

# MOTORCYCLE PRODUCT GUIDE 2023



ESTABLISHED 1885



**AVON**<sup>®</sup>  
TYRES

Hypersport



**3D Supersport**

Sport Touring



**Spirit ST**

Street



**RoadRider MKII**



**StreetRunner**

Tour/Cruise/Custom



**Cobra Chrome**

Adventure Sport



**TrailRider**



**TrekRider**

Classic



**SpeedMaster MKII**   **MKII**   **MKII (4.00-19)**   **MKII (5.00-16)**   **AM9**  
Safety Mileage

Scooter



**Viper Stryke**

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# History

1911

1960s

1990s

2005

2016

2020



HISTORY

OEM FITMENTS

## OEM Fitments



**Triumph**

Bonneville Bobber

Avon Cobra Chrome

100/90-19 57V Front 150/80 R16 71V Rear

Bonneville Bobber Black

Avon Cobra Chrome

MT90B16 74H Front 150/80 R16 71V Rear



**Triumph**

Rocket 3

Avon Cobra Chrome

150/80R17 72V Front 240/50R16 84V Rear



**Triumph**

Bonneville Speedmaster

Avon Cobra Chrome

MT90B16 AV71 Front 150/80R16 AV72 Rear

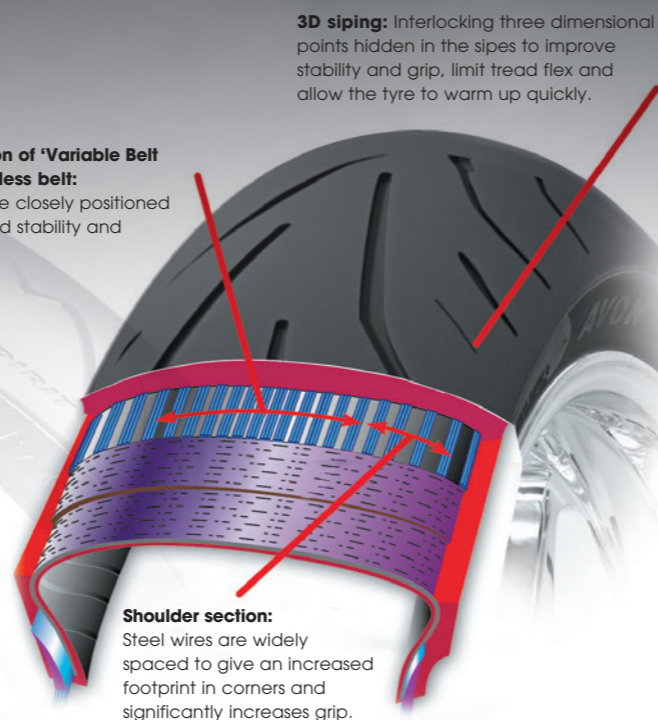
# Technical Details

TECHNICAL DETAILS

TECHNICAL DETAILS

## Advanced technology

**Centre section of 'Variable Belt Density' jointless belt:**  
Steel wires are closely positioned for high-speed stability and even wear.



**3D siping:** Interlocking three dimensional points hidden in the sipes to improve stability and grip, limit tread flex and allow the tyre to warm up quickly.

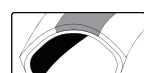
**Shoulder section:**  
Steel wires are widely spaced to give an increased footprint in corners and significantly increases grip.

Encompassed within every Avon motorcycle tyre is some of the world's most advanced tyre technology. It's what helps give Avon tyres their edge. This technology has been painstakingly developed and tested over many years and means that regardless of what type of bike you have and where you ride, you can have absolute faith in your tyres.



### Hybrid Belt

Ultra strong steel wires of different tensions bound together to make a tape component to form a unique belt system. This belt produces exceptional high speed stability while the flexibility and natural spring properties of steel translate into superb mechanical grip. This is our most advanced belt system yet.



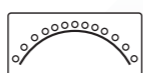
### TE (Tri-compound Extrusion)

Three different rubber compounds are extruded into each tread.

**Compound 1** - A durable medium compound in the centre of the tyre for improved mileage.

**Compound 2** - A soft compound on the edge of the tyre for maximum grip at high lean angles.

**Compound 3** - A very soft low hysteresis compound across the entire base of the tread to improve the bond between the other two compounds and the carcass.



### A-VBD (Advanced-Variable Belt Density)

Mainly for rear tyres, this is a jointless belt of ultra strong steel and/or aramid cables that are wound around the tyre's circumference. At the centre of the tread the cables are very closely spaced for maximum stability and high wear resistance. The strands are progressively spaced out towards the tread edge to produce the characteristics of a multi-compounded tyre i.e. hard compound in the middle and a soft compound on the edge.



### ATAC-TA Tread Profile

(Advanced Tread Arc Combination - Tri Arc)  
ATAC varies the tread profile across the tyre for the ultimate in handling and stability however far over your bike is. Works in tandem with A-VBD.



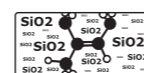
### IFG (Inverted Front Grooves)

For the front tyre, a system pioneered by Avon in the late eighties and only now being adopted by the competition, resists 'stepped-wear' and cupping to deliver smooth handling throughout the tyre's life. By significantly reducing uneven tread wear, a further advantage of the IFG configuration is improved wet braking and shorter stopping distances.



### RF (Reactive Footprint)

Reactive Footprint technology marries Avon's unique ATAC profile, ES and LPE systems (see below) to produce a footprint which changes size and shape depending on the bike's lean angle for the full life of the tyre. The result is a contact patch that grows as the bike leans, giving more grip in corners. It is also enhanced by Avon's unique variable belt density A-VBD.



### SRS-Compound (Super Rich Silica-Compound)

Compounds formulated with large amounts of silica offer enhanced grip in wet and cold conditions. This produces extra grip when the tyre is cold but also reduces excessive heat build up which can affect mileage.



### EAF Pattern (Enhanced Aqua Flow)

Front and rear tread patterns are computer designed for maximum throughput of water within the tyre footprint. This propels water away from the contact patch hence aiding water dispersion and maximising wet grip.



### ES System (Enhanced Stability System)

The carcass, sidewall and tread pattern are designed to work in harmony so that the stresses absorbed by the tyre are distributed evenly. This reduces localised flexing within the tyre's structure. The result is an increase in grip and stability while at the same time reduces tread wear.



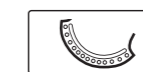
### LPE (Lifetime Profile Engineering)

This works in conjunction with ATAC to produce a tyre profile and footprint which, even when worn, gives consistent handling and stability for the full life of the tyre.



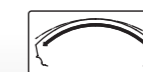
### FFG (Force Following Grooves)

Grooves that work in tandem with the forces being transmitted through the tyre at various lean angles for increased wear resistance, optimum water dispersal, reduced tyre noise and improved mileage.



### SBC System

'Spiral and Belted Carcass'. A high level of grip puts high loads through the tyre's carcass; the SBC System features ultra-tough belts underneath the 0 degree belt of A-VBD to cope with the extreme stresses.



