

Definition of Tire Terms

Design Rim Width: "Design Rim Width" is the specific rim width assigned to each tire size designation, to determine basic tire dimensions.

Section Width: "Section Width" is the maximum width of a new tire.

Overall Diameter: "Overall Diameter" is the diameter of an inflated tire at the outermost surface of the tread.

Maximum Load Capacity: "Maximum Load Capacity" is the maximum weight a tire is designed to carry, under standard use conditions.

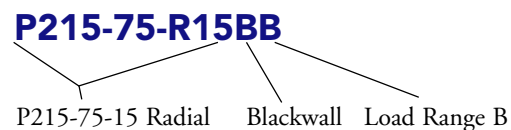
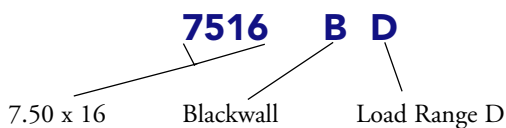
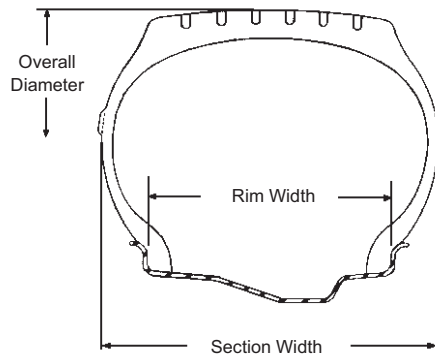
Load Identification:

Load Range with a letter (A, B, C, etc.), **Standard Load** and **Extra Load** are used to identify a given size tire with its load and inflation limits, when used in a specific type of service.

Ply Rating is a term used to identify a given tire with its maximum recommended load, when used in a specific type of service. It is an index of tire strength and does not necessarily represent the number of cord plies in the tire.

Static Load Radius: "Static Load Radius" is the dimension from the bottom of the tire to the center line of an axle, when the tire is loaded at its rated capacity.

How The Tire Part Number System Works: Part Numbers incorporate tire sizes and descriptions, to allow you to easily determine the tires you need to order. For example, part numbers 7516BD and P215-75-R15BB can be interpreted as follows:



Goodyear Marathon Radial 13" - 16" Trailer Tires

Realizing the need for "extra capacity" tires to fit the demanding applications of many Marine, Utility and R.V. trailers, Goodyear offers Marathon "ST" Radial Trailer Tires. Technical information is provided below.

Part No.	Ref. No.	Description	L.R.	O.D.	Sec. Width	Rim Width	Max. Load Cap. Single	Load Radius
ST175-80-R13BC	337830	ST175-80-R13, Blackwall	C	24.0	7.0	5.0	1360 @ 50	11.2
ST205-75-R14BC	338240	ST205-75-R14, Blackwall	C	26.1	8.0	5.5	1760 @ 50	12.1
ST205-75-R15BC	338320	ST205-75-R15, Blackwall	C	27.1	8.0	5.5	1820 @ 50	12.6
ST225-75-R15BC	338450	ST225-75-R15, Blackwall	C	28.3	8.8	6.0	2150 @ 50	13.0
ST225-75-R15BD	338470	ST225-75-R15, Blackwall	D	28.3	8.8	6.0	2540 @ 65	13.0
ST235-80-R16BD	338500	ST235-80-R16, Blackwall	D	30.8	9.2	6.5	3000 @ 65	14.0



14.5" - 17.5" Diameter Goodyear Tires

Many trailer builders require tires specifically designed for long-lasting, heavy duty applications. We have the tires to fit these needs. This group includes sizes from the popular 700 x 15 up to heavy duty 17.5's.



