

Motor Grader Tires



We're Changing The Ground Rules.

GOODYEAR



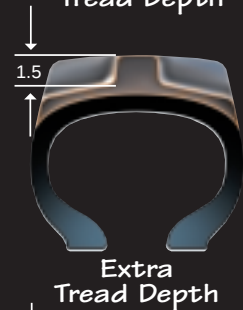
Goodyear's Family of Bias Tires for Road Graders

When you're looking for bias tires for your road grader, Goodyear is the answer.

Goodyear tires feature a strong construction for enhanced durability and stability.

To lengthen tire life and insure superior retreadability, the casing is reinforced with nylon cord to resist bruises and impact break. The open tread design, with uniquely angled lugs, provides maximum traction in soft soils. And Goodyear, the tire specialist, doesn't forget the drivers. Our superior bias grader tires reduce vibration for a smoother, more comfortable ride.

Industry Code	Tread Depth/Type	Radial	Bias
G-1	100 Level Rib 100 Level SMO		RBG-1A SMG-1A
G-2	100 Level Traction	SG-2B RL-2F SP-T9 AS-3A	SGG-2A SGL D/L-2A SGL E/L-2A SGG-2A SG
G-3	100 Level Rock		D/L 3A HRL D/L-3A RKG-3A HRL E/L-3A
G-3T	100 Level Rock Traction	GP-2B	
G-3+T	125 Level Rock Traction	RL-2+	
G-4	150 Level Rock		SGG-4B
L-5	250 Level Rock	RL-5K	HRL D/L 5C SXT D/L SXT LDR





Goodyear's Complete Line of Road Grader Radials

Goodyear has developed an entire family of radial tires specifically designed to live up to the tough demands of road grader applications. Whether you're pitching, grading or snowplowing, you'll get the rugged performance you need.

Traction & Comfort

Goodyear grader tires are known for their biting traction. Made with an open tread pattern and angled lugs, Goodyear radials clean out mud, snow, slush and stones from under the tread. This cleaning action results in gripping traction even in soft soil and poor weather conditions. While Goodyear radials are tough on traction, they're never tough on drivers. The uniform construction and computer-engineered tread design minimize overall vibration, which translates into a more comfortable ride with less shock to your vehicles.

Durability & Long Life

Goodyear's long-lasting tires are designed to take a beating. Built using Goodyear's exclusive compounds, the steel belts and radial casing resist damaging cuts, snags and punctures. Goodyear radials offer lasting durability and long tread life that, when combined with a cool-running tread, increases retreadability. Now you can take advantage of quality performance without breaking the bank.

Customized Constructions & Compounds

All Goodyear grader tires 20.5-25/20.5R25 and larger can be custom built to exactly match your job site conditions. The following chart lists compounds and constructions currently available.

Compound Code	Compound Type	Construction Code	Construction Type
4	Abrasion Resistant	S	Standard
6	Heat Resistant		

NOTE: Steel belts are standard in all radial ply tires.

Consult your Manufacturer for availability.

RADIAL (in order by size)

