

COMMERCIAL PRODUCT LINEUP





TABLE OF CONTENTS

1 / APPLICATION CHART

ALL-POSITION/STEER

2 / 101ZL Spec-2

2 / RY617

2 / 116R

3 / 108R

3 / 115R

3 / 124R

4 / RY023

4 / RY253

4 / 504C

5 / 505C

5 / 506U

DRIVE

6 / BluEarth® 718L

6 / 709ZL

6 / 714R

7 / 715R

7 / 720R

8 / TY517 MC²

8 / TY527

9 / 907W

9 / LY053

10 / BluEarth® 709L UWB

10 / 902L UWB

10 / 716U UWB

TRAILER

11 / BluEarth® 109L UWB

11 / 114R UWB

12 / BluEarth® 109L

12 / 114R

13 / 121T

LIGHT TRUCK COMMERCIAL

13 / TY303A

14-18 / SPECIFICATION DATA

19 / ORIGINAL TREAD DEPTH & LOAD RANGES

20-21 / LOAD / INFLATION PRESSURE TABLES



It's in Our DNA

Our innovative business philosophy, SmartSolution,[®] is our commitment to meeting the most essential demands of today's fleets: Longevity, Efficiency, Availability and Dependability.



BluEarth[®]

The BluEarth brand is reserved for Yokohama's most environmentally-friendly tires engineered with advanced technologies focused on fuel efficiency and performance.



Maximized Conservation Concept

The MC² concept reduces the effects of heat on the tread and casing, enabling longer tread life and maximum fuel savings.



Severe Snow Rated

Yokohama tires marked with this symbol meet the industry's required performance criteria for severe snow service.



SmartWay[®] Verified

Yokohama offers a number of tires designed to meet SmartWay's stringent low rolling resistance criteria.



Made in the U.S.A.

Many Yokohama commercial truck tires are proudly made in the United States of America.

YOKOHAMA COMMERCIAL PRODUCT LINE BY APPLICATION

	Long-Haul			Regional-Haul			Pick-Up & Delivery		On/Off-Highway	
	Premium	Standard	Ultra Wide Base	Premium	Standard	Wide Base/ Ultra Wide Base	Conventional	Low Profile	Conventional	Wide Base/ Ultra Wide Base
All-Position/ Steer	101ZL Spec-2	RY617		116R	108R	505C RY253	116R 108R	124R 115R	504C 506U (Waste)	505C
Drive	BluEarth 718L 709ZL	TY517 MC ² 907W	BluEarth 709L UWB 902L UWB	715R TY527	TY517 MC ² 907W	505C 716U UWB	TY517 MC ² 715R	714R 720R	504C LY053	505C 716U UWB
Trailer	BluEarth 109L		BluEarth 109L UWB	114R	116R 108R	114R UWB RY253	114R	121T	504C	114R UWB RY253



101ZL Spec-2™

Long-Haul, All-Position/Steer



TRUCK
STEEL RADIAL

An advanced casing profile that supports a wider belt package and delivers a more uniform footprint.

Pliable high-elongation tread compound helps withstand the wear and tear caused by the lateral forces unique to steer tire positions.

Contact pressure equalizer sipes optimize rib contact pressure to combat uneven wear and improve wet handling and braking.

Stress equalizer ribs ensure even shoulder edge contact pressure to the road and reduce shoulder step-down wear.

Premium casing is our most resilient ever and includes an H load range that offers increased load capacity so you can carry more freight on every trip.

SmartWay®
Verified



RY617™

Long-Haul, All-Position/Steer



TRUCK
STEEL RADIAL

Five-rib tread designs equipped with 6,000 stress control sipes provide excellent water evacuation and uniform wear.

Variable contour groove wall provides added rib stiffness that further combats uneven treadwear.

Stress control grooves reduce contact pressure at the tread edge, providing increased resistance to shoulder step-down wear and promoting long even wear, particularly at the shoulder area.

Rock shield platforms reduce stone and debris penetration for improved casing life, durability, and retreadability.

SmartWay®
Verified



116R™

Regional Haul, Super-Regional Haul



TRUCK
STEEL RADIAL

Solid shoulder ribs resist tearing and provide uniform surface pressure to resist irregular wear.

Multi-siped rib edges relieve pressure on the ribs to help fight river wear.

Deep siping lasts the life of the tread to provide long-lasting traction.

High center ribs significantly reduce rolling resistance for increased fuel-efficiency.

Advanced compound provides rolling resistance so low, the 116R exceeds GHG Phase II MY2027 verification standards.

SmartWay®
Verified

Made in the
USA

*See Specification Data for details

REPLACEMENT GUIDE

Yokohama | 101ZL Spec-2

REPLACES

Michelin | X Line Energy Z

Goodyear | Endurance LHS

Bridgestone | R284 Ecopia

Yokohama | RY617

REPLACES

Michelin | X Multi Energy Z

Goodyear | Marathon LHS

Bridgestone | R283S Ecopia

Yokohama | 116R

REPLACES

Michelin | X Multi Energy Z

Goodyear | FM RSA

Bridgestone | R268 Ecopia



108R™

Regional-Haul, All-Position/Steer



**TRUCK
STEEL RADIAL**

Specially designed shoulder optimizes shape to reduce shoulder ripping and tearing in abrasive applications, effectively lowering your cost per mile.