Part No.	Ref. No.	Description	L.R.	O.D.	Sec. Width	Rim Width	Max. Load Cap. Single / Dual	Load Radius
800145BF	338900	800 x 14.5 LT NYLON BLACKWALL	F	28.2	8.0	6.0	2790 @ 100 / 2460 @ 100	13.3
900145BF	338950	900 x 14.5 LT NYLON BLACKWALL	F	28.3	9.7	7.0	3230 @ 100 / 2840 @ 100	13.3
7015BC	339000	700 x 15 NYLON BLACKWALL	C	29.8	8.3	5.5	1720 @ 45 / 1520 @ 45	13.8
7015BD	339200	700 x 15 NYLON BLACKWALL	D	29.8	8.3	5.5	2040 @ 60 / 1800 @ 60	13.8
7516BD	339400	750 x 16 NYLON BLACKWALL	D	31.6	8.9	6.0	2440 @ 60 / 2140 @ 60	14.8
7516BE	339425	750 x 16 NYLON BLACKWALL	E	31.6	8.9	6.0	2780 @ 75 / 2440 @ 75	14.8
LT21585R16BE	339440	LT215-85R-16, RADIAL BLACKWALL	E	30.5	8.5	6.0	2680 @ 80 / 2470 @ 80	14.1
LT23585R16BE	339450	LT235-85R-16, RADIAL BLACKWALL	E	31.5	9.2	6.5	3042 @ 80 / 2778 @ 80	14.5
LT23585R16BG	339510	LT235-85R-16, RADIAL BLACKWALL	G	30.8	9.5	6.0	3750 @ 110 / 3415 @ 110	14.3
LT24575R16BE	339550	LT245-75R-16, RADIAL BLACKWALL	E	30.6	9.8	7.0	3042 @ 80 / 2778 @ 80	14.0
875165BE	339800	8.75 x 16.5 NYLON BLACKWALL	E	29.2	8.8	6.75	2680 @ 75 / 2360 @ 75	13.6
950165BE	340200	9.50 x 16.5 NYLON BLACKWALL	E	30.3	9.6	6.75	3170 @ 75 / 2790 @ 75	14.0
1200165BF	340300	12.00 x 16.5 NYLON BLACKWALL	F	31.6	12.1	9.75	4045 @ 75 / 3560 @ 75	14.9
215-75R-175H	340610	215-75R-17.5 BLACKWALL	H	30.5	8.8	6.75	4805 @ 125 / 4540 @ 125	14.2
235-75R-175H-G	340640	235-75R-17.5 BLACKWALL	H	31.8	9.2	6.75	6005 @ 125 / 5675 @ 125	14.5

TIRES & WHEELS

Inches / Decimal / Metric Conversion Chart

This chart is provided for your convenience. With it you can easily convert fractions of an inch (in 1/64th increments) to decimals and metric equivalents.

Inches	Decimal	mm	Inches	Decimal	mm	Inches	Decimal	mm
1/64	0.015	0.396	11/32	0.343	8.731	43/64	0.671	17.065
1/32	0.031	0.793	23/64	0.359	9.123	11/16	0.687	17.462
3/64	0.046	1.190	3/8	0.375	9.525	45/64	0.703	17.859
1/16	0.062	1.587	25/64	0.390	9.921	23/32	0.718	18.256
5/64	0.078	1.984	13/32	0.406	10.318	47/64	0.734	18.653
3/32	0.093	2.381	27/64	0.421	10.715	3/4	0.750	19.050
7/64	0.109	2.778	7/16	0.437	11.112	49/64	0.765	19.446
1/8	0.125	3.175	29/64	0.453	11.509	25/32	0.781	19.843
9/64	0.140	3.571	15/32	0.468	11.906	51/64	0.796	20.240
5/32	0.156	3.968	31/64	0.484	12.303	13/16	0.812	20.637
11/64	0.171	4.365	1/2	0.500	12.700	53/64	0.828	21.034
3/16	0.187	4.762	33/64	0.515	13.096	27/32	0.843	21.431
13/64	0.203	5.159	17/32	0.531	13.493	55/64	0.859	21.828
7/32	0.218	5.556	35/64	0.546	13.890	7/8	0.875	22.225
15/64	0.234	5.953	9/16	0.562	14.287	57/64	0.890	22.621
1/4	0.250	6.350	37/64	0.578	14.684	29/32	0.906	23.018
17/64	0.265	6.746	19/32	0.593	15.081	59/64	0.921	23.415
9/32	0.281	7.143	39/64	0.609	15.478	15/16	0.937	23.812
19/64	0.296	7.540	5/8	0.625	15.875	61/64	0.953	24.209
5/16	0.312	7.937	41/64	0.640	16.271	31/32	0.968	24.606
21/64	0.328	8.334	21/32	0.656	16.668	63/64	0.984	25.003