Size	Desc.	Star Rating	Const./Compound	Industry* Reference	Tread Depth		Overall Width		Overall Diameter		Static Loaded Radius		Load		Inflation	
					32nds	Mm	Ins	Mm	Ins	Mm	Ins	Mm	Lbs. (per T&RA & ETRO industry standards for 25 mph operation)	Kgs.	PSI	kPa
13.00R24	RL-2F	1*	—	G-2	27	21	13.3	337	51.0	1295	23.6	599	6600	3000	54	375
13.00R24	SG-2B	1*	—	G-2	29	23	13.5	343	50.3	1278	22.8	579	6600	3000	54	375
14.00R24	AS-3A	1*	—	G-3T	32	25	14.4	367	53.2	1352	24.1	612	8050	3650	54	375
14.00R24	RL-2F	1*	—	G-2	29	23	14.2	361	53.8	1367	24.7	628	8050	3650	54	375
14.00R24	SG-2B	1*	—	G-2	33	26	14.4	367	53.2	1352	24.1	612	8050	3650	54	375
15.5R25	GP-2B	1*	6S	G-3T	30	24	15.6	396	50.3	1278	22.8	580	6600	3000	44	300
15.5R25	RL-2F	1*	6S	G-2	29	23	15.4	391	50.6	1285	22.6	573	6600	3000	44	300
16.00R24	RL-2F	1*	4S	G-2	30	25	16.7	424	58.8	1494	26.9	683	10200	4625	54	375
16.00R24	SG-2B	1*	—	G-2	35	28	16.8	426	57.3	1454	25.4	644	10200	4625	54	375
17.5R25	AS-3A	1*	4S	G-3T	33	27	17.7	449	53.1	1348	23.8	604	8050	3650	44	300
17.5R25	GP-2B	1*	6S	G-3T	32	25	17.5	445	53.0	1346	23.6	599	8050	3650	44	300
17.5R25	RL-2+	1*	6S	G-3+T	45	36	17.6	446	54.3	1379	25.0	635	8050	3650	44	300
17.5R25	SG-2B	1*	—	G-2	32	25	18.0	457	53.1	1348	24.2	615	8050	3650	44	300
20.5R25	GP-2B	1*	6S	G-3T	36	28	20.9	532	58.1	1476	25.7	653	10200	4625	44	300
20.5R25	GP-2B	2*	4S	G-3	36	28	20.9	532	58.1	1476	25.7	653	13600	6150	62	425
20.5R25	RL-2+	1*	6S	G-3+T	50	40	21.3	541	58.0	1473	26.8	681	10200	4625	44	300
20.5R25	RL-2+	2*	4S	G-3+T	50	40	21.3	541	58.0	1473	26.8	681	13600	6150	62	425
20.5R25 (24/24)	RL-5K	1*	6S	L-5	90	71	21.8	554	60.4	1534	27.3	693	10200	4625	44	300
20.5R25 (24/24)	RL-5K	2*	4S	L-5	90	71	21.8	554	60.4	1534	27.3	693	13600	6150	62	425
20.5R25 (Stone Gard)*	RT-3B	1*	6S	G-3	41	32	21.2	539	58.3	1480	34.0	863	10200	4625	44	300
23.5R25	GP-2B	1*	6S	G-3T	40	32	24.1	612	63.3	1608	28.2	718	13200	6000	44	300
23.5R25	GP-2B	2*	4S	G-3T	40	32	24.1	612	63.3	1608	28.2	718	17100	7750	62	425
23.5R25	RL-2+	2*	4S	G-3+T	53	42	24.2	615	63.9	1623	29.4	747	17100	7750	62	425
23.5R25	RL-2+	1*	6S	G-3+T	53	42	24.2	615	63.9	1623	29.4	747	13200	6000	44	300
23.5R25	RL-5K	1*	6S	L-5	99	79	24.5	623	65.1	1654	29.4	746	13200	6000	44	300
23.5R25	RL-5K	2*	4S	L-5	99	79	24.5	623	65.1	1654	29.4	746	17100	7750	62	425
23.5R25 (Stone Gard)*	RT-3B	1*	6S	G-3	45	37	24.5	619	63.2	1604	34.0	863	13200	6000	44	300
23.5R25	SP-PG 120SD	1*	—	L-5	102	81	26.1	663	66.8	1756	28.4	743	13200	6000	44	300
29.5R29	RL-5K	1*	6S	L-5	120	95	31.5	800	79.1	2009	37.1	942	21500	9750	44	300
335/80R18	SP-T9	—	—	G-2	23	18	14.8	377	40.0	1015	17.6	448	4850	2200	62	425
335/80R20	SP-T9	—	—	G-2	23	18	14.4	366	42.4	1076	18.7	474	5070	2300	62	425
365/70R18	SP-T9	—	—	G-2	23	18	15.7	400	39.4	1000	17.2	438	4960	2250	62	425
365/80R20	SP-T9	—	—	G-2	25	20	15.7	400	44.4	1127	19.4	493	5840	2650	62	425
405/70R18	SP-T9	—	—	G-2	25	20	17.8	452	42.1	1070	18.1	461	5840	2650	62	425
405/70R20	SP-T9	—	—	G-2	24	19	17.8	452	44.1	1121	19.2	487	6170	2800	62	425

*T=Traction + Plus Sign = 125 level tread depth ^ = Available in 2002



Radial

AS-3A

Goodyear is proud to introduce its first all-season tire specifically engineered for road graders. Made with self-cleaning grooves and specially-placed blades, AS-3A provides excellent performance on snow and ice, as well as on wet and dry surfaces. This radial maximizes grip in mud, hardpack and rocky terrain, and accommodates chains for added traction. It's a revolutionary design for road graders from the company that's #1 in tires. Goodyear.

Goodyear's Newest Road Grader Tire. AS-3A



RADIAL

AS-3A (G-2)

All-season radial tire specifically designed for road graders.



- Multiple groove edges provide superior traction on all surfaces.
- Specially placed blades maximize snow and ice traction.
- Flexible block elements minimize stone retention.