Premium casing is our most resilient ever and includes a 16-ply rating that offers increased load capacity so you can carry more freight on every trip.

Sidewall abrasion guard reduces damage to the sidewall caused by accidental curbing and scrubbing in urban applications.

Rock shield platforms reduce stone and debris penetration for improved casing life, durability, and retreadability.

**SmartWay
Verified**



115R™

Pick-Up/Delivery, All-Season, 19.5, All-Position



**TRUCK
STEEL RADIAL**

Durable casing construction rated for speeds up to 87 MPH.

Advanced heat resistant compound increases tread life and optimizes fuel economy.

Middle wing blocks with tie-bar connectors control block movement to resist wear and reduce rolling resistance.

Wide lateral grooves provide increased traction on wet or snow-covered roads.

Deep, serpentine circumferential grooves maintain aggressive traction throughout the life of the original tread.

Sidewall protection defends against damage caused by curbing and scrubbing in typical urban operations.



124R™

Regional-Haul, All-Position



**TRUCK
STEEL RADIAL**

Deeply-siped ribs provide outstanding wet and snow braking creating traction so powerful the 124R carries the severe snow service designation.

Four wavy circumferential grooves promote even wear and provide optimized traction in wet and snow.

Extra wide tread promotes better dispersal of contact pressure with the road to deliver longer tread life.

Rigid shoulder ribs reduce shoulder step-down wear and enhance driving stability.

Rock shield platforms reduce stone and debris penetration for improved casing life, durability, and retreadability.

*6 year unlimited retread casing warranty on all 17.5" and 19.5" sizes. 7 year unlimited retread casing warranty on all 22.5" sizes.



*See Specification Data for details

REPLACEMENT GUIDE

Yokohama | 108R

REPLACES

Michelin | X Multi Energy Z2

Goodyear | Endurance RSA

Bridgestone | R268 Ecopia

Yokohama | 115R

REPLACES

Michelin | Agelis HD Z

Continental | HSR+

Toyo | M920

Yokohama | 124R

REPLACES

Michelin | XZE, X Multi Z

Goodyear | Endurance RSA, G647 RSS

Bridgestone | R238



RY023™

Regional Highway, All-Position



TRUCK
STEEL RADIAL

Sidewall abrasion guard reduces damage to the sidewall caused by curbing and other accidental scrubbing.

Five-rib tread pattern with semi-rounded shoulders reduces the potential for shoulder ripping and tearing while enhancing lateral stability, water dispersion and traction.

Rock shield platforms reduce stone and debris penetration for improved casing life, durability, and retreadability.

Hexagonal bead base allows for easier mounting and even pressure along the entire circumference of the wheel for smooth rolling as well as increased driver comfort.



RY253™

On-Highway, Wide Base, All-Position



TRUCK
STEEL RADIAL

Heat-resistant tread compound minimizes heat generation.

Six-rib tread design provides superior traction on wet roads, a smooth ride and even wear.

Wide, rigid shoulder ribs help prevent sidewall cutting and scuffing.

Special risers in the groove corners and rock shield platforms reduce stone penetration for improved casing life.

Specially reinforced bead construction increases bead area durability for high-load operations and retreadability.



504C™

On/Off-Highway, All-Position



TRUCK
STEEL RADIAL

Wide tread provides a more stable footprint for long original tread life, better traction, excellent wet braking and easier retreadability.

Circumferential grooves allow for better water evacuation throughout the original tread life.

Funnel-shaped step grooves prevent stones and other debris from reaching the bottom of the groove where casing damage can occur.

High strength belt construction protects against rust and stone penetration while minimizing heat generation.



*See Specification Data for details

REPLACEMENT GUIDE

Yokohama | RY023

REPLACES

Goodyear | Marathon RSS

BF Goodrich | ST230

Firestone | FS 561/ FS560

Yokohama | RY253

REPLACES

Michelin | XZE, X MULTI HL Z

Bridgestone | R244

Yokohama | 504C

REPLACES

Michelin | X Works Z

Goodyear | G751 MSA

Bridgestone | M853



505C™

On/Off-Highway, All-Position



TRUCK
STEEL RADIAL

Wide tread pattern delivers longer tread life and increased traction.

Special anti-chip tread compound strengthens on- and off-highway durability.

Wide blocks and ribs provide outstanding traction in mud and snow.

Wide circumferential grooves efficiently evacuate water from beneath the tread for powerful wet braking.

Wavy lateral grooves are precisely engineered to provide additional wet traction.

Funnel-shaped step grooves prevent stone and other debris from reaching the bottom of the groove where casing damage can occur.

High-strength belt construction enhances durability in off-highway applications.



506U™

On/Off-Highway, Waste/Sanitation, All-Position



TRUCK
STEEL RADIAL

A wider tread created specifically for urban use incorporates a wide outside rib to resist tearing.

Rock shield platforms throughout the center grooves reduce stone and debris penetration for improved casing life, durability, and retreadability.

An extra thick sidewall resists damage from curbs and potholes.

