

# Radial 18-inch

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## Race Tyres:

| TYRE SIZE   | RIM CHOICE  | RIM USED | MEASURED AT |     | DIAMETER |     | SECTION |     | TREAD |     | REVOLUTIONS |     |
|-------------|-------------|----------|-------------|-----|----------|-----|---------|-----|-------|-----|-------------|-----|
|             |             |          | psi         | bar | ins      | mm  | ins     | mm  | ins   | mm  | mile        | km  |
| 210/635 R18 | 7.0 – 8.0   | 8.3      | 20          | 1.4 | 25.2     | 640 | 9       | 229 | 8.25  | 210 | 800         | 497 |
| 225/635 R18 | 7.5 – 8.5   | 8.3      | 20          | 1.4 | 25.2     | 640 | 9.25    | 235 | 8.5   | 216 | 800         | 497 |
| 240/635 R18 | 8.5 – 9.5   | 9.0      | 20          | 1.4 | 25.2     | 640 | 9.9     | 251 | 9.25  | 235 | 800         | 497 |
| 255/635 R18 | 9.5 – 10.5  | 10.0     | 20          | 1.4 | 25.2     | 640 | 10.75   | 273 | 9.9   | 251 | 800         | 497 |
| 275/635 R18 | 10.5 – 11.5 | 11.0     | 20          | 1.4 | 25.2     | 640 | 11.6    | 295 | 10.5  | 267 | 800         | 497 |
| 225/640 R18 | 8.0 – 9.0   | 9.0      | 29          | 2   | 25.5     | 648 | 10.1    | 257 | 8.8   | 223 | 790         | 491 |
| 240/640 R18 | 9.0 -11.0   | 10.0     | 29          | 2   | 25.5     | 648 | 10.5    | 267 | 9.6   | 244 | 790         | 491 |
| 250/640 R18 | 10. – 11.0  | 10.0     | 29          | 2   | 25.5     | 648 | 10.9    | 278 | 9.8   | 250 | 790         | 491 |
| 275/645 R18 | 10.0 – 11.0 | 11.0     | 29          | 2   | 25.4     | 646 | 11.6    | 294 | 10.6  | 270 | 793         | 493 |
| 285/645 R18 | 11.0 – 12.0 | 11.0     | 29          | 2   | 25.5     | 647 | 11.7    | 297 | 10.9  | 278 | 792         | 492 |
| 300/645 R18 | 11.0 – 12.0 | 12.0     | 20          | 1.4 | 25.55    | 649 | 12.7    | 323 | 11.5  | 292 | 789         | 490 |
| 320/645 R18 | 11.5 – 13.0 | 13.0     | 20          | 1.4 | 25.55    | 649 | 13.7    | 348 | 12.5  | 318 | 789         | 490 |
| 335/645 R18 | TBC         |          |             |     |          |     |         |     |       |     |             |     |
| 255/660 R18 | 10.0 – 11.0 | 11.0     | 29          | 2   | 26       | 660 | 11      | 279 | 9.8   | 248 | 776         | 482 |
| 270/680 R18 | 10.0 – 12.0 | 11.0     | 20          | 1.4 | 26.9     | 683 | 11.75   | 298 | 10.3  | 262 | 750         | 466 |

|             |             |      |    |     |       |     |       |     |       |     |     |     |
|-------------|-------------|------|----|-----|-------|-----|-------|-----|-------|-----|-----|-----|
| 285/680 R18 | 11.0 – 12.0 | 11.0 | 29 | 2   | 27    | 685 | 11.9  | 302 | 11    | 280 | 748 | 465 |
| 270/690 R18 | 10.5 – 11.5 | 11.0 | 20 | 1.4 | 27.15 | 690 | 11.9  | 302 | 10.5  | 267 | 743 | 462 |
| 320/690 R18 | 12.5 – 13.5 | 13.0 | 20 | 1.4 | 27.15 | 690 | 13.9  | 353 | 12.5  | 318 | 743 | 464 |
| 280/705 R18 | 10.0 – 12.0 | 11.0 | 29 | 2   | 27.8  | 706 | 12    | 304 | 10.6  | 270 | 726 | 451 |
| 300/705 R18 | 11.0 – 13.0 | 13.0 | 29 | 2   | 27.8  | 705 | 13.7  | 348 | 12    | 305 | 727 | 452 |
| 320/705 R18 | 12.5 – 13.5 | 13.0 | 29 | 2   | 27.8  | 706 | 13.9  | 353 | 12.6  | 320 | 726 | 451 |
| 365/720 R18 | 14.5 – 16.0 | 14.5 | 20 | 1.4 | 28.39 | 721 | 15.94 | 405 | 14.37 | 365 | 710 | 441 |

### Motorsport — Avon — Radial 18

Avon Tyres Motorsport produces slick tyres in a variety of different compounds, with each compound aimed at a specific area of motorsport. This gives us the flexibility to provide highly tailored products to individuals needs. Below is a guide on compounds from hard to soft in descending order.

Note – Compound variant is only available in our slick tyre range

Remember – Softer compound does not always equal faster lap times

| Stiffness | Compound | Application  |
|-----------|----------|--|
| Hard      | A70      | Ultra Hard compound for saloon car circuit slick applications.                       |
|           | A29      | Very Hard compound for saloon car circuit slick applications.                        |
|           | A60      | Medium compound for saloon car circuit slick applications.                           |
|           | A30      | Medium compound for classic applications.  |
|           | A37      | Hard compound for sportscar, Soft compound for saloon car applications.              |
|           | A56      | Hard compound for sportscar / single seater circuit slick.                           |
|           | 514      | Medium / Hard compound for single seater and sportscar circuit slick.                |
|           | A24      | Medium compound for single seater, sportscar and sidecar circuit slick applications. |
|           | A11      | Medium compound for single seater, sportscar and sidecar circuit slick applications. |
|           | A53      | Soft compound for single seater and sidecar circuit slick applications.              |

|     |  |
|-----|--|
| A43 | Hard compound for single seater circuit wet. Soft compound for sportscar.                        |
| 379 | Hard GT Hillclimb Compound   |
| A49 | Medium / Soft compound for rallycross, single seater circuit.                                    |
| A50 | Medium GT Hillclimb Compound.  |
| A15 | Very soft compound for hillclimb slick / wet single seater circuit and sidecar wet applications. |
| A92 | Very soft compound for hillclimb slick / wet single seater circuit and sidecar wet applications. |



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