BRIDGESTONE Medium Truck Tires



Part No.	Ref. No.	Description	L.R.	O.D.	Sec. Width	Rim Width	Max. Load Cap. Single / Dual	Load Radius
215-75R-175H-B	340620	215-75R-17.5, BLACKWALL RADIAL	H	30.6	8.5	6.0	4805 @ 125 / 4540 @ 125	14.2
235-75R-175J	340630	235-75R-17.5, BLACKWALL RADIAL	J	31.6	9.4	6.75	6005 @ 125 / 5675 @ 125	14.6

Value Priced Steel Belted Radials

Passenger Tires



Low cost, high quality, steel belted radial tires for light duty towing. These tires feature nationwide warranty coverage.

TIRES & WHEELS

Part No.	Ref. No.	Description	L.R.	O.D.	Sec. Width	Rim Width	Max. Load Capacity	Load Radius
P175-80-R13WB-R	337826	*P175-80-R13, WHITEWALL	B	24.0	7.0	5.0	1179 @ 35	10.7
P205-75-R14WB-R	338226	*P205-75-R14, WHITEWALL	B	26.1	8.0	5.5	1532 @ 35	11.6
P205-75-R15WB-R	338316	*P205-75-R15, WHITEWALL	B	27.1	8.0	5.5	1598 @ 35	12.1
P215-75-R15WB-R	338401	*P215-75-R15, WHITEWALL	B	27.7	8.5	6.0	1742 @ 35	12.4

* For passenger ("P-metric") tires used in trailer applications, the Tire and Rim Association specifies that selection of size and load range on each axle shall be based on the highest individual wheel load multiplied by a service factor of 1.10. The load so obtained shall not be greater than the Tire Maximum Load of the passenger tire.

Special Trailer Tires



Built from the ground up for trailering, these blackwall ST's are designed for a quiet ride and smooth handling. Great value and national warranty coverage.

Part No.	Ref. No.	Description	L.R.	O.D.	Section Width	Rim Width	Max Load	Load Radius
ST175-80-R13BC-I	337840	ST175-80-R13, BLACKWALL	C	24.41	7.40	5.00	1360@50PSI	11.4
ST205-75-R14BC-I	338250	ST205-75-R14, BLACKWALL	C	26.69	8.46	5.50	1760@50PSI	12.4
ST205-75-R15BC-I	338330	ST205-75-R15, BLACKWALL	C	27.68	8.46	5.50	1820@50PSI	12.6
ST225-75-R15BD-I	338480	ST225-75-R15, BLACKWALL	D	28.86	9.33	6.00	2540@65PSI	12.8
ST235-80-R16BD-I	338510	ST235-80-R16, BLACKWALL	D	30.75	9.80	6.50	3000@65PSI	14.2
ST235-80-R16BE-I	338520	ST235-80-R16, BLACKWALL	E	30.70	9.50	6.50	3520@80PSI	14.7

Light Truck Tires



For medium duty towing, these value priced LT's offer rugged durability and full manufacturers' warranties.