A new advanced tread compound resists scrubbing, cutting, and chipping for long original tread life.

Durable construction assures maximum retreadability and is backed by our six-year, unlimited retread casing warranty.

Zig-zag circumferential grooves enhance water evacuation and provide added traction throughout the original tread life.

REPLACEMENT GUIDE

Yokohama | 505C

REPLACES

Michelin | XZY 3 Wide Base

Goodyear | G296 MSA

Bridgestone | M864, R244

Yokohama | 506U

REPLACES

Michelin | XZU S2

Goodyear | Endurance WHA

Bridgestone | M870



BluEarth® 718L

Long-Haul, Drive



TRUCK
STEEL RADIAL

Connected tread stabilizes tread blocks resisting heel-and-toe wear.

Contoured groove wall adds stiffness to reduce irregular wear and resist stone drilling, extending the life of the tire.

Sloped narrow groove supports groove base stabilization, while maintaining both wet and dry traction, reducing rolling resistance.

Deeper lug-grooves at the middle tread area give longer-lasting traction throughout the life of the tire.

Shallow shoulder lug-grooves provide stiffness within the shoulder blocks, preventing irregular shoulder wear.

SmartWay
Verified



709ZL™

Long-Haul, Drive



TRUCK
STEEL RADIAL

26/32" tread depth minimizes tread block movement for stability on the road and maximum fuel efficiency.

Tie-bar connectors increase block rigidity and reduce heel/toe wear for greater stability.

Z-blocks create multiple biting edges, providing aggressive all-season traction without sacrificing treadwear.

Funnel-shaped step grooves prevent stones and other debris from reaching the bottom of the groove where casing damage can occur.

SmartWay
Verified



714R™

Pick-up/Delivery, Drive



TRUCK
STEEL RADIAL

Wide lateral grooves provide excellent traction in wet or snow conditions.

A newly designed wide tread pattern controls the ground contact pressure to deliver long original tread life.

Tie-bar connectors control block movement to minimize heel/toe wear.

Funnel-shaped step grooves prevent stones and other debris from reaching the bottom of the groove where casing damage can occur.

An advanced compound provides significantly lower rolling resistance for improved fuel efficiency.



REPLACEMENT GUIDE

Yokohama | BluEarth 718L

REPLACES

Michelin | X Line Energy D+

Goodyear | Fuel Max LHD2

Bridgestone | M713 Ecopia

Yokohama | 709ZL

REPLACES

Michelin | X Line Energy D

Goodyear | Fuel Max LHD, LHD2

Bridgestone | M710 Ecopia, M713 Ecopia

Yokohama | 714R

REPLACES

Michelin | XDS 2, X Multi D

Goodyear | G622RSD 19.5

Continental | HDR+



715R™

Regional-Haul, Drive



TRUCK
STEEL RADIAL

Sturdy shoulder blocks are precisely spaced for outstanding traction and to minimize retention of foreign objects.

Aggressive tread pattern provides outstanding all-season traction—even in the snow.

26/32" tread depth with strategically placed tie bars controls block movement and significantly minimizes heel/toe wear.

H load range to carry heavier payloads with ease.

Fuel-efficient compound is cut and chip resistant and reduces rolling resistance for more efficient operation.

SmartWay
Verified



Made in the
USA



720R™

Regional-Haul, Pick-Up & Delivery 19.5, Drive



TRUCK
STEEL RADIAL

New casing design is N-Speed rated, allowing for speeds up to 87 MPH.

Wide lateral grooves run diagonally across the center rib for improved wet and snow traction.

Deep open shoulder lug grooves provide high traction and fight irregular wear.

An 18/32" tread depth provides aggressive traction and longer wear without sacrificing fuel efficiency.

Sidewall protection reduces damage caused by curbing and scrubbing in typical urban operations.

Funnel-shaped step-grooves prevent stones and debris from reaching the bottom of the groove where casing damage can occur.



*See Specification Data for details

REPLACEMENT GUIDE

Yokohama | 715R

REPLACES

Michelin | X Multi D, X Multi Energy D

Goodyear | Fuel Max RTD

Continental | Hybrid HD3

Yokohama | 720R

REPLACES

Continental | HDR



TY517 MC²™

Long- and Regional-Haul, Drive



TRUCK
STEEL RADIAL

28/32" original tread depth delivers long wear and road-grabbing power for the long haul without any compromises in traction.

Extra-wide circumferential grooves are self-cleaning and V-shaped for improved water dispersion, lateral stability and long, even wear.

Advanced tread compound technology reduces heat, provides longer wear, and reduces rolling resistance.

Tapered center groove reduces tread-stone damage.

Solid outer shoulder block contributes to flat, even wear.



SmartWay
Verified



TY527™

Long- and Regional-Haul, Drive



TRUCK
STEEL RADIAL

32/32" original tread depth and special cap compound ensure long wear without sacrificing durability.

Temperature controlling cap compound fights heat generation.

Distinct directional tread promotes even wear and exceptional traction.

Funnel-shaped step grooves prevent stones and other debris from reaching the bottom of the groove where casing damage can occur.