### WCTA (Wide Custom Tread Arc)

A profile for improved manoeuvrability at all speeds.



**3D siping:** Interlocking three dimensional points hidden in the sipes to improve stability and grip, limit tread flex and allow the tyre to warm up quickly.

	Hybrid Belt	TE	A-VBD	ATAC-TA	IFG	RF	SRS	EAF Pattern	ES System	LPE	FFG	WCTA	SBC System	3D Sipes
Spirit ST Front				X	X		X	X	X		X			X
Spirit ST Rear	X	X	X	X		X	X	X	X	X	X		X	X
RoadRider MKII Front				X	X			X			X			
RoadRider MKII Rear				X				X			X			
RoadRider MKII Universal				X				X			X			
StreetRunner Front					X									
StreetRunner Rear														
StreetRunner Universal														
Cobra Chrome Front (Crossply)				X	X			X	X	X	X	X		
Cobra Chrome Front (Radial)				X	X			X	X	X	X	X		
Cobra Chrome Rear (Crossply)				X		X		X	X	X	X	X		
Cobra Chrome Rear (Radial)	X		X	X		X		X	X	X	X	X		
Cobra Chrome Universal				X				X	X		X			
Cobra Chrome Trike				X	X			X	X		X			
TrailRider Front (Crossply)				X	X		X	X	X		X			
TrailRider Front (Radial)				X	X		X	X	X		X			X
TrailRider Rear (Crossply)				X			X	X	X	X	X			
TrailRider Rear (Radial)	X	X	X	X		X	X	X	X	X	X			X
TrekRider Front				X	X			X	X		X			
TrekRider Rear				X				X	X	X	X			
Safety Mileage MKII AM7														
SpeedMaster MKII AM6														
AM9 Universal														
Viper Stryke Front														
Viper Stryke Rear														
Viper Stryke Universal														

# Hypersport

# Sport Touring

## 3D Supersport

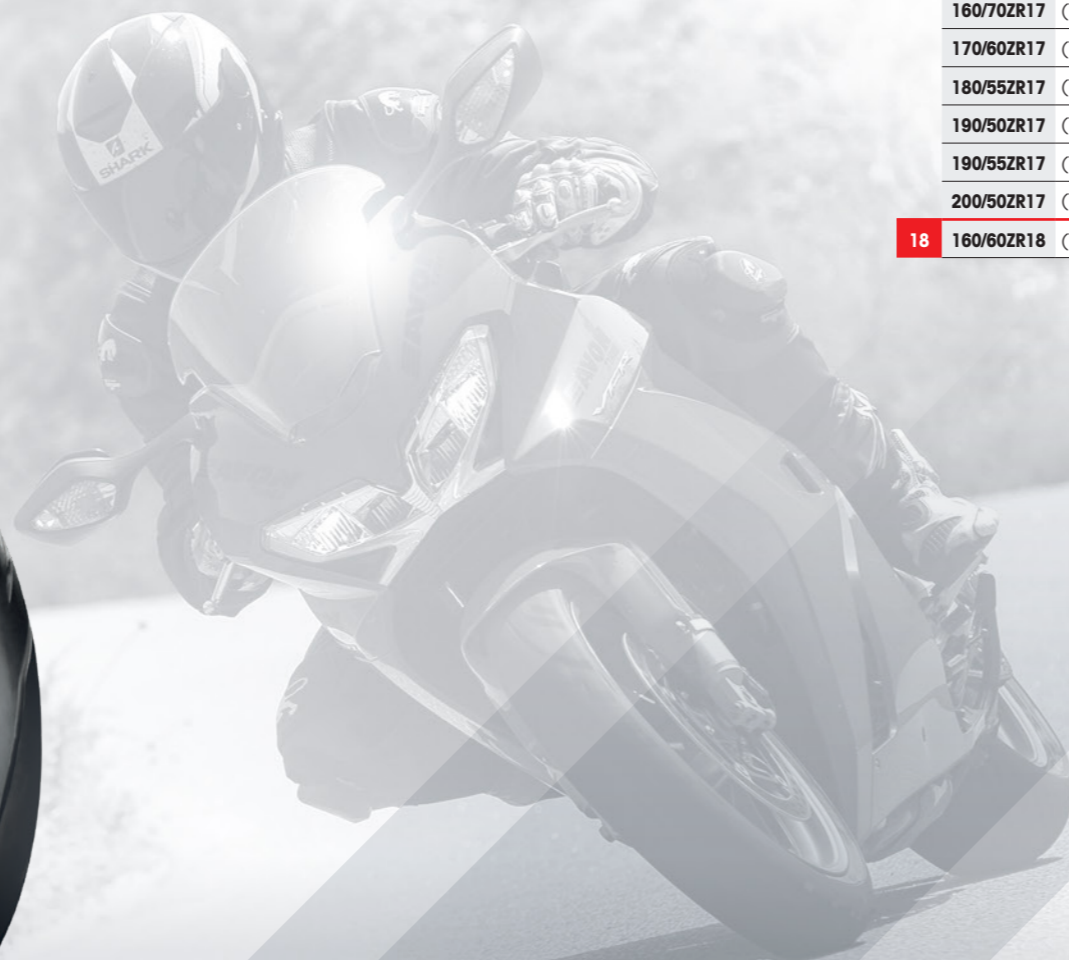
- Advanced pattern design enhances road contact, generating extensive grip
- Track developed construction for optimised handling, stability and feedback for the rider
- State of the art silica dual compound technology for maximised grip and longevity

Tyre Size	Service Index	Rec Rim	Rim min-max	Overall Width mm/inches	Overall Diameter mm/inches	Depth mm	Revs per km/mile	Part Number
<b>3D Supersport Front</b>								
17 120/70ZR17	(58W)	MT3.50	3.50 - 3.75	119 / 4.7	600 / 23.6	3.8	552 / 883	638256
<b>3D Supersport Rear</b>								
17 160/60ZR17	(69W)	MT4.50	4.25 - 5.00	162 / 6.4	628 / 24.7	5.2	527 / 844	638259
180/55ZR17	(73W)	MT5.50	5.50 - 6.00	179 / 7.0	637 / 25.1	5.2	520 / 832	638261
180/60ZR17	(75W)	MT5.00	5.00 - 5.50	190 / 7.5	648 / 25.5	4.5	511 / 818	638265
190/55ZR17	(75W)	MT6.00	5.50 - 6.00	191 / 7.5	650 / 25.6	4.5	509 / 815	638262
200/55ZR17	(78W)	MT6.25	6.00 - 6.50	196 / 7.7	654 / 25.7	8.0	506 / 810	638264

