

# ZZS

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## Road Legal Tyres:

The Avon ZZS is a tyre range developed to offer outstanding all-round performance in both wet and dry conditions and both on the road and on the track. The unique symmetrical and directional motorsport derived tread pattern was designed to maximize water clearance while maintaining superb dry weather performance through excellent tread block stability. The ZZS is fully road legal DOT marked and complies with all EU Tyre Labeling regulations.

New for 2015 the Avon ZZS will become the single control tyre for the official Caterham Roadsport, Tracksport and Supersort race championships.



- Superb dry and wet weather performance
- Fully road legal, DOT Marked and EU Tyre Labeling compliant
- List 1B permitted race tyre (2015 onwards)
- Full racing tread compound
- Designed by the Avon Tyres Motorsport Technical Department.
- Ideal championship control tyre
- Tyre construction utilises materials found in GT, F3, Formula Ford and other world class forms of motorsport.
- A road legal racing tyre

TYRE SIZE	SERVICE INDEX	RIM CHOICE	RIM USED	MEASURED AT		DIAMETER		SECTION		TREAD		REVOLUTIONS	
				psi	bar	ins	mm	ins	mm	ins	mm	mile	km
185/55R13	83V XL	5.5- 7.0	N/A	22	1.5	20.85	530	7.95	202	6.69	170	967	301
215/55R13	88V	7.0- 8.5	N/A	22	1.5	22	559	9.06	230	7.87	200	917	569
245/50R13	93V	8.0- 10.0	7.5	22	1.52	22.52	572	9.65	245	9.33	237	896	557
195/50R15	82W	5.5 - 7.0	N/A	30	2.1	23.08	577	7.91	201	6.97	177	874	552
245/40R15	88W	9.0 - 10.0	N/A	22	1.52	22.52	572	9.76	248	9.25	235	896	557
195/50R16	88V XL	5.5 - 7.0	N/A	29	2	23.70	602	8.40	214	7.40	187	851	529
225/45R16	TBC	-	-	-	-	-	-	-	-	-	-	-	-

225/45R17	94V XL	7.0 – 8.5	N/A	30	2.1	25.34	634	8.86	225	8.27	210	795	502
255/40R17	TBC	-	-	-	-	-	-	-	-	-	-	-	-

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

<b>Stiffness</b>	<b>Compound</b>	<b>Application</b>
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.