REPLACEMENT GUIDE

Yokohama | TY517 MC²

REPLACES

Goodyear | Marathon LHD

Continental | HDL2

BF Goodrich | DR454

Yokohama | TY527

REPLACES

Michelin | XDA5+

Goodyear | G572 1AD

Bridgestone | M726 ELA



907W™

Extreme Traction, Drive



TRUCK
STEEL RADIAL

27/32" tread depth provides longer lasting snow performance and longer original tread life.

Advanced new compound resists scrubbing, cutting and chipping for long, durable service.

Combination blocks combat heel/toe wear and enhance traction.

Power ribs with 3D sipes provide firm ground contact and improved ice and snow performance.

Four zig-zag grooves allow for efficient water evacuation while providing enhanced radial and lateral traction in the most extreme weather conditions.



LY053™

On/Off-Highway, Drive



TRUCK
STEEL RADIAL

Aggressive lug design with large blocks at tread center provides excellent traction and braking on rough roads with mud or gravel. It also enhances the self-cleaning ability of the tread.

Wide tread footprint combined with a 31/32" tread depth ensures excellent tire mileage.

Thick undertread helps dissipate heat and allows the casing to operate at cooler temperatures.

Steel cord top belt helps protect against penetration damage and rust while minimizing tread distortion and heat generation.

Special compound resists fatigue, chipping, and scaling in rugged off-road conditions.

REPLACEMENT GUIDE

Yokohama | 907W

REPLACES

Michelin | XDN2, XDS2 Grip

Continental | HDW2

Goodyear | G622 RSD

Yokohama | LY053

REPLACES

Michelin | XDY-EX2, X-Works XDY

Goodyear | Workhorse MSD

Bridgestone | L317, M799, L320



BluEarth® 709L UWB

Long-Haul, Drive



TRUCK
STEEL RADIAL

Advanced compounding and unique tread design are resistant to heat buildup for improved wear resistance and fuel efficiency.

Zero-degree belt is the key component to our highly durable casing, creating a consistently stable footprint for long, even wear.

Z-block design creates countless biting edges that provide outstanding grip during acceleration, and unique tie-bar connectors increase block rigidity to reduce heel/toe wear.

Seven circumferential grooves efficiently evacuate water from beneath the tread to maximize contact with the road.



SmartWay
Verified



902L™ UWB

Long- and Regional-Haul, Drive



TRUCK
STEEL RADIAL

27/32" tread depth delivers maximum traction and extra-long tread life.

Zero-degree belt provides even weight distribution for a stable footprint and increased tread life.

Small block and sipe combo is engineered to reduce wear and improve fuel efficiency.

Advanced rubber compound reduces heat generation to optimize fuel economy.

Casing is created specifically to reduce tire strain, prevent casing growth and maximize retreadability.

Dual sipes improve acceleration and braking on ice.



SmartWay
Verified



716U™ UWB

Regional, On/Off-Highway, Drive



TRUCK
STEEL RADIAL

Ultra wide base tire with a 22 ply-rating (Load Range M) allows for larger payloads per trip for increased profitability.

Powerful zig-zag grooves enhance traction and wet weather grip by efficiently evacuating water away from the tread.

Advanced compound resists scrubbing, cutting and chipping for long original tread life.

Zero degree belt adds stability for a consistently stable footprint and long, even wear.

Funnel shaped step grooves prevent stones and debris from reaching the bottom of the groove where casing damage can occur.

Extremely durable casing with an extra thick sidewall resists damage from potholes and curbing and allows for increased retreadability.

REPLACEMENT GUIDE

Yokohama | BluEarth 709L UWB

REPLACES

Michelin | X One Line Energy D

Goodyear | Fuel Max SSD

Bridgestone | Greatec M835A Ecopia

Yokohama | 902L UWB

REPLACES

Michelin | X One Line Grip D

Goodyear | Fuel Max SSD

Yokohama | 716U UWB

REPLACES

Michelin | X One XZY3, X One XZUS

Bridgestone | Greatec M845



BluEarth® 109L UWB

Long-Haul, Trailer



TRUCK
STEEL RADIAL

Fuel-efficient tread compound provides one of the lowest RRCs in the category without sacrificing treadwear.

Optimized tread pattern with seven circumferential grooves rolls smoothly for improved fuel efficiency.

Zero-degree belt assures a consistently stable footprint for long, even wear.

Optimized sipes greatly improve traction for powerful braking in inclement conditions.



SmartWay
Verified



114R™ UWB

Regional-Haul, Trailer



TRUCK
STEEL RADIAL

16/32" tread depth delivers maximum efficiency and extra-long tread life.

Zero-degree belt creates a consistently stable footprint for long, even wear.

Advanced compound offers cut and chip resistance without sacrificing rolling resistance or wear performance.

Funnel-shaped step grooves prevent stones and other debris from reaching the bottom of the groove where casing damage can occur.

Tread pattern uniformly distributes contact pressure resulting in improved stability, tracking, and fuel efficiency.

SmartWay
Verified

REPLACEMENT GUIDE

Yokohama | BluEarth 109L UWB

REPLACES

Michelin | X One Line Energy T

Bridgestone | Greatec R197 Ecopia

Yokohama | 114R UWB

REPLACES

Michelin | X One Multi Energy T

Bridgestone | Fuel Max SST



BluEarth® 109L

Long-Haul, Trailer



TRUCK
STEEL RADIAL

Advanced stress control groove resists shoulder damage from sharp turns or accidental curbing.