Tyre Size	Service Index	Rec Rim	Rim min-max	Overall Width mm/inches	Overall Diameter mm/inches	Depth mm	Revs per km/mile	Part Number
<b>Spirit ST Front</b>								
17 110/70ZR17	(54W)	MT3.00	3.00 - 3.50	108 / 4.3	593 / 23.3	4.0	558 / 888	638361
120/60ZR17	(55W)	MT3.50	3.50 - 3.75	117 / 4.6	580 / 22.8	4.0	571 / 913	638369
120/70ZR17	(58W)	MT3.50	3.50 - 3.75	118 / 4.6	605 / 23.8	4.0	546 / 874	638370
18 100/90ZR18	(56W)	MT2.50	2.50 - 2.75	107 / 4.2	636 / 25.0	4.0	521 / 833	638374
110/80ZR18	(58W)	MT2.50	2.50 - 3.00	109 / 4.3	633 / 24.9	4.0	523 / 837	638375
120/70ZR18	(59W)	MT3.50	3.50 - 3.75	119 / 4.7	625 / 24.6	4.0	527 / 843	638371
19 110/80R19	59W	MT2.50	2.50 - 3.00	109 / 4.3	664 / 26.1	4.0	499 / 798	638362
120/70ZR19	(60W)	MT3.50	3.00 - 3.75	118 / 4.6	652 / 25.7	4.0	508 / 813	638372
<b>Spirit ST Rear</b>								
16 150/80ZR16	(71W)	MT3.50	3.50 - 4.25	152 / 6.0	646 / 25.4	8.0	513 / 820	638373
17 150/70ZR17	(69W)	MT4.25	4.00 - 4.50	153 / 6.0	643 / 25.3	8.0	515 / 824	638357
160/60ZR17	(69W)	MT4.50	4.25 - 5.00	164 / 6.5	629 / 24.8	8.0	526 / 842	638359
160/70ZR17	(73W)	MT4.50	4.25 - 5.00	166 / 6.5	656 / 25.8	8.0	505 / 808	638359
170/60ZR17	(72W)	MT4.50	4.50 - 5.50	170 / 6.7	635 / 25.0	8.0	521 / 834	638363
180/55ZR17	(73W)	MT5.50	5.50 - 6.00	188 / 7.4	629 / 24.8	8.0	524 / 838	638364
190/50ZR17	(73W)	MT6.00	5.50 - 6.00	195 / 7.7	626 / 24.6	8.0	529 / 846	638365
190/55ZR17	(75W)	MT6.00	5.50 - 6.00	190 / 7.5	651 / 25.6	8.0	509 / 814	638366
200/50ZR17	(75W)	MT6.25	6.00 - 6.50	203 / 8.0	630 / 24.8	8.0	524 / 838	638367
18 160/60ZR18	(70W)	MT4.50	4.25 - 5.00	168 / 6.6	649 / 25.6	8.0	510 / 816	638358

## Spirit ST

- Ultra-high performance sport touring tyre
- Highly loaded silica compound combined with state of the art polymer technology for excellent wet and dry traction and handling
- Interlocking three dimensional points hidden in the sipes to improve stability and grip, limit tread flex and allow the tyre to warm up quickly (3D Sipes)
- Avon's latest technology construction design gives ultra high performance handling and stability characteristics
- Multi-compound rear tyres for all round tyre performance (TE)



## RoadRider MKII

- Timeless appearance with cutting-edge performance and aesthetics that suit bikes of all ages
- New tyre construction enhances handling and stability in both wet and dry conditions
- Enhanced sidewall design reduces the effects of ozone degradation

\*Equivalent sizes (see table below)

100/80-17	52H	3.25-17
130/90-17	68V	5.10-17
90/90-18	51V	3.00-18
100/90-18	56V	3.50-18
100/90-18	56H	3.50-18
90/90-19	52V	3.00-19
100/90-19	57V	3.50-19
90/90-21	54V	3.00-21



	Tyre Size	Service Index	Rec Rim	Rim min-max	Overall Width mm/inches	Overall Diameter mm/inches	Depth mm	Revs per km/mile	Part Number
<b>RoadRider MKII Front</b>									
17	100/80-17*	52H	MT2.50	2.15 - 2.75	101 / 4.0	595 / 23.4	5.0	557 / 890	638323
	110/80V17	(57V)	MT2.50	2.15 - 3.00	112 / 4.4	614 / 24.2	5.0	539 / 863	638320
	110/80-17	57H	MT2.50	2.15 - 3.00	112 / 4.4	614 / 24.2	5.0	539 / 863	638324
	120/70V17	(58V)	MT3.50	2.75 - 3.75	120 / 4.7	607 / 23.9	5.0	546 / 873	638321
19	90/90-19*	52V	MT2.15	1.85 - 2.50	99 / 3.9	647 / 25.5	5.0	512 / 819	638317
21	90/90-21*	54V	MT2.15	1.85 - 2.50	98 / 3.9	698 / 27.5	5.0	474 / 759	638318
<b>RoadRider MKII Rear</b>									
15	160/80V15	(74V)	MT3.75	3.00 - 4.50	162 / 6.4	637 / 25.1	7.5	520 / 832	638312
16	130/90V16	(73V)	3.00D	2.50 - 3.50	137 / 5.4	646 / 25.4	7.5	513 / 820	638343
	150/80V16	(71V)	MT3.50	3.00 - 4.25	161 / 6.3	655 / 25.8	7.5	506 / 809	638311
17	130/80-17	65V	MT3.00	2.50 - 3.50	136 / 5.4	645 / 25.4	7.5	513 / 821	638304
	130/80-17	65H	MT3.00	2.50 - 3.50	136 / 5.4	645 / 25.4	7.5	513 / 821	638336
	130/90-17*	68V	MT3.00	2.50 - 3.50	140 / 5.5	671 / 26.4	7.5	493 / 790	638306
	140/70-17	66V	MT3.75	3.50 - 4.50	140 / 5.5	641 / 25.2	7.5	517 / 827	638307
	140/70-17	66H	MT3.75	3.50 - 4.50	140 / 5.5	641 / 25.2	7.5	517 / 827	638337
	150/70V17	(69V)	MT4.25	3.50 - 4.50	156 / 6.1	656 / 25.8	7.5	505 / 808	638309
18	4.00-18	64V	MT2.50	2.15 - 3.00	116 / 4.6	671 / 26.4	7.5	493 / 790	638302
	130/70V18	(63V)	MT3.50	3.00 - 4.00	133 / 5.2	649 / 25.6	7.5	510 / 816	638303
	130/70-18	63H	MT3.50	3.00 - 4.00	133 / 5.2	649 / 25.6	7.5	510 / 816	638333
	130/80V18	(66V)	MT3.00	2.50 - 3.50	137 / 5.4	672 / 26.5	7.5	493 / 788	638305
	140/70V18	(67V)	MT3.75	3.50 - 4.50	142 / 5.6	666 / 26.2	7.5	497 / 795	638308
	150/70V18	(70V)	MT4.25	3.50 - 4.50	154 / 6.1	679 / 26.7	7.5	488 / 780	638310
<b>RoadRider MKII Universal</b>									
16	120/80V16	(60V)	MT2.75	2.50 - 3.00	126 / 5.0	601 / 23.7	5.6	551 / 882	638328
17	110/70V17	(54V)	MT3.00	2.50 - 3.50	108 / 4.3	593 / 23.3	5.0	558 / 893	638322
	110/70-17	54H	MT3.00	2.50 - 3.50	108 / 4.3	593 / 23.3	5.0	558 / 893	638330
	120/80-17	61V	MT2.75	2.50 - 3.00	120 / 4.7	629 / 24.8	7.5	526 / 842	638329
	120/90-17	64V	MT2.75	2.50 - 3.00	128 / 5.0	649 / 25.6	7.5	510 / 816	638331
	130/70-17	62H	MT3.50	3.00 - 4.00	130 / 5.1	625 / 24.6	7.5	530 / 848	638332
	140/80V17	(69V)	MT3.50	2.75 - 3.75	143 / 5.6	665 / 26.2	7.5	498 / 797	638335
18	90/90-18*	51V	MT2.15	1.85 - 2.50	97 / 3.8	619 / 24.4	5.0	535 / 856	638315
	100/90-18*	56V	MT2.50	2.15 - 2.75	108 / 4.3	642 / 25.3	5.6	516 / 825	638316
	100/90-18*	56H	MT2.50	2.15 - 2.75	108 / 4.3	642 / 25.3	5.6	516 / 825	638327
	110/80V18	(58V)	MT2.50	2.15 - 3.00	111 / 4.4	640 / 25.2	5.6	517 / 828	638325
	110/90V18	(61V)	MT2.50	2.15 - 3.00	116 / 4.6	663 / 26.1	5.6	499 / 799	638326
	120/80-18	62V	MT2.75	2.50 - 3.00	120 / 4.7	652 / 25.7	7.5	508 / 813	638344
	120/90-18	65V	MT2.75	2.50 - 3.00	127 / 5.0	675 / 26.6	7.5	491 / 785	638334
19	3.25-19	54V	MT2.15	1.85 - 2.50	98 / 3.9	664 / 26.1	5.0	499 / 798	638314
	100/90-19*	57V	MT2.50	2.15 - 2.75	109 / 4.3	671 / 26.4	5.6	493 / 790	638319