SG-2B (G-2)

Exceptional traction radial tire for use on motor graders in varied operating conditions.



- Variable pitch lugs provide long wear and ride comfort.
- Aggressive, non-directional tread design maximizes traction.
- Open shoulder grooves are self-cleaning for excellent traction.

GP-2B (G-3T)

Excellent multi-purpose, high traction radial tire for use on motor graders.



- Solid center rib provides long wear, good roadability, lateral traction and a smooth ride.
- The non-directional tread design offers high fore, aft and lateral traction.
- Open shoulder grooves are self-cleaning for excellent traction.

RL-2+ (G-3+T)

Unique G-3+ 125-level radial tire design, with 25% more tread depth, for exceptional traction on motor graders in soft soil and loose underfoot conditions.



- Aggressive lug pattern provides superior traction.
- 125-level tread depth enhances traction, resists cuts and provides long wear.
- The non-directional tread design offers high fore and aft traction.

RL-5K (L-5)

Long-wearing, 250-level tread depth, super extra tread radial tire designed for use on motor graders in severe mine operating conditions.



- 250-level tread depth enhances traction, resists cuts and provides long wear.
- Solid centerline section provides longer wear and a smooth ride, and makes this tire ideal for high torque applications and hard rock quarry service and mine operations.

RL-2F (G-2)

Excellent traction radial tire with good self-cleaning properties for use on motor graders.



- Open tread pattern provides aggressive traction in soft soil, excellent forward traction and long wear.
- The directional tread design offers high forward traction.
- Open shoulder grooves are self-cleaning for excellent traction.

DUNLOP SP-T9 (L/E/G-2)

Designed for road graders and small loaders and delivers maximum traction and flotation in soft underfoot conditions.



- The open face tread design and wide shoulder grooves are self-cleaning for maximum traction.
- High-tensile steel cord ply provides outstanding strength and cut resistance.
- The interlocking lug design increases lateral traction.

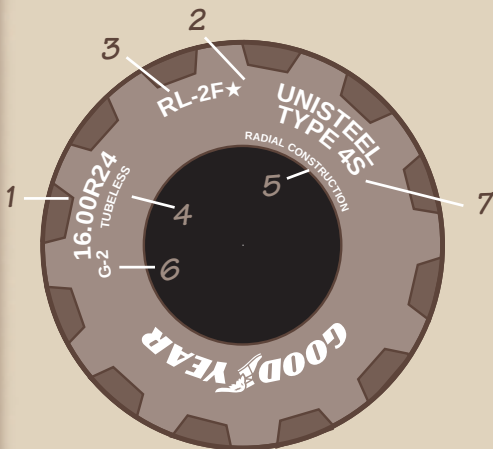
STONE GARD™ RT-3B

Built with an all-steel construction, the 115-level rock design is the tire of choice for use on the roughest terrain.



- All-steel radial construction resists damaging heat build-up.
- Wide tread width improves traction and mobility, and gives a more stable, comfortable ride.
- Uniform footprint and deep tread groove provides longer, more even wear.

RADIAL SIDEWALL INFORMATION



1 Tire size

2 Ply or star rating

3 Goodyear tire name

4 Tubetype or Tubeless

5 Casing construction type

6 Industry code (if applicable)

7 Goodyear custom

compound/construction type

BIAS PLY

SGG-2A (G-2)

Outstanding, time-tested traction bias tire for use on motor graders in city and county maintenance work, construction and mine applications.



- Precision-angled bars maximize traction in soft soil and provide long wear.
- Open shoulder grooves are self-cleaning for excellent traction and less slipping.
- Tough, durable casing makes it the most widely retreaded tire in the industry.

SGL D/L-2A • SGL E/L-2A (G-2)

Time-tested bias traction tire for use on motor graders in varied applications.



- Precision-angled bars maximize traction in soft soil.
- Open shoulder grooves are self-cleaning for excellent traction and less slipping.
- Tough, durable casing makes it capable of multiple retreadings.

HRL® D/L 3A • HRL E/L-3A (G-3)

Preferred wide base bias rock tire for use on motor graders in moderately severe service.



- Aggressive, durable lug design offers premium performance in harsh underfoot conditions.
- The non-directional tread design provides good fore and aft traction.
- Tough, durable casing makes it capable of multiple retreadings.

HRL D/L 5C (L-5)

Super extra tread (250 level) bias grader tire with a flat tread and massive lugs for severe service operation.



- 250 level tread depth is the deepest tread available for maximum wear.
- Flat tread design and square shoulder provide outstanding wear and stability.
- The solid centerline section provides long wear, a smooth ride and is ideal for high torque applications in hard rock quarry service.