Optimized tread pattern resists scaling in lateral slides common in tight maneuvers.

State-of-the-art compound resists wear and provides one of the lowest RRCs in the category.

Compact tread blocks roll smoothly for greater fuel efficiency, while the five-rib design assures superior tracking.



SmartWay
Verified

Made in the
USA



114R™

Regional, Trailer



TRUCK
STEEL RADIAL

Round shoulder ribs are specifically designed to resist curb damage and help reduce wear—especially in spread axle applications.

High-scrub compound formulated to resist tread cutting and chipping without producing a negative impact on fuel efficiency.

Optimized tread depth to deliver maximum fuel efficiency and long-lasting service.

Sturdy rib design provides flawless tracking and improved fuel efficiency while minimizing tread wear.

Funnel-shaped step grooves prevents stones and other debris from reaching the bottom of the groove where casing damage can occur.

SmartWay
Verified

Made in the
USA

*See Specification Data for details

REPLACEMENT GUIDE

Yokohama | BluEarth 109L

REPLACES

Michelin | X Line Energy T

Goodyear | Fuel Max LHT

Bridgestone | R197 Ecopia

Yokohama | 114R

REPLACES

Michelin | XTE

Goodyear | G619 RST

Continental | HT3 Hybrid



121T™

Regional, 17.5" Trailer



TRUCK
STEEL RADIAL

Three-groove tread pattern assures reduced rolling resistance and pattern noise for a quiet, fuel-efficient ride.

Serpentine grooves efficiently remove water from beneath the tread and maximize traction on wet and snowy roads.

Precisely engineered concave lug features provide additional traction under wet or slippery road conditions.

Rigid shoulder design reduces the chance for shoulder step-down wear and improves straight line stability.

Funnel-shaped step grooves prevent stones and debris from reaching the bottom of the groove where casing damage can occur.



FREE ROLLING TIRE (FRT)
For use on trailer axles only.



TY303A™

Highway, All-Steel, Radial Traction, Drive

LIGHT
TRUCK COMMERCIAL

Special tread compound generates fuel efficiency and long tread life.

Advanced arrangement of shoulder lug grooves promote flat, even treadwear.

Rib-block tread design combined with a deep tread depth provide low rolling resistance, outstanding traction on snow and muddy terrains and excellent durability.

REPLACEMENT GUIDE

Yokohama | 121T

REPLACES

Michelin | XMT2

Goodyear | G114LHT

Continental | HTR2

Yokohama | TY303A

REPLACES

Goodyear | Armor Max G971

Toyo | M 608-Z

TIRE SIZE	PART NUMBER	LOAD RANGE (P.R.)	TIRE WEIGHT (LBS)	RIM SIZE (INCH)		INFLATED DIMENSIONS		TREAD DEPTH (1/32")	LOADED DIMENSIONS		RPM	MAX LOAD CAPACITY AT COLD INFLATION PRESSURE		MAX SPEED (MPH)
				MEASURE	ALT	OVERALL WIDTH (INCH)	OVERALL DIAMETER (INCH)		OVERALL WIDTH (INCH)	STATIC RADIUS (INCH)		LB/PSI SINGLE	LB/PSI DUAL	
101ZL Spec-2														
295/75R22.5	120171121	16H	119.0	9.00	8.25	11.5	40.0	18	12.5	18.7	522	7160@120	6610@120	75
11R22.5	120171122	16H	120.2	8.25	7.50	11.0	41.3	18	12.1	19.3	505	6610@120	6005@120	75
285/75R24.5	120171129	14G	122.4	8.25	7.50 - 9.00	11.1	41.3	18	12.0	19.3	505	6780@120	6175@120	75
11R24.5	120171124	16H	128.1	8.25	7.50	11.1	43.3	18	12.3	20.2	481	7160@120	6610@120	75
RY617														
295/75R22.5*	120161721	16H	110.4	9.00	8.25	11.6	40.1	18	12.6	18.7	520	6610@120	6005@120	75
11R22.5*	120161722	16H	116.4	8.25	7.50	10.9	41.4	18	12.0	19.3	504	6610@120	6005@120	75
285/75R24.5*	120161703	14G	114.9	8.25	7.50 - 9.00	11.0	41.3	18	12.0	19.4	504	6175@110	5675@110	75
11R24.5*	120161724	16H	124.1	8.25	7.50	11.1	43.4	18	12.2	20.3	480	7160@120	6610@120	75
116R														
11R22.5*	120111602	16H	120.8	8.25	7.50	11.0	41.6	20	12.1	19.4	502	6610@120	6005@120	75
295/75R22.5*	120111601	16H	113.1	9.00	8.25	11.4	40.2	20	12.5	18.7	520	7160@120	6610@120	75
11R24.5*	120111604	16H	129.6	8.25	7.50	11.1	43.5	20	12.2	20.3	479	7160@120	6610@120	75
108R														
295/75R22.5*	120110831	16H	116.6	9.00	8.25	11.6	40.3	22	12.6	18.9	517	7160@120	6610@120	75
11R22.5*	120110832	16H	118.4	8.25	7.50	10.9	41.6	22	12.0	19.4	502	6610@120	6005@120	75
285/75R24.5*	120110827	14G	119.2	8.25	7.50 - 9.00	11.1	41.5	22	12.0	19.5	501	6175@110	5675@110	75
11R24.5*	120110834	16H	121.7	8.25	7.50	11.0	43.7	22	12.1	20.4	478	7160@120	6610@120	75
115R														
225/70R19.5	120111501	14G	66.9	6.75	6.00	8.9	31.8	16	9.6	14.8	656	3970@110	3750@110	87
124R														
215/75R17.5	120112401	14G	59.5	6.00	6.75	8.5	30.5	14	9.7	13.7	696	3750@102	3530@102	81
235/75R17.5	120112402	14G	64.8	6.75	7.50	9.4	31.5	15	10.6	14.3	671	4410@112	4190@112	81
225/70R19.5	120112414	14G	66.3	6.75	6.00	8.9	31.8	17	9.6	14.9	654	3970@110	3750@110	87
245/70R19.5	120112404	16H	78.9	7.50	6.75	9.7	33.4	17	10.9	15.2	632	4940@120	4675@120	81
265/70R19.5	120112405	14G	85.3	7.50	6.75	10.3	34.2	17	11.5	15.6	617	5510@112	5205@112	81
285/70R19.5	120112406	16H	91.9	8.25	7.50	11.2	35.1	17	12.4	16.0	601	6610@131	6175@131	81
255/70R22.5*	120112416	16H	89.2	7.50	6.75 - 8.25	9.8	36.7	19	10.7	17.2	567	5510@120	5070@120	81
275/70R22.5	120112415	18J	111.2	8.25	7.50	10.8	38.1	19	11.8	17.7	548	6940@131	6395@131	81
295/80R22.5	120112411	18J	133.1	9.00	8.25	11.9	41.6	20	13.1	19.3	503	8270@123	7160@123	81
315/80R22.5	120112412	20L	146.4	9.00	9.75	12.4	42.5	20	13.6	19.7	492	9090@130	8270@130	75