Part No.	Ref. No.	Description	L.R.	O.D.	Sec. Width	Rim Width	Max. Load Cap. Single / Dual	Load Radius
7015BD-I	339100	7.00 X 15 IMPORT BIAS PLY	D	29.6	7.95	5.5	2040@65/1820@65	13.8
LT23585R16BE-I	339435	LT235-85-R16, BLACKWALL	E	31.8	9.29	6.5	3036 @ 80 / N/A	14.7
LT23585R16BE-S	339445	LT235-85R-16, BLACKWALL	E	31.7	9.3	6.5	3042 @ 80 / 2778 @ 80	14.0
7516BE-I	339420	7.50 X 16 IMPORT BIAS PLY	E	31.8	8.65	6.0	2780@80/2470@80	14.8

Bias Ply Trailer Tires

Our line of bias ply ST tires offers the perfect balance of product performance and value. These tires are competitively priced and are backed by a nationwide manufacturer's warranty.

Part No.	Ref. No.	Description	L.R.	O.D.	Sec. Width	Rim Width	Max. Load Cap. Single	Load Radius
ST175-80-D13BB-I	337828	ST175-80-D13 BIAS TIRE, BLACKWALL	B	24.0	7.01	5.0	1100 @ 35	12.1
ST175-80-D13BC-I	337829	ST175-80-D13 BIAS TIRE, BLACKWALL	C	24.0	7.01	5.0	1360 @ 50	12.1
ST205-75-D14BB-I	338230	ST205-75-D14 BIAS TIRE, BLACKWALL	B	26.4	7.8	5.5	1430 @ 35	13.3
ST205-75-D14BC-I	338235	ST205-75-D14 BIAS TIRE, BLACKWALL	C	26.4	7.8	5.5	1760 @ 50	13.3
ST205-75-D15BC-I	338318	ST205-75-D15 BIAS TIRE, BLACKWALL	C	27.2	7.8	5.5	1820 @ 50	13.8
ST225-75-D15BC-I	338440	ST225-75-D15 BIAS TIRE, BLACKWALL	C	28.9	8.15	6.0	2150 @ 50	14.3
ST225-75-D15BD-I	338460	ST225-75-D15 BIAS TIRE, BLACKWALL	D	28.6	8.15	6.0	2540 @ 65	14.3

Small Diameter Tire and Wheel Assemblies

We offer 8", 10" and 12" Tire and Painted Wheel Assemblies for many applications; all are available with 4 on 4" or 5 on 4.5" bolt patterns. Many are also available on Galvanized Wheels.



TIRES & WHEELS

Part No.	Ref. No.	Load Range	O.D.	Sect. Width	Tire Size	Max Load Cap.	Max PSI.	Finish
480TW4-B	341800	B	16.7	4.6	4.80-8	590	60	PAINTED
480TW4GV-B	341900	B	16.7	4.6	4.80-8	590	60	GALVANIZED
480TW5-B	342000	B	16.7	4.6	4.80-8	590	60	PAINTED
578TW4-B	342200	B	18.6	5.6	5.70-8	715	50	PAINTED
578TW5-B	342400	B	18.6	5.6	5.70-8	715	50	PAINTED
1656TW5-B	342450	B	16.7	6.5	16.5 x 6-8	620	45	PAINTED
1858TW5-B	342475	B	18.2	8.4	18.5 x 8-8	770	35	PAINTED
2058TW5-B	342800	B	20.4	8.0	20.5 x 8-10	905	35	PAINTED
2058TW5-C	343000	C	20.4	8.0	20.5 x 8-10	1105	50	PAINTED
2058TW5GV-C	343050	C	20.4	8.0	20.5 x 8-10	1105	50	GALVANIZED
2058TW5-D	343100	D	20.4	8.0	20.5 x 8-10	1330	70	PAINTED
2058TW5GV-D	343150	D	20.4	8.0	20.5 x 8-10	1330	70	GALVANIZED
2058TW5-E	343200	E	20.4	8.0	20.5 x 8-10	1535	90	PAINTED
4812TWSPK4-B	343600	B	21.3	5.2	4.80-12	780	60	PAINTED
4812TWSPK4GV-B	343800	B	21.3	5.2	4.80-12	780	60	GALVANIZED
4812TWSPK5-B	344000	B	21.3	5.2	4.80-12	780	60	PAINTED
4812TWSPK5GV-B	344010	B	21.3	5.2	4.80-12	780	60	GALVANIZED