SXT D/L • SXT LDR (L-5)

Our deepest bias, 250-level tread depth tire designed for use on motor graders in severe mine operating conditions.



- 250-level tread depth enhances traction, resists cuts and provides longer wear.
- Solid centerline section provides long wear and a smooth ride, and makes this tire ideal for high torque applications, hard rock quarry service and mine maintenance.
- Wide, flat tread enhances stability and treadwear.

SMG-1A (G-1)

Smooth design bias tire used on graders dedicated to fine finish and minimal soil disturbance.



- Smooth design minimizes soil disturbance.
- The tough, durable casing is capable of multiple retreadings.

RBG-1A (G-1)

Continuous rib design bias tire used on graders to resist side thrust in fine, finishing grading.



- Continuous ribs and deep grooves provide clean, accurate blade cuts.
- The non-directional tread design resists side thrust and keeps the front grader wheels in line.
- The tough, durable casing is capable of multiple retreadings.

RKG-3A (G-3)

Preferred bias rock tire for use on motor graders in severe applications.



- Straight bar lug design offers premium performance in severe underfoot conditions.
- The non-directional tread design provides good fore and aft traction.
- The tough, durable casing is capable of multiple retreadings.

SGG-4B (G-4)

Unique 150-level bias traction tire with 50% more tread depth for use on motor graders in varied applications.



- Precision-angled bars provide long wear and maximum traction in soft soil.
- 150-level tread depth extends tire life.
- Open shoulder grooves are self-cleaning for excellent traction and less slippage.
- Tough, durable casing is the most widely retreaded tire in the industry.

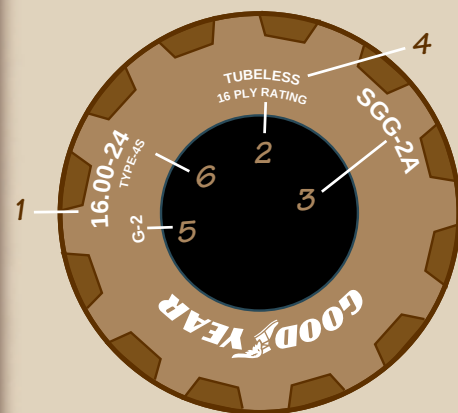
SGG-2A SG (G-2)

Outstanding, time-tested traction bias tire with steel belts for use on motor graders in severe applications.



- Rugged steel barrier plies resist cuts and punctures.
- Precision-angled bars provide long wear and maximum traction in soft soil.
- Open shoulder grooves are self-cleaning for excellent traction and less slippage.
- Tough, durable casing is the most retreaded in the industry.

BIAS SIDEWALL INFORMATION



1 Tire size

2 Ply or star rating

3 Goodyear tire name

4 Tubetype or Tubeless

5 Industry code (if applicable)

6 Goodyear custom

compound/construction type

BIAS PLY (in order by size)