*Made in the U.S.A.

TIRE SIZE	PART NUMBER	LOAD RANGE (P.R.)	TIRE WEIGHT (LBS)	RIM SIZE (INCH)		INFLATED DIMENSIONS		TREAD DEPTH (1/32")	LOADED DIMENSIONS		RPM	MAX LOAD CAPACITY AT COLD INFLATION PRESSURE		MAX SPEED (MPH)
				MEASURE	ALT	OVERALL WIDTH (INCH)	OVERALL DIAMETER (INCH)		OVERALL WIDTH (INCH)	STATIC RADIUS (INCH)		LB/PSI SINGLE	LB/PSI DUAL	
RY023														
295/75R22.5*	120102391	16H	114.8	9.00	8.25	11.1	40.2	19	12.1	18.7	520	6610@120	6005@120	75
11R22.5*	120102392	16H	117.6	8.25	7.50	10.8	41.4	19	12.0	19.3	504	6610@120	6005@120	75
285/75R24.5*	120102390	14G	117.0	8.25	7.50 - 9.00	10.9	41.4	19	11.8	19.2	503	6175@110	5675@110	75
11R24.5*	120102394	16H	125.4	8.25	7.50	10.7	43.4	19	11.9	20.0	483	7160@120	6610@120	75
RY253														
385/65R22.5	120125301	18J	171.4	11.75	12.25	14.8	42.3	19	15.7	19.6	495	9370@120	-	75
425/65R22.5	120125304	20L	198.3	13.00	14.00	16.5	44.3	19	17.6	20.5	473	11400@120	-	65
445/65R22.5	120125302	20L	220.2	14.00	13.00	17.7	45.7	20	18.9	21.0	459	12300@120	-	65
504C														
11R22.5*	120150432	16H	125.2	8.25	7.50	11.0	42.0	24	12.1	19.7	496	6610@120	6005@120	68
255/70R22.5*	120150441	16H	91.0	7.50	6.75 - 8.25	9.8	36.8	20	10.8	17.2	567	5510@120	5070@120	68
275/70R22.5	120150442	18J	114.4	8.25	7.50	10.9	38.3	22	11.9	17.8	546	6940@131	6395@131	68
11R24.5*	120150434	16H	134.8	8.25	7.50	11.1	44.0	24	12.2	20.6	473	7160@120	6610@120	68
505C														
385/65R22.5	120150521	18J	158.5	11.75	12.25	15.0	42.6	23	16.3	19.5	494	9370@120	-	68
425/65R22.5	120150522	20L	198.2	12.25	13.00 - 14.00	16.3	44.5	23	17.6	20.4	472	11400@120	-	68
445/65R22.5	120150523	22M	221.9	13.00	14.00	17.3	45.7	24	18.6	21.0	460	12800@130	-	68
506U														
315/80R22.5	120150620	20L	157.6	9.00	9.75	12.5	42.8	23	13.9	19.7	491	10000@130	9090@130	68
BluEarth® 718L														
295/75R22.5	120171801	16H	120.8	9.00	8.25	11.6	40.4	24	12.6	18.9	516	6610@120	6005@120	75
11R22.5	120171802	16H	124.7	8.25	7.50	11.0	41.8	24	12.1	19.5	500	6610@120	6005@120	75
285/75R24.5	120171803	16H	126.0	8.25	7.50 - 9.00	11.1	41.8	24	12.1	19.5	499	6780@120	6175@120	75
11R24.5	120171804	16H	133.2	8.25	7.50	11.1	43.8	24	12.3	20.5	476	7160@120	6610@120	75
709ZL														
295/75R22.5*	120170901	14G	127.2	9.00	8.25	11.6	40.6	26	12.6	18.9	514	6175@110	5675@110	75
11R22.5*	120170902	14G	130.2	8.25	7.50	11.0	41.9	26	12.1	19.5	497	6175@105	5840@105	75
285/75R24.5*	120170903	14G	129.4	8.25	7.50 - 9.00	11.1	41.8	26	12.0	19.6	498	6175@110	5675@110	75
11R24.5*	120170904	14G	137.0	8.25	7.50	11.0	43.9	26	12.1	20.5	473	6610@105	6005@105	75

