |
| 235/65R17        | 108 T XL      | SUV  | 13.3        | 10.5 | 190        | 113        | C C )) 72 |
| 265/65R17        | 116 T XL      | SUV  | 13.3        | 10.5 | 190        | 113        | C C )) 73 |
| 215/60R17        | 96 T          | SUV  | 13.3        | 10.5 | 190        | 105        | D C )) 72 |
| 225/60R17        | 103 T XL      | SUV  | 13.3        | 10.5 | 190        | 107        | C C )) 72 |
| 265/60R18        | 114 T XL      | SUV  | 12.0        | 9.5  | 190        | 113        | C C )) 73 |
| 275/60R20        | 115 S         | SUV  | 13.3        | 10.5 | 180        | 120        | C C )) 73 |
| 255/55R18        | 109 T XL      | SUV  | 12.0        | 9.5  | 190        | 106        | C C )) 73 |
| 225/55R19        | 103 T XL      | SUV  | 12.0        | 9.5  | 190        | 111        | C C )) 72 |
| 275/55R20        | 117 H XL      | SUV  | 13.3        | 10.5 | 210        | 120        | C C )) 73 |
| 285/50R20        | 116 T XL      | SUV  | 13.3        | 10.5 | 190        | 117        | C C )) 75 |
| 275/50R21        | 113 T XL      | SUV  | 13.3        | 10.5 | 190        | 120        | C C )) 73 |
| 235/45R18        | 98 T XL       | SUV  | 12.0        | 9.5  | 190        | 102        | C C )) 72 |
| 245/45R20        | 103 H XL      | SUV  | 13.3        | 10.5 | 210        | 111        | C C )) 72 |
| 275/40R20        | 106 T XL      | SUV  | 13.3        | 10.5 | 190        | 108        | C C )) 73 |
| 315/35R20        | 110 T XL      | SUV  | 13.3        | 10.5 | 190        | 108        | C C )) 75 |
| LT225/75R16-10PR | 115/112 Q     | LT   | 13.3        | 10.5 | 160        | 115        | C C )) 73 |
| LT245/75R16-10PR | 120/116 Q     | LT   | 13.3        | 10.5 | 160        | 113        | C C )) 73 |
| LT265/70R17-10PR | 121/118 Q     | LT   | 13.3        | 10.5 | 160        | 115        | C C )) 73 |
| 235/65R16C-8PR   | 115/113 R     | Van  | 13.6        | 10.7 | 170        | 109        | C C )) 73 |
| 235/65R16C-10PR  | 121/119 R     | Van  | 13.6        | 10.7 | 170        | 109        | C C )) 73 |

ZETA



Surpassing international test standards, each pace run-flat tyre ensures a continuous safe driving of over 120 kilometers at a speed of 80 kilometers per hour under zero pressure.



## RUN-FLAT

A true new generation of  
Run-flat tyres



ALVENTI



IMPERO

ALVENTI IMPERO

- The fourth-generation carcass support material makes driving more stable and safer.
- The up-to-date tread rubber formula makes driving more quiet and comfortable than ordinary tyres.
- While improving the handling, it seeks for more overall performance and durability as a run-flat tyre.