	Tyre Size	Service Index	Rec Rim	Rim min-max	Overall Width mm/inches	Overall Diameter mm/inches	Depth mm	Revs per km/mile	Part Number
<b>StreetRunner Front</b>									
17	80/100-17	53S	MT1.85	1.60 - 2.15	78 / 3.1	590 / 23.2	4.0	561 / 898	638129
18	2.75-18	48S	MT1.85	1.40 - 1.85	77 / 3.0	614 / 24.2	4.0	539 / 863	638128
<b>StreetRunner Rear</b>									
17	100/90-17	55S	MT2.50	2.15 - 2.75	100 / 3.9	610 / 24.0	5.0	543 / 869	638131
	130/70-17	62S	MT3.50	3.00 - 4.00	128 / 5.0	612 / 24.1	5.0	541 / 866	638130
<b>StreetRunner Universal</b>									
17	2.50-17	43S	MT1.50	1.35 - 1.60	67 / 2.6	568 / 22.4	5.0	583 / 933	638124
	2.75-17	47S	MT1.85	1.40 - 1.85	76 / 3.0	584 / 23.0	5.0	567 / 907	638125
	100/80-17	52S	MT2.50	2.15 - 2.75	99 / 3.9	590 / 23.2	5.0	561 / 898	638126
18	3.00-18	47S	MT1.85	1.60 - 2.15	82 / 3.2	625 / 24.6	5.0	530 / 848	638127
	90/90-18	51S	MT2.15	1.85 - 2.50	89 / 3.5	620 / 24.4	5.0	534 / 855	638123

## StreetRunner

- Specially designed for smaller capacity commuter bikes
- Superb tyre life and all weather grip
- Impressive handling characteristics
- Latest technology in pattern design



# Cruiser/Touring/Custom

## Cobra Chrome

- Unique tyre design with detailed aesthetic features
- Excellent wet braking and stability
- High stability in all conditions delivering precise feel and tyre feedback
- Improved tyre life over its predecessor
- Aimed at the power cruiser/touring/custom market
- Incorporates sports tyre technology for nimble handling
- Incredible stability and longevity – perfect for touring
- Extra wide sizes for custom bikes
- Available in white sidewall for the ultimate statement of individuality



Tyre Size	Service Index	Rec Rim	Rim min-max	Overall Width mm/inches	Overall Diameter mm/inches	Depth mm	Revs per km/mile	Whitewall Width mm	Part Number
<b>Cobra Chrome Front</b>									
16	MT90B16	74H	3.00D	2.50 - 3.50	132 / 5.2	638 / 25.1	5.2	523 / 837	638169
	MT90B16	74H	3.00D	2.50 - 3.50	132 / 5.2	638 / 25.1	5.2	523 / 837	35 638170
	130/90B16	73H	3.00D	2.50 - 3.50	136 / 5.4	638 / 25.1	5.2	523 / 837	638195
	150/80-16	71H	MT3.50	3.00 - 4.25	157 / 6.2	637 / 25.1	5.2	525 / 840	638182
	150/80R16	71V	MT3.50	3.50 - 4.25	149 / 5.9	645 / 25.4	4.7	517 / 827	638236
	150/80R16	71V	MT3.50	3.50 - 4.25	149 / 5.9	645 / 25.4	4.7	517 / 827	40 638237
17	130/80B17	65H	MT3.00	2.50 - 3.50	130 / 5.1	638 / 25.1	4.8	520 / 832	638177
	140/75R17	67V	MT3.50	3.50 - 4.25	141 / 5.6	644 / 25.4	4.8	518 / 829	638235
	150/80R17	72V	MT3.50	3.50 - 4.25	150 / 5.9	672 / 26.5	4.7	496 / 794	638238
18	130/70R18	63H	MT3.50	3.50 - 4.00	128 / 5.0	647 / 25.5	4.7	517 / 827	638233
	130/70VR18	(63V)	MT3.50	3.50 - 4.00	128 / 5.0	647 / 25.5	4.7	517 / 827	638234
	130/70B18	69H	MT3.50	3.00 - 4.00	130 / 5.1	647 / 25.5	4.7	513 / 821	638181
19	100/90-19	57V	MT2.50	2.15 - 2.75	109 / 4.3	662 / 26.1	5.2	500 / 800	638173
	100/90-19	57V	MT2.50	2.15 - 2.75	110 / 4.3	662 / 26.1	5.2	500 / 800	20 638175
	110/90-19	62H	MT2.50	2.15 - 3.00	119 / 4.7	682 / 26.9	5.2	487 / 779	638186
	120/70ZR19	(60W)	MT3.50	3.00 - 3.75	123 / 4.8	649 / 25.6	4.7	523 / 837	638232
	130/60B19	61V	MT3.50	3.00 - 4.00	124 / 4.9	644 / 25.4	4.8	514 / 823	638176
21	MH90-21	56V	MT1.85	1.60 - 2.15	83 / 3.3	688 / 27.1	5.2	479 / 766	638167
	MH90-21	56V	MT1.85	1.60 - 2.15	83 / 3.3	688 / 27.1	5.2	479 / 766	15 638168
	80/90-21	54V	MT1.85	1.60 - 2.15	83 / 3.3	688 / 27.1	5.2	479 / 766	638194
	90/90-21	54H	MT2.15	1.85 - 2.50	94 / 3.7	701 / 27.6	5.2	468 / 749	638183
	120/70-21	68V	MT3.50	2.75 - 3.75	120 / 4.7	709 / 27.9	4.8	467 / 747	638178
	120/70-21	68V	MT3.50	2.75 - 3.75	120 / 4.7	709 / 27.9	4.8	467 / 747	17 638157
	130/60B21	63V	MT3.50	3.00 - 4.00	124 / 4.9	695 / 27.4	4.8	476 / 762	638180