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TIRE SIZE	PART NUMBER	LOAD RANGE (P.R.)	TIRE WEIGHT (LBS)	RIM SIZE (INCH)		INFLATED DIMENSIONS		TREAD DEPTH (1/32")	LOADED DIMENSIONS		RPM	MAX LOAD CAPACITY AT COLD INFLATION PRESSURE		MAX SPEED (MPH)
				MEASURE	ALT	OVERALL WIDTH (INCH)	OVERALL DIAMETER (INCH)		OVERALL WIDTH (INCH)	STATIC RADIUS (INCH)		LB/PSI SINGLE	LB/PSI DUAL	
714R														
225/70R19.5	120171401	14G	67.7	6.75	6.00	8.9	32.0	19	9.6	14.9	652	3970@110	3750@110	75
245/70R19.5	120171402	16H	80.0	7.50	6.75	9.7	33.5	20	10.4	15.6	623	4940@120	4675@120	75
255/70R22.5	120171403	16H	95.2	7.50	6.75 - 8.25	9.8	37.1	25	10.6	17.4	561	5510@120	5070@120	81
715R														
295/75R22.5*	120171501	16H	118.1	9.00	8.25	11.5	40.7	26	12.6	19.1	512	6610@120	6005@120	75
11R22.5*	120171502	16H	123.5	8.25	7.50	11.0	42.0	26	12.1	19.7	495	6610@120	6005@120	75
285/75R24.5*	120171503	16H	124.7	8.25	7.50 - 9.00	11.1	42.0	26	12.0	19.7	495	6780@120	6175@120	75
11R24.5*	120171504	16H	132.8	8.25	7.50	11.1	44.0	26	12.2	20.7	473	7160@120	6610@120	75
720R														
225/70R19.5	120172010	14G	64.8	6.75	6.00	8.9	31.9	18	9.6	14.9	654	3970@110	3750@110	87
TY517 MC²														
295/75R22.5*	120151731	16H	119.4	9.00	8.25	11.6	40.8	28	12.6	19.0	512	6610@120	6005@120	75
11R22.5*	120151732	16H	124.7	8.25	7.50	11.0	42.1	28	12.1	19.7	495	6610@120	6005@120	75
285/75R24.5*	120151727	14G	124.0	8.25	7.50 - 9.00	10.9	42.0	28	12.1	19.7	496	6175@110	5675@110	75
11R24.5*	120151734	16H	133.3	8.25	7.50	11.1	44.1	28	12.3	20.6	473	7160@120	6610@120	75
TY527														
295/75R22.5	120152721	16H	129.1	9.00	8.25	11.1	41.0	32	12.2	19.2	512	6610@120	6005@120	75
11R22.5	120152722	16H	136.5	8.25	7.50	10.9	42.4	32	11.9	19.8	494	6610@120	6005@120	75
285/75R24.5	120152703	14G	130.8	8.25	7.50 - 9.00	10.8	42.3	32	11.8	19.8	495	6175@110	5675@110	75
11R24.5	120152724	16H	140.8	8.25	7.50	11.0	44.4	32	12.1	20.9	471	7160@120	6610@120	75
907W														
295/75R22.5	120190701	16L	125.0	9.00	8.25	11.5	40.7	27	12.5	19.0	513	6610@120	6005@120	75
11R22.5	120190702	16L	131.2	8.25	7.50	11.1	42.0	27	12.1	19.7	496	6610@120	6005@120	75
11R24.5	120190704	16L	141.3	8.25	7.50	11.1	44.0	27	12.3	20.6	474	7160@120	6610@120	75
LY053														
11R22.5	120105305	16H	139.6	8.25	7.50	10.7	42.2	31	11.6	19.8	494	6610@120	6005@120	65
11R24.5	120105306	16H	149.5	8.25	7.50	10.9	44.2	31	11.7	20.7	471	7160@120	6610@120	65
BluEarth® 709L UWB														
445/50R22.5	120170961	20L	199.7	14.00	15.00	17.5	40.1	24	18.5	18.7	519	10200@120	-	75