ZETA Run-flat Tyre Specifications



| Size            | Loading Index | Speed | Pattern Code | Max. Speed |     | Max. Pressure |        | Max. Load |       |   |
|-----------------|---------------|-------|--------------|------------|-----|---------------|--------|-----------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                 |               |       |              | Km/h       | MPH | S(kpa)        | S(psi) | S(kg)     | S(lb) |                                                                                                                                                                         |
| 205/60ZRF16 RFT | 92            | W     | Alventi      | 270        | 168 | 300           | 44     | 630       | 1389  | D B 71 B                                                                                                                                                                |
| 195/55RF16 RFT  | 87            | V     | Alventi      | 240        | 149 | 300           | 44     | 545       | 1201  | D B 71 B                                                                                                                                                                |
| 205/55ZRF16 RFT | 91            | W     | Alventi      | 270        | 168 | 300           | 44     | 615       | 1356  | D B 71 B                                                                                                                                                                |
| 225/55ZRF16 RFT | 95            | W     | Alventi      | 270        | 168 | 300           | 44     | 690       | 1521  | D B 71 B                                                                                                                                                                |
| 205/55RF17 RFT  | 91            | V     | Alventi      | 240        | 149 | 300           | 44     | 615       | 1356  | D B 71 B                                                                                                                                                                |
| 225/55ZRF17 RFT | 97            | Y     | Alventi      | 300        | 186 | 300           | 44     | 730       | 1609  | D B 71 B                                                                                                                                                                |
| 205/50ZRF17 RFT | 89            | W     | Alventi      | 270        | 168 | 300           | 44     | 580       | 1279  | D B 71 B                                                                                                                                                                |
| 225/50ZRF17 RFT | 94            | W     | Alventi      | 270        | 168 | 300           | 44     | 750       | 1653  | D B 71 B                                                                                                                                                                |
| 205/45ZRF17 RFT | 88 XL         | W     | Alventi      | 270        | 168 | 340           | 49     | 560       | 1235  | D B 72 B                                                                                                                                                                |
| 225/45ZRF17 RFT | 94 XL         | W     | Alventi      | 270        | 168 | 340           | 49     | 670       | 1477  | D B 72 B                                                                                                                                                                |
| 225/45ZRF18 RFT | 91            | Y     | Alventi      | 300        | 186 | 300           | 44     | 615       | 1356  | D B 71 B                                                                                                                                                                |
| 245/45ZRF18 RFT | 96            | Y     | Alventi      | 300        | 186 | 300           | 44     | 810       | 1786  | D B 71 B                                                                                                                                                                |
| 255/45ZRF18 RFT | 103 XL        | Y     | Alventi      | 300        | 186 | 340           | 49     | 875       | 1929  | D B 73 B                                                                                                                                                                |
| 225/45ZRF19 RFT | 92            | W     | Alventi      | 270        | 168 | 340           | 49     | 710       | 1565  | D B 71 B                                                                                                                                                                |
| 235/45RF19 RFT  | 95            | V     | Alventi      | 240        | 149 | 300           | 44     | 690       | 1521  | D B 71 B                                                                                                                                                                |
| 245/45ZRF19 RFT | 102 XL        | Y     | Alventi      | 300        | 186 | 340           | 49     | 850       | 1874  | D B 72 B                                                                                                                                                                |
| 255/45ZFR20 RFT | 105 XL        | W     | Alventi      | 270        | 168 | 340           | 49     | 925       | 2039  | D B 73 B                                                                                                                                                                |
| 215/40ZRF18 RFT | 85            | Y     | Alventi      | 300        | 186 | 300           | 44     | 515       | 1135  | D B 71 B                                                                                                                                                                |
| 225/40ZRF18 RFT | 92 XL         | Y     | Alventi      | 300        | 186 | 340           | 49     | 630       | 1389  | D B 72 B                                                                                                                                                                |
| 235/40ZRF18 RFT | 95 XL         | W     | Alventi      | 270        | 168 | 340           | 49     | 690       | 1521  | D B 72 B                                                                                                                                                                |
| 245/40ZRF18 RFT | 93            | Y     | Alventi      | 300        | 186 | 300           | 44     | 650       | 1433  | D B 71 B                                                                                                                                                                |
| 255/40ZRF18 RFT | 95            | W     | Alventi      | 270        | 168 | 300           | 44     | 690       | 1521  | D B 72 B                                                                                                                                                                |
| 225/40ZRF19 RFT | 93 XL         | Y     | Alventi      | 300        | 186 | 340           | 44     | 650       | 1433  | D B 72 B                                                                                                                                                                |
| 245/40ZRF19 RFT | 98 XL         | Y     | Alventi      | 300        | 186 | 340           | 49     | 750       | 1653  | D B 72 B                                                                                                                                                                |
| 255/40ZRF19 RFT | 100 XL        | Y     | Alventi      | 300        | 186 | 340           | 49     | 800       | 1764  | D B 73 B                                                                                                                                                                |