■ White Wall

Tyre Size	Service Index	Rec Rim	Rim min-max	Overall Width mm/inches	Overall Diameter mm/inches	Depth mm	Revs per km/mile	Whitewall Width mm	Part Number
<b>Cobra Chrome Rear</b>									
15	140/90-15	76H	MT3.50	2.75 - 3.75	149 / 5.9	633 / 24.9	8.7	530 / 848	638184
	150/90B15	80H	MT3.50	3.00 - 4.25	162 / 6.4	654 / 25.7	8.7	506 / 810	638190
	150/90VB15*	(74V)	MT3.50	3.00 - 4.25	162 / 6.4	654 / 25.7	8.7	506 / 810	638189
	170/80B15	83H	MT4.00	3.00 - 4.50	170 / 6.7	653 / 25.7	8.7	507 / 811	638161
	170/80B15	83H	MT4.00	3.00 - 4.50	170 / 6.7	653 / 25.7	8.7	507 / 811	52 638152
	180/70B15	76H	MT5.00	4.25 - 5.50	180 / 7.1	626 / 24.6	8.7	529 / 846	638163
	200/70B15	82H	MT5.50	4.75 - 6.25	200 / 7.9	661 / 26.0	7.7	501 / 802	638155
	230/60B15	86H	MT6.25	5.50 - 7.00	229 / 9.0	668 / 26.3	8.7	496 / 793	638153
16	MT90B16	74H	3.00D	2.50 - 3.50	133 / 5.2	638 / 25.1	8.7	522 / 835	638162
	MT90B16	74H	3.00D	2.50 - 3.50	133 / 5.2	638 / 25.1	8.7	522 / 835	40 638164
	130/90B16	73H	3.00D	2.50 - 3.50	133 / 5.2	638 / 25.1	8.7	522 / 835	638196
	140/70B18	73H	MT3.75	3.50 - 4.50	140 / 5.5	661 / 26.0	8.7	501 / 802	638185
	MU85B16	77H	MT3.50	2.75 - 3.75	143 / 5.6	649 / 25.6	8.7	518 / 829	638197
	MU85B16	77H	MT3.50	2.75 - 3.75	143 / 5.6	649 / 25.6	8.7	518 / 829	40 638198
	140/90B16	77H	MT3.50	2.75 - 3.75	143 / 5.6	649 / 25.6	8.7	518 / 829	638166
	140/90B16	77H	MT3.50	2.75 - 3.75	143 / 5.6	649 / 25.6	8.7	518 / 829	40 638165
	150/80B16	77V	MT3.50	3.00 - 4.25	157 / 6.2	640 / 25.2	7.2	518 / 829	638179
	150/80B16	77V	MT3.50	3.00 - 4.25	157 / 6.2	640 / 25.2	7.2	518 / 829	42 638172
	150/80R16	71V	MT3.50	3.50 - 4.25	152 / 6.0	646 / 25.4	8.0	513 / 820	638211
	150/80R16	71V	MT3.50	3.50 - 4.25	154 / 6.1	645 / 25.4	8	513 / 820	40 638212
	160/80B16	81H	MT3.75	3.00 - 4.50	167 / 6.6	665 / 26.2	8.7	505 / 808	638160
	170/70R16	75H	MT4.50	4.50 - 5.50	170 / 6.7	645 / 25.4	8.2	519 / 830	638213
	180/60R16	80H	MT5.00	5.00 - 5.50	182 / 7.2	630 / 24.8	8.4	522 / 835	638215
	180/65B16	81H	MT5.00	4.25 - 5.50	185 / 7.3	635 / 25.0	8.3	521 / 834	638156
	180/65B16	81H	MT5.00	4.25 - 5.50	185 / 7.3	635 / 25.0	8.3	521 / 834	35 638159
	180/70R16	77V	MT5.00	5.00 - 5.50	182 / 7.2	656 / 25.8	8.5	505 / 808	638216
	180/70R16	77V	MT5.00	5.00 - 5.50	182 / 7.2	656 / 25.8	8.5	505 / 808	40 638217
	200/60VR16	(79V)	MT5.50	5.50 - 6.25	200 / 7.9	646 / 25.4	7.0	513 / 820	638222
	240/50R16	84V	MT7.50	7.00 - 8.00	237 / 9.3	649 / 25.6	7.2	509 / 814	638224
17	160/70B17	79V	MT4.50	3.75 - 5.00	156 / 6.1	662 / 26.1	8.7	500 / 800	638158
	180/60B17	75V	MT5.00	4.25 - 5.50	175 / 6.9	655 / 25.8	8.7	506 / 809	638158
	190/60VR17	(78V)	MT5.00	5.00 - 6.00	188 / 7.4	660 / 26.0	6.8	502 / 803	638158
	200/50R17	75H	MT6.25	6.00 - 6.50	199 / 7.8	631 / 24.8	8	525 / 840	638219
	200/55VR17	(78V)	MT6.25	6.00 - 6.50	198 / 7.8	658 / 25.9	6.8	513 / 821	638220
	330/30R17	87V	MT11.50	11.00 - 12.50	328 / 12.9	631 / 24.8	6.5	525 / 840	638229
18	150/70B18	76V	MT4.25	3.50 - 4.50	151 / 5.9	667 / 26.3	5.8	496 / 794	25 638171
	150/70VB18	(76V)	MT4.25	3.50 - 4.50	151 / 5.9	667 / 26.3	5.8	496 / 794	638174
	180/55B18	80H	MT5.50	5.50 - 6.00	178 / 7.0	655 / 25.8	8.7	506 / 809	638193
	180/55ZR18	(74W)	MT5.50	5.50 - 6.00	184 / 7.2	655 / 25.8	6.6	514 / 822	638214
	200/55VR18	(79V)	MT6.25	6.00 - 6.50	198 / 7.8	679 / 26.7	6.8	488 / 780	638221
	240/40VR18	(79V)	MT8.50	8.00 - 9.00	238 / 9.4	648 / 25.5	9.2	509 / 814	638223
	250/40VR18	(81V)	MT9.00	8.50 - 9.50	251 / 9.9	655 / 25.8	6.7	514 / 822	638225
	260/40VR18	(84V)	MT9.00	8.50 - 9.50	260 / 10.2	665 / 26.2	6.7	498 / 797	638227
	280/35VR18	(84V)	MT10.00	9.50 - 10.50	282 / 11.1	653 / 25.7	6.5	507 / 811	638228
	300/35VR18	(87V)	MT10.5	10.00 - 11.00	300 / 11.8	664 / 26.1	6.5	499 / 798	638210
23	200/30R23	74V	MT7.00	6.50 - 7.50	199 / 7.8	709 / 27.9	5.4	467 / 747	638226
<b>Cobra Chrome Universal</b>									
23	130/60VR23	(65V)	MT3.50	3.50 - 4.00	124 / 4.9	744 / 29.3	4.8	442 / 707	638230
<b>Cobra Chrome Trike</b>									
16	MT90B16	74H	3.00D	2.50 - 3.50	133 / 5.2	638 / 25.1	8.7	522 / 835	638154
18	130/70R18	63V	MT3.50	3.50 - 4.00	128 / 5.0	647 / 25.5	4.7	517 / 827	638231

