

# ADVAN S.T.

## Where Speed and Capability Meet.

More SUVs are designed for high-performance driving than ever before. So Yokohama engineers set out to create a true ultra-high performance tire for these unique SUV applications. A tire designed to handle precision driving. From this vision, ADVAN S.T. was born – the ultimate upgrade for your high-performance SUV.

### ADVAN S.T. - Building The World's Fastest SUV Tires.

Unlike any other SUV tire line in the world, ADVAN S.T. tires are W- or Y-speed rated (up to 186 mph). Speed and load capable, ADVAN S.T. delivers the appropriate responsiveness to enhance the performance of the world's most capable SUVs.

#### 1 W-Shaped Multidirectional Grooves

Uniquely shaped grooves quickly expel water for enhanced rubber-to-road contact and grip on wet road surfaces.

#### 2 Solid Center Rib

The continuous solid center rib provides exceptional steering response, high-speed capability and straight-line stability.

#### 3 Circumferential Grooves

Two wide circumferential grooves help channel and evacuate water for excellent wet traction.

#### 4 Large Shoulder Blocks

Large blocks along the shoulder enhance lateral stability when cornering.

### Pitch Variation

Five different sizes of tread blocks placed at varying intervals disperse pitch noise for a quieter ride.

### Steel Belts

Yokohama's steel belts are strengthened to maximize traction by keeping the tread flat on the road surface as the added tensile strength enhances rigidity and maintains tire shape.

### Newly Developed Silica Compound

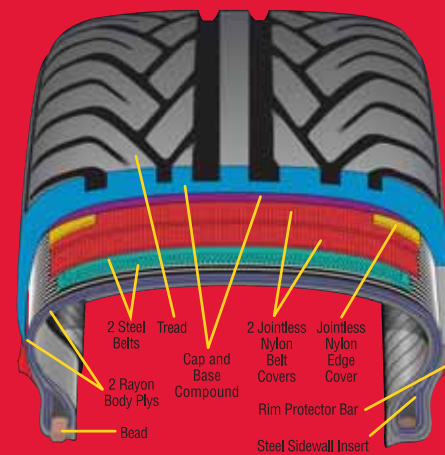
Yokohama's new compound utilizes silica particles which create massive traction in hot, dry conditions as well as cold, wet conditions.

### Reinforced Load Index (Select Sizes)

Designed to meet or exceed the stringent load carrying capacity requirements demanded by SUV manufacturers.

### Steel Sidewall Reinforcement (Select Sizes)

The reinforced sidewall enables responsive steering and greater control when cornering at high speeds.



Construction may vary by size.

UTQG 320/AA/A  
W- or Y-Speed Rated

### For Vehicles Such As:

- Acura MDX
- Mercedes-Benz G55 AMG
- BMW X5
- Mercedes-Benz ML500
- BMW X3
- Porsche Cayenne
- Cadillac SRX
- Range Rover HSE
- Lincoln Aviator
- VW Touareg