| 275/40ZRF19 RFT | 101           | Y     | Alventi      | 300        | 186 | 300           | 44     | 825       | 1819  | D B 72 B                                                                                                                                                                |
| 245/40ZRF20 RFT | 99 XL         | Y     | Alventi      | 300        | 186 | 340           | 49     | 775       | 1709  | D B 72 B                                                                                                                                                                |
| 255/35ZRF18 RFT | 90            | Y     | Alventi      | 300        | 186 | 300           | 44     | 600       | 1323  | D B 72 B                                                                                                                                                                |
| 255/35ZRF19 RFT | 96 XL         | Y     | Alventi      | 300        | 186 | 340           | 49     | 710       | 1565  | D B 73 B                                                                                                                                                                |
| 275/35ZRF19 RFT | 100 XL        | Y     | Alventi      | 300        | 186 | 340           | 49     | 800       | 1764  | D B 73 B                                                                                                                                                                |
| 275/35ZRF20 RFT | 102 XL        | Y     | Alventi      | 300        | 186 | 340           | 49     | 850       | 1874  | D B 73 B                                                                                                                                                                |
| 275/35ZRF21 RFT | 103 XL        | W     | Alventi      | 270        | 168 | 340           | 49     | 875       | 1929  | TBA TBA TBA                                                                                                                                                             |
| 225/60RF17      | 99            | V     | Impero       | 240        | 149 | 300           | 44     | 775       | 1709  | TBA TBA TBA                                                                                                                                                             |
| 235/55ZRF18 RFT | 100           | W     | Impero       | 270        | 168 | 300           | 44     | 800       | 1764  | D B 71 B                                                                                                                                                                |
| 255/55RF18 RFT  | 109 XL        | V     | Impero       | 240        | 149 | 340           | 49     | 1030      | 2271  | D B 73 B                                                                                                                                                                |
| 235/55RF19 RFT  | 101           | V     | Impero       | 240        | 149 | 300           | 44     | 825       | 1819  | D B 71 B                                                                                                                                                                |
| 225/50ZRF18 RFT | 95            | W     | Impero       | 270        | 168 | 300           | 44     | 690       | 1521  | D B 71 B                                                                                                                                                                |
| 235/50ZRF18 RFT | 101 XL        | W     | Impero       | 270        | 168 | 340           | 49     | 825       | 1819  | D B 72 B                                                                                                                                                                |
| 245/50ZRF18 RFT | 100           | Y     | Impero       | 300        | 186 | 300           | 44     | 800       | 1764  | D B 71 B                                                                                                                                                                |
| 245/50ZFR19 RFT | 105 XL        | W     | Impero       | 270        | 168 | 340           | 49     | 925       | 2039  | D B 72 B                                                                                                                                                                |
| 255/50ZRF19 RFT | 103           | W     | Impero       | 270        | 168 | 300           | 44     | 875       | 1929  | D B 72 B                                                                                                                                                                |
| 265/50ZRF19     | 110 XL        | Y     | Impero       | 300        | 186 | 340           | 49     | 1060      | 2337  | TBA TBA TBA                                                                                                                                                             |
| 275/50RF20      | 113 XL        | V     | Impero       | 240        | 149 | 340           | 49     | 1150      | 2535  | TBA TBA TBA                                                                                                                                                             |
| 285/45ZRF19 RFT | 107           | W     | Impero       | 270        | 168 | 300           | 44     | 975       | 2149  | D B 74 B                                                                                                                                                                |
| 245/45ZRF20 RFT | 103 XL        | W     | Impero       | 270        | 168 | 340           | 49     | 875       | 1929  | D B 72 B                                                                                                                                                                |
| 275/45ZRF20 RFT | 110 XL        | W     | Impero       | 270        | 168 | 340           | 49     | 1060      | 2337  | D B 73 B                                                                                                                                                                |
| 285/45ZRF21 RFT | 113 XL        | W     | Impero       | 270        | 168 | 340           | 49     | 1150      | 2535  | D B 75 B                                                                                                                                                                |
| 275/40ZRF20 RFT | 106 XL        | W     | Impero       | 270        | 168 | 340           | 49     | 950       | 2094  | D B 73 B                                                                                                                                                                |
| 305/40ZRF20 RFT | 112 XL        | W     | Impero       | 270        | 168 | 340           | 49     | 1120      | 2469  | D B 75 B                                                                                                                                                                |
| 275/40ZRF21 RFT | 107 XL        | W     | Impero       | 270        | 168 | 340           | 49     | 975       | 2149  | D B 73 B                                                                                                                                                                |
| 315/35ZRF20 RFT | 110 XL        | W     | Impero       | 270        | 168 | 340           | 49     | 1060      | 2337  | D B 75 B                                                                                                                                                                |
| 315/35ZRF21 RFT | 111 XL        | W     | Impero       | 270        | 168 | 340           | 49     | 1090      | 2403  | D B 75 B                                                                                                                                                                |