■ White Wall



# Adventure Sport

## TrailRider

- New Super Rich Silica Compound using the very latest compounding technology to enhance wet grip
- Multi-compound treads on radial rears to enhance mileage and grip
- Interlocking three dimensional points hidden in the sipes to improve stability and grip, limit tread flex and allow the tyre to warm up quickly – 3D SIPES (radial tyres)
- High tech carcass construction and next generation compounds deliver superb grip and handling
- 85% on-road, 15% off-road
- M+S marked

	Tyre Size	Service Index	Rec Rim	Rim min-max	Overall Width mm/inches	Overall Diameter mm/inches	Depth mm	Revs per km/mile	Part Number
<b>TrailRider Front</b>									
17	120/70ZR17	(58W)	MT3.50	3.50 - 3.75	122 / 4.8	600 / 23.6	5.2	553 / 885	638402
18	110/80R18	58V	MT2.50	2.50 - 3.00	110 / 4.3	636 / 25.0	5.2	521 / 833	638415
19	100/90-19	57V	MT2.50	2.15 - 2.75	104 / 4.1	666 / 26.2	5.2	497 / 795	638392
	110/80R19	59V	MT2.50	2.50 - 3.00	109 / 4.3	662 / 26.1	5.2	499 / 798	638406
	120/70ZR19	(60W)	MT3.50	3.00 - 3.75	121 / 4.8	653 / 25.7	5.2	507 / 811	638407
21	80/90-21	48S	MT1.85	1.60 - 2.15	84 / 3.3	693 / 27.3	5.6	476 / 762	638378
	90/90-21*	54V	MT2.15	1.85 - 2.50	92 / 3.6	706 / 27.8	5.2	468 / 749	638381
<b>TrailRider Rear</b>									
17	120/90-17	64S	MT2.75	2.50 - 3.00	123 / 4.8	645 / 25.4	10.5	512 / 819	638382
	130/80-17	65S	MT3.00	2.50 - 3.50	138 / 5.4	654 / 25.7	10.5	512 / 819	638398
	130/80R17	65H	MT3.00	3.00 - 3.50	133 / 5.2	643 / 25.3	8.0	517 / 827	638400
	140/80R17	69V	MT3.50	3.50 - 3.75	144 / 5.7	652 / 25.7	8.0	510 / 816	638401
	150/60R17	66H	MT4.25	4.00 - 4.50	150 / 5.9	613 / 24.1	8.0	539 / 862	638403
	150/70R17	69V	MT4.25	4.00 - 4.50	153 / 6.0	640 / 25.2	8.0	520 / 832	638404
	160/60ZR17	(69W)	MT4.50	4.25 - 5.00	164 / 6.5	623 / 24.5	8.0	532 / 851	638405
	170/60ZR17	(72W)	MT4.50	4.50 - 5.50	170 / 6.7	635 / 25.0	8.0	521 / 834	638408
	180/55ZR17	(73W)	MT5.50	5.50 - 6.00	188 / 7.4	629 / 24.8	8.0	524 / 838	638399
18	110/80-18	58S	MT2.50	2.15 - 3.00	115 / 4.5	643 / 25.3	10.5	517 / 827	638379
	120/80-18	62S	MT2.75	2.50 - 3.00	121 / 4.8	662 / 26.1	10.5	497 / 795	638380
	140/80-18	70S	MT3.50	2.75 - 3.75	146 / 5.7	686 / 27.0	8.0	483 / 772	638377
	150/70R18	70V	MT4.25	4.00 - 4.50	152 / 6.0	667 / 26.3	8.0	496 / 794	638409

\*90/90 21 replaces 3.00-21



## TrekRider

- 50% on-road, 50% off road
- Smooth and quiet ride
- Bevelled edges to resist tearing
- Sloped grooves to resist movement
- M+S marked

	Tyre Size	Service Index	Rec Rim	Rim min-max	Overall Width mm/inches	Overall Diameter mm/inches	Depth mm	Revs per km/mile	Part Number
<b>TrekRider Front</b>									
19	110/80-19	59V	MT2.50	2.15 - 3.00	113 / 4.4	668 / 26.3	6.0	496 / 793	638388
	120/70-19	60V	MT3.50	3.00 - 3.75	121 / 4.8	653 / 25.7	5.2	507 / 811	638396
21	90/90-21	54V	MT2.15	1.85 - 2.50	92 / 3.6	701 / 27.6	6.0	472 / 756	638393
<b>TrekRider Rear</b>									
17	130/80-17	65T	MT3.00	2.50 - 3.50	138 / 5.4	654 / 25.7	10.5	512 / 819	638383
	140/80-17	69T	MT3.50	2.75 - 3.75	146 / 5.7	659 / 25.9	10.0	502 / 804	638384
	150/70-17	69V	MT4.25	3.50 - 4.50	155 / 6.1	649 / 25.6	10.0	510 / 816	638386
	170/60-17	72V	MT4.50	4.00 - 5.50	167 / 6.6	643 / 25.3	8.5	521 / 834	638397
18	140/80-18	70T	MT3.50	2.75 - 3.75	147 / 5.8	687 / 27.0	10.0	482 / 771	638385
	150/70-18	70V	MT4.25	3.50 - 4.50	152 / 6.0	684 / 26.9	10.0	484 / 775	638395





## SpeedMaster MKII

- Classic ribbed front tyre
- Curved tread profile and ribbed pattern so typical of classic bikes
- Best used in conjunction with the Safety Mileage MKII rear tyre

	Tyre Size	Service Index	Rec Rim	Rim min-max	Overall Width mm/inches	Overall Diameter mm/inches	Depth mm	Revs per km/mile	Part Number
<b>SpeedMaster AM6</b>									
17	3.25-17 TT	50S	2.15	1.85 - 2.50	89 / 3.5	616 / 24.3	3.5	538 / 860	638134
19	3.00-19 TT	54S	1.85	1.60 - 2.15	78 / 3.1	641 / 25.2	3.5	517 / 827	638141
	3.25-19 TT	54S	2.15	1.85 - 2.50	86 / 3.4	658 / 25.9	4.0	497 / 795	638135
	3.50-19 TT	57S	2.15	1.85 - 2.50	92 / 3.6	682 / 26.9	3.6	482 / 771	638136
20	3.00-20 TT*	50S	1.85	1.60 - 2.15	75 / 3.0	665 / 26.2	3.5	498 / 797	638137
21	3.00-21* TT	57S	1.85	1.60 - 2.15	76 / 3.0	691 / 27.2	3.6	481 / 770	638138