## Size Chart

Tire Size	Part No.	UTQG Rating	Measuring Rim Width	Approved Rim Width	Overall Width	Overall Diameter	Tread Width	Tread Depth (32/in)	Static Radius	Revs Per Mile	Max Load Cold Inflation Pressure	Type
225/55R17 101W	80203 <sup>a</sup>	320/AA/A	7.0	6.0-8.0	9.1	26.7	7.7	10	12.3	777	1819@50	BW
235/55R17 103W	80233 <sup>†</sup>				No Data Available							
235/65R17 108W	80201 <sup>a</sup>	320/AA/A	7.0	6.5-8.5	9.4	29.0	7.1	10	13.2	716	2205@50	BW
255/50R17 101W	80205 <sup>*</sup>	320/AA/A	8.0	7.0-9.0	10.3	27.1	8.9	10	12.4	767	1819@51	BW
255/60R17 110W	80202 <sup>a</sup>	320/AA/A	7.5	7.0-9.0	10.2	29.0	8.1	10	13.2	716	2337@50	BW
275/55R17 109W	80204 <sup>*</sup>	320/AA/A	8.5	7.5-9.5	11.1	28.9	9.4	11	13.1	720	2271@51	BW
235/50R18 101W	80210 <sup>a</sup>	320/AA/A	7.5	6.5-8.5	9.6	27.4	8.2	10	12.7	759	1819@50	BW
235/55R18 100W	80207 <sup>*</sup>	320/AA/A	7.5	6.5-8.5	9.6	28.1	8.0	10	13.0	738	1764@51	BW
235/60R18 107W	80206 <sup>a</sup>	320/AA/A	7.5	6.5-8.5	9.8	29.1	7.5	10	13.3	714	2149@50	BW
255/45R18 103W	80234 <sup>†</sup>				No Data Available							
255/55R18 109W	80208 <sup>a</sup>	320/AA/A	8.0	7.0-9.0	8.0	28.9	8.7	10	13.2	720	2271@50	BW
285/50R18 109W	80211 <sup>*</sup>	320/AA/A	9.0	8.0-10.0	11.6	29.2	10.0	11	13.4	711	2271@51	BW
285/55R18 113W	80209 <sup>*</sup>	320/A/A	9.0	8.0-10.0	11.7	30.3	9.7	11	13.8	685	2535@51	BW
245/50R19 105W	80212 <sup>a</sup>	320/AA/A	8.0	7.0-8.5	10.1	28.7	8.6	10	13.3	724	2039@50	BW
255/50R19 107W	80213 <sup>a</sup>	320/AA/A	8.0	7.0-9.0	10.4	29.1	8.9	10	13.5	713	2149@50	BW
275/45R19 108Y	80231 <sup>†</sup>				No Data Available							
285/45R19 107W	80214 <sup>*</sup>	320/AA/A	9.5	9.0-10.5	11.4	29.1	10.5	11	13.4	715	2149@51	BW
295/45R19 109W	80215 <sup>*</sup>	320/AA/A	10.0	9.5-11.0	12.0	29.6	10.8	10	13.7	701	2271@51	BW
265/50R20 111W	80216 <sup>a</sup>	320/A/A	8.5	7.5-9.5	10.9	30.5	9.3	11	14.1	682	2403@50	BW
275/40R20 106Y	80221 <sup>*</sup>	320/AA/A	9.5	9.0-11.0	11.0	28.7	10.3	10	13.4	724	2094@50	BW
275/50R20 113W	80217 <sup>a</sup>	320/A/A	8.5	7.5-9.5	11.2	30.9	9.6	11	14.2	673	2535@50	BW
285/45R20 112Y	80218 <sup>a</sup>	320/AA/A	9.5	9.0-10.5	11.3	30.2	10.5	10	14.0	688	2469@50	BW
295/40R20 106Y	80222 <sup>*</sup>	320/AA/A	10.5	10.0-11.5	12.2	29.4	10.9	10	13.7	705	2094@51	BW
295/45R20 114W	80219 <sup>a</sup>	320/A/A	10.0	9.5-11.0	11.9	30.4	10.9	11	14.1	682	2601@50	BW
305/45R20 116W	80220 <sup>a</sup>	320/A/A	10.0	9.5-11.5	12.2	30.8	11.3	11	14.2	674	2756@50	BW
315/35R20 110Y	80223 <sup>a</sup>	320/AA/A	11.0	10.5-12.5	12.6	28.7	12.0	10	13.4	725	2337@50	BW
275/30R22 99Y	80226 <sup>a</sup>	320/AA/A	10.0	9.0-10.0	11.3	28.6	10.4	10	13.6	727	1709@50	BW
295/30R22 103Y	80227 <sup>a</sup>	320/AA/A	10.5	10.0-11.0	11.9	29.1	11.3	10	13.8	714	1929@50	BW
295/35R22 108Y	80225 <sup>a</sup>	320/AA/A	10.5	10.0-11.5	11.8	30.1	11.2	10	14.2	690	2205@50	BW
305/40R22 114W	80224 <sup>a</sup>	320/A/A	11.0	10.0-12.0	12.3	31.5	11.4	11	14.7	659	2601@50	BW
315/30R22 107Y	80228 <sup>*</sup>	320/AA/A	11.0	10.5-11.5	12.2	29.5	11.8	10	13.9	703	2149@50	BW
305/35R23 111W	80229 <sup>a</sup>	320/A/A	11.0	10.0-12.0	12.2	31.5	11.4	11	14.8	660	2403@50	BW
315/25R23 102Y	80232 <sup>†</sup>				No Data Available							
305/35R24 112W	80230 <sup>a</sup>	320/A/A	11.0	10.0-12.0	12.3	32.4	11.4	11	15.3	641	2469@50	BW

\*Steel Sidewall Reinforcements

<sup>a</sup>Reinforced Load Index

<sup>†</sup>Available 2nd Quarter 2006

## Features and Benefits

### W-Shaped Multidirectional Grooves

Quickly expel water for enhanced grip on wet roads.

### Steel Belts

Strengthened to maximize traction and enhance rigidity.

### Solid Center Rib

Provides exceptional steering response and straight-line stability.

### Circumferential Grooves

Help channel and evacuate water for excellent wet traction.

### Large Shoulder Blocks

Enhance lateral stability when cornering.

### Newly Developed Silica Compound

Utilizes silica particles which create massive traction in various road conditions.

### Reinforced Load Index (Select Sizes)

Designed to meet or exceed the stringent load carrying capacity requirements demanded by SUV manufacturers.

### Steel Sidewall Reinforcement (Select Sizes)

Enables responsive steering and greater control when cornering.



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