Size	Desc.	Ply Rating	Const./Compound	Industry Reference	Tread Depth		Overall Width		Overall Diameter		Static Loaded Radius		Load		Inflation	
					32nds	Mm	Ins	Mm	Ins	Mm	Ins	Mm	Lbs. (per T&RA & ETRO industry standards for 25 mph operation)	Kgs.	PSI	kPa
12.00-24	SGG-2A	8	—	G-2	28	22	12.9	328	48.4	1229	22.4	569	4180	1900	29	200
13.00-20	SGG-2A	10	—	G-2	30	24	13.7	348	46.7	1186	21.2	539	4680	2120	33	225
13.00-24	SGG-2A	10	—	G-2	28	30	13.5	343	50.0	1285	22.2	563	5200	2360	33	225
13.00-24	SGG-2A	12	—	G-2	28	30	13.5	343	50.0	1285	22.2	563	6000	2725	44	300
13.00-24	SGG-2A SG	12	—	G-2	28	30	13.9	352	51.0	1295	22.2	563	6000	2725	44	300
13.00-24	SMG-1A	10	—	G-1	27	21	13.4	340	49.7	1262	22.5	572	5200	2360	33	225
14.00-24	RBG-1A	12	—	G-1	32	25	14.4	366	52.6	1336	23.7	602	6800	3075	36	250
14.00-24	RKG-3A	16	—	G-3	32	25	14.2	361	53.3	1354	24.6	625	8050	3650	51	350
14.00-24	SGG-2A	10	—	G-2	32	25	14.6	371	52.6	1336	23.6	598	6150	2800	33	225
14.00-24	SGG-2A	12	—	G-2	32	25	14.6	371	52.6	1336	23.6	598	6800	3075	36	250
14.00-24	SGG-2A	16	—	G-2	32	25	14.6	371	52.6	1336	23.6	598	8050	3650	51	350
14.00-24	SGG-4B	12	—	G-4	50	40	14.5	368	54.5	1384	24.6	625	6800	3075	36	250
15.5-25	HRL D/L-3A	12	—	G-3	33	26	15.7	399	50.2	1275	22.7	577	5840	2650	36	250
15.5-25	SGL D/L-2A	8	—	G-2	30	24	15.7	399	49.4	1255	21.5	546	4300	1950	22	125
15.5-25	SGL D/L-2A	12	—	G-2	30	24	15.7	399	49.4	1255	21.5	546	5840	2650	36	250
16.00-24	RKG-3A	16	4S	G-3	35	28	17.3	439	57.8	1468	26.3	668	9900	4500	44	300
16.00-24	SGG-2A	12	4S	G-2	35	28	16.9	429	56.1	1425	25.4	645	8050	3650	33	225
16.00-24	SGG-2A	16	4S	G-2	35	28	16.9	429	56.1	1425	25.4	645	9900	4500	44	300
17.5-25	HRL D/L-3A	12	—	G-3	35	28	18.0	457	53.5	1359	23.5	597	6400	2900	29	200
17.5-25	HRL D/L-3A	16	—	G-3	35	28	18.0	457	53.5	1359	23.5	597	7400	3350	40	275
17.5-25	HRL D/L-3A	20	—	G-3	35	28	18.0	457	53.5	1359	23.5	597	8050	3650	47	325
17.5-25	HRL D/L-3A	20	6S	G-3	35	28	18.0	457	53.5	1359	23.5	597	8050	3650	47	325
17.5-25	SGL D/L-2A	12	—	G-2	31	25	18.0	457	53.3	1354	23.0	584	6400	2900	29	200
17.5-25	SGL D/L- 2A	16	—	G-2	31	25	18.0	457	53.3	1354	23.0	584	7400	3350	40	275
17.5-25	SGL D/L-2A	20	—	G-2	31	25	18.0	457	53.3	1354	23.0	584	8050	3650	47	325
20.5-25	HRL E/L-3A	12	4S	G-3	38	30	21.8	554	59.2	1504	26.4	671	7850	3550	25	175
20.5-25	HRL E/L-3A	16	4S	G-3	38	30	21.8	554	59.2	1504	26.4	671	8800	4000	33	225
20.5-25	HRL E/L-3A	20	4S	G-3	38	30	21.8	554	59.2	1504	26.4	671	9900	4500	40	275
20.5-25	SGL E/L-2A	12	4S	G-2	35	28	21.8	554	58.7	1491	26.2	665	7850	3550	25	175
20.5-25	SGL E/L-2A	16	4S	G-2	35	28	21.8	554	58.7	1491	26.2	665	8800	4000	33	225
20.5-25	SGL E/L-2A	20	4S	G-2	35	28	21.8	554	58.7	1491	26.2	665	9900	4500	40	275
20.5-25	SXT LDR	12	4S	L-5	93	74	21.8	554	61.3	1557	28.9	734	7850	3550	25	175
23.5-25	HRL E/L-3A	12	4S	G-3	41	33	24.2	615	63.6	1615	28.3	719	8800	4000	22	150
23.5-25	HRL E/L-3A	16	4S	G-3	41	33	24.2	615	63.6	1615	28.3	719	10500	4750	29	200
23.5-25	HRL E/L-3A	20	4S	G-3	41	33	24.2	615	63.6	1615	28.3	719	12000	5450	36	250
23.5-25	SGL E/L-2A	12	4S	G-2	39	31	24.4	620	63.0	1600	28.0	711	8800	4000	22	150
23.5-25	SGL E/L-2A	16	4S	G-2	39	31	24.4	620	63.0	1600	28.0	711	10500	4750	29	200
23.5-25	SGL E/L-2A	20	4S	G-2	39	31	24.4	620	63.0	1600	28.0	711	12000	5450	36	250
23.5-25	SHRL XT DL	20	4S	L-4	70	56	24.6	625	66.2	1687	30.5	775	12000	5450	36	250
23.5-25	SXT D/L	20	4S	L-5	100	79	24.3	617	66.4	1687	31.0	787	12000	5450	36	250



Bias

ON THE WINGS OF



We're Changing The Ground Rules.

To locate your Goodyear OTR representative, see our Web site at

www.goodyearotr.com