\*Special production only | TT = Tube Type

## Safety Mileage MKII

- Classic block pattern rear tyre
- Available in a variety of different tread patterns designed to suit older bikes
- Modern rubber compounds deliver enhanced durability and performance
- Best used in conjunction with the SpeedMaster MKII front tyre

	Tyre Size	Service Index	Rec Rim	Rim min-max	Overall Width mm/inches	Overall Diameter mm/inches	Depth mm	Revs per km/mile	Part Number
<b>Safety Mileage MKII AM7 - A</b>									
17	3.25-17 TT	50S	2.15	1.85-2.50	89 / 3.5	616 / 24.3	3.5	538 / 860	638132
18	4.00-18 TT	64S	2.50	2.15 - 3.00	111 / 4.4	677 / 26.7	8.1	488 / 781	638133
19	3.50-19 TT	57S	2.15	1.85 - 2.50	93 / 3.7	682 / 26.9	8.1	482 / 771	638142
<b>Safety Mileage MKII AM7 - B</b>									
19	4.00-19 TT	65H	2.50	2.15 - 3.00	110 / 4.3	702 / 27.6	9.2	471 / 754	638187
<b>Safety Mileage MKII AM7 - C</b>									
16	5.00-16 TT	69S	3.00	3.00 - 3.50	131 / 5.2	669 / 26.3	8.1	499 / 798	638139

TT = Tube Type



	Tyre Size	Service Index	Rec Rim	Rim min-max	Overall Width mm/inches	Overall Diameter mm/inches	Depth mm	Revs per km/mile	Part Number
<b>AM9 Universal</b>									
19	4.10-19 TT	61H	2.50	1.85 - 3.00	102 / 4.0	667 / 26.3	7.0	507 / 811	638338

TT = Tube Type

## AM9

- A great value all-rounder
- Can be fitted either to the front or rear of your bike



# Scooter

# Inner Tubes

## Viper Stryke

- Specially designed for modern scooters
- Exceptional tyre life
- Superb handling characteristics
- Comfortable for long distance commuting

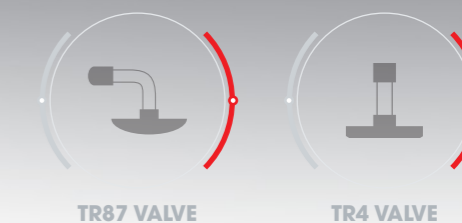
	Tyre Size	Service Index	Rec Rim	Rim min-max	Overall Width mm/inches	Overall Diameter mm/inches	Depth mm	Revs per km/mile	Part Number
<b>Viper Stryke Front</b>									
12	110/90-12	64P	MT2.50	2.15-3.00	110 / 4.3	503 / 19.8	5.5	658 / 1053	638285
13	110/90-13	56P	MT2.50	2.15-3.00	110 / 4.3	528 / 20.8	5.5	627 / 1003	638266
	120/70-13	53P	MT3.50	2.75-3.75	120 / 4.7	498 / 19.6	5.5	665 / 1064	638267
14	80/90-14	40S	MT1.85	1.60-2.15	78 / 3.1	499 / 19.6	5.5	664 / 1062	638290
	120/70-14	55S	MT3.50	2.75-3.75	120 / 4.7	524 / 20.6	5.5	632 / 1011	638268
	120/80-14	58S	MT2.75	2.50-3.00	120 / 4.7	548 / 21.6	5.5	604 / 967	638269
15	120/70-15	56S	MT3.50	2.75-3.75	120 / 4.7	549 / 21.6	5.5	603 / 965	638270
16	100/80-16	50P	MT2.50	2.15-2.75	100 / 3.9	566 / 22.3	6.0	585 / 936	638271
	110/70-16	52S	MT3.00	2.50-3.50	110 / 4.3	560 / 22.0	6.0	591 / 946	638284
<b>Viper Stryke Rear</b>									
12	140/70-12	65P	MT3.75	3.50-4.50	140 / 5.5	501 / 19.7	6.0	661 / 1057	638279
13	140/60-13	63P	MT3.75	3.50-4.50	140 / 5.5	498 / 19.6	6.0	665 / 1064	638277
	130/70-13	63P	MT3.50	3.00-4.00	130 / 5.1	509 / 20.0	5.5	651 / 1041	638278
	150/70-13	64S	MT4.25	3.50-4.50	150 / 5.9	540 / 21.3	6.0	613 / 981	638276
14	100/90-14	57S	MT2.50	2.15-2.75	108 / 4.3	538 / 21.2	6.0	615 / 985	638291
	140/60-14	64S	MT3.75	3.50-4.50	140 / 5.5	524 / 20.6	6.0	632 / 1011	638280
	140/70-14	68S	MT3.75	3.50-4.50	140 / 5.5	552 / 21.7	6.0	600 / 960	638275
	150/70-14	66S	MT4.25	3.50-4.50	150 / 5.9	566 / 22.3	6.0	585 / 936	638274
16	120/80-16	60P	MT2.75	2.50-3.00	120 / 4.7	598 / 23.5	6.0	554 / 886	638273
	140/70-16	65P	MT3.75	3.50-4.50	140 / 5.5	602 / 23.7	6.0	550 / 880	638272
<b>Viper Stryke Universal</b>									
10	3.50-10	51J	MT2.50	1.85-2.50	97 / 3.8	436 / 17.2	5.5	759 / 1215	638286
	90/90-10	50J	MT2.15	1.85-2.15	87 / 3.4	414 / 16.3	5.5	800 / 1280	638287
	100/90-10	56J	MT2.50	2.15-2.50	98 / 3.9	433 / 17.0	5.5	765 / 1224	638288
12	120/70-12	58P	MT3.50	2.75-3.75	126 / 5.0	473 / 18.6	5.5	700 / 1120	638282
	130/70-12	62P	MT3.50	3.00-4.00	131 / 5.2	487 / 19.2	5.5	680 / 1088	638281
13	130/60-13	60P	MT3.50	3.00-4.00	130 / 5.1	486 / 19.1	5.0	681 / 1090	638283
14	90/90-14	46S	MT2.15	1.85-2.50	91 / 3.6	515 / 20.3	5.5	643 / 1029	638289

	Valve Type	For Tyre Sizes	Part Number
10	TR87	80/90;90/90-10	712219
	TR87	90/90;100/90-10	712227
16	TR4	MT90;130/90;140/90;150/80*;160/80-16	712224
	TR4 Off-centre	MT90;130/90;140/90;150/80;160/80-16	712217
17	TR4	70/90;80/90-17	712223
	TR4	80/90;90/90-17	712228
	TR4	120/90;130/70;130/80;140/70;150/60-17	712218
	TR4	130/90;140/80;150/70;160/60;160/70-17	712225
18	TR4	80/90;90/90-18	712213
	TR4	90/90;100/90;110/80-18	712221
19	TR4	80/90;90/90-19	712220
	TR4	90/90;100/90;110/80-19	712216
21	TR4	MH90;80/90;90/90-21	712226

\*OEM Triumph

	Valve Type	For Tyre Sizes	Part Number
18	TR4	100/90>130/80-18	712215
	TR4	100/100>140/80-18	712222
19	TR4	100/90;110/90-19	712214
21	TR4	MH90;80/90;90/90-21	712229

## Butyl Rubber



## Natural Rubber

- Natural rubber
- Fitments for 18" to 21" rims



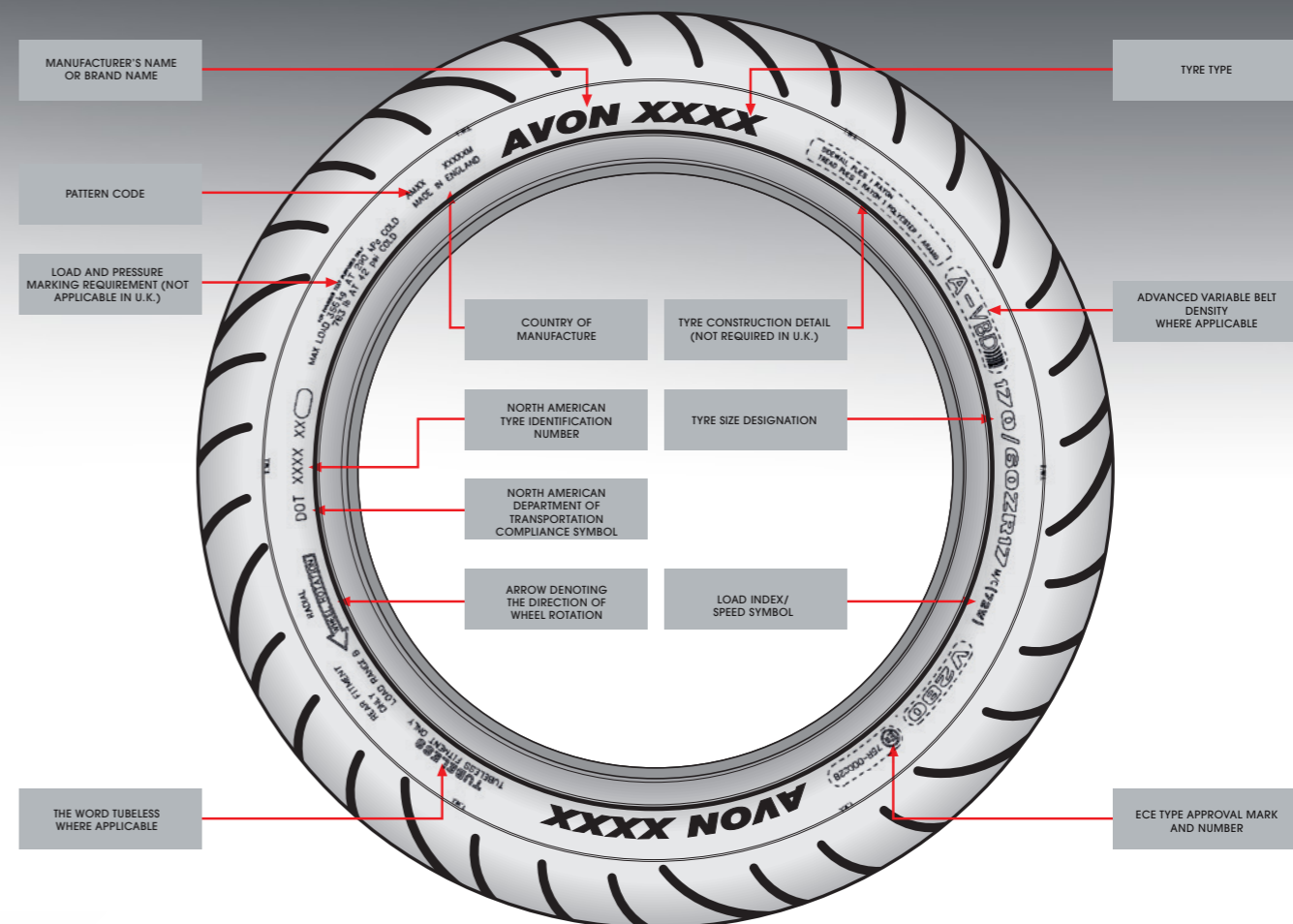
# Technical Information

TECHNICAL INFORMATION

TECHNICAL INFORMATION

Technical Data (Bias)			
Inches		mm	
	Low Profile	'90'series	'80'series
<b>16</b>	3.25-16	100/90-16	110/80-16
	3.50-16	110/90-16	120/80-16
		120/90-16	
	5.00-16	130/90-16	150/80-16
<b>17</b>	2.50-17	80/90-17	
	2.75-17	80/90-17	
	4.25-17	120/90-17	130/80-17
	4.50-17	130/90-17	140/80-17
<b>18</b>	2.50-18		
	2.75-18	80/90-18	
	3.00-18	80/90-18	
	3.25-18	90/90-18	100/80-18
	3.50-18	100/90-18	110/80-18
	3.75-18	100/90-18	110/80-18
	4.00-18	110/90-18	120/80-18
		120/90-18	130/80-18
	4.25-18	130/90-18	140/80-18
<b>19</b>	3.00-19		
	3.25-19	90/90-19	
	3.50-19	100/90-19	
		110/90-19	
<b>21</b>	2.75-21	80/90-21	
	3.00-21	90/90-21	

Technical Data (Bias)		
Front		
Alpha Numeric	mm	Inches
MH90	80/90	2.50/2.75
MJ90	90/90	2.75/3.00
MM80	100/90	3.25/3.50
MN90	110/90	3.75/4.00
MR90	120/90	4.25/4.50
MT90	130/90	5.00/5.10
Rear		
Alpha Numeric	mm	Inches
MP85	110/90	4.00/4.25
MR90	120/90	4.50/7.75
MT90	130/90	5.00/5.10
MU90	140/90	5.50/6.00
MU85	150/80	6.00/6.25
MV85	150/90	6.00/6.25



Load Index	Kg	Load Index	Kg	Load Index	Kg	Speed Index	Km/H
21	82.5	42	150	63	272	F	80
22	85	43	155	64	280	G	90
23	87.5	44	160	65	290	J	100
24	90	45	165	66	300	K	110
25	92.5	46	170	67	307	L	120
26	95	47	175	68	315	M	130
27	97.5	48	180	69	325	N	140
28	100	49	185	70	335	P	150
29	103	50	190	71	345	Q	160
30	106	51	195	72	355	R	170
31	109	52	200	73	365	S	180
32	112	53	206	74	375	T	190
33	115	54	212	75	387	U	200
34	118	55	218	76	400	H	210
35	121	56	224	77	412	V	240
36	125	57	230	78	425	W	270
37	128	58	236	79	437	ZR	+240
38	132	59	243	80	450		
39	136	60	250	81	462		
40	140	61	257	82	475		
41	145	62	265	83	487		



[Contact details... ?](#)