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TIRE SIZE	PART NUMBER	LOAD RANGE (P.R.)	TIRE WEIGHT (LBS)	RIM SIZE (INCH)		INFLATED DIMENSIONS		TREAD DEPTH (1/32")	LOADED DIMENSIONS		RPM	MAX LOAD CAPACITY AT COLD INFLATION PRESSURE		MAX SPEED (MPH)
				MEASURE	ALT	OVERALL WIDTH (INCH)	OVERALL DIAMETER (INCH)		OVERALL WIDTH (INCH)	STATIC RADIUS (INCH)		LB/PSI SINGLE	LB/PSI DUAL	
902L UWB														
445/50R22.5	120190281	20L	208.6	14.00	15.00	17.5	40.4	27	18.5	18.7	519	10200@120	-	75
455/55R22.5	120190282	20L	223.8	14.00	15.00	18.3	42.4	27	19.3	19.6	494	11000@120	-	75
716U UWB														
455/55R22.5	120171601	22M	213.9	14.00	15.00	18.3	42.2	23	17.2	19.5	497	11700@130	-	75
BluEarth® 109L UWB														
445/50R22.5	120110961	20L	176.4	14.00	15.00	17.6	39.5	13	18.6	18.2	528	10200@120	-	75
114R UWB														
445/50R22.5	120111480	20L	184.5	14.00	15.00	17.5	39.7	16	18.5	18.5	526	10200@120	-	75
455/55R22.5	120111481	20L	204.5	14.00	15.00	18.3	41.8	16	19.4	19.3	502	11000@120	-	75
BluEarth® 109L														
295/75R22.5*	120110901	14G	100.5	9.00	8.25	11.6	39.7	12	12.6	18.5	525	6175@110	5675@110	75
11R22.5*	120110902	14G	109.0	8.25	7.50	11.0	41.0	12	12.1	19.1	509	6175@105	5840@105	75
285/75R24.5*	120110903	14G	105.6	8.25	7.50 - 9.00	11.0	40.9	12	12.0	19.2	508	6175@110	5675@110	75
11R24.5*	120110904	14G	116.9	8.25	7.50	11.1	43.0	12	12.2	20.0	485	6610@105	6005@105	75
114R														
255/70R22.5*	120111482	16H	84.2	7.50	6.75 - 8.75	9.9	36.3	14	10.9	17.0	574	5510@120	5070@120	75
275/70R22.5	120111483	18J	99.4	8.25	7.50	10.7	37.7	14	11.7	17.5	555	6940@131	6395@131	75
295/75R22.5*	120111485	16H	105.4	9.00	8.25	11.4	40.0	16	12.4	18.6	522	6610@120	6005@120	75
11R22.5*	120111486	16H	111.1	8.25	7.50	11.0	41.3	16	12.1	19.3	505	6610@120	6005@120	75
285/75R24.5*	120111487	16H	109.7	8.25	7.50 - 9.00	10.9	41.2	16	11.9	19.2	507	6780@120	6175@120	75
11R24.5*	120111488	16H	119.4	8.25	7.50	11.1	43.3	16	12.2	20.2	482	7160@120	6610@120	75
121T														
215/75R17.5	120112104†	16H	62.2	6.00	6.75	8.4	30.6	15	9.2	14.1	686	4805@123	4540@123	68
235/75R17.5	120112105†	16H	71.0	6.75	7.50	9.4	31.7	15	10.4	14.5	665	6005@127	5675@127	68
245/70R17.5	120112106†	18J	78.7	7.50	6.75	9.8	31.3	15	10.6	14.4	670	6005@131	5675@131	68
TY303A														
215/75R17.5	140130309	14G	57.3	6.00	6.75	8.2	30.4	18	8.9	14.1	640	3750@105	3530@105	75

*Made in the U.S.A.

†Free Rolling Tire (FRT)

Must be used exclusively on trailer axles and not fitted in any other position. Yokohama will not be responsible for any potential warranty or liability claims involving FRT tires fitted outside these recommendations.



	101ZL Spec-2	RY617	116R	108R	115R	124R	RY023	RY253	504C	505C	506U	BluEarth 718L	709ZL	714R	715R
LT215/85R16															
215/75R17.5						G/14									
235/75R17.5						G/15									
245/70R17.5															
225/70R19.5					G/16	G/16								G/19	
245/70R19.5						H/17								H/20	
265/70R19.5						G/17									
285/70R19.5						H/17									
255/70R22.5						H/19	H/18		H/20					H/25	
275/70R22.5						J/19			J/22						
295/75R22.5	H/18	H/18	H/20	H/22			H/19					H/24	G/26		H/26
295/80R22.5						J/20									
315/80R22.5						L/20					L/23				
385/65R22.5							J/19		J/23						
425/65R22.5							L/19		L/23						
445/50R22.5															
445/65R22.5							L/20		M/24						
455/55R22.5															
10R22.5															
11R22.5	H/18	H/18	H/20	H/22			H/19		H/24			H/24	G/26		H/26
12R22.5															
285/75R24.5	G/18	G/18		G/22			G/19					H/24	G/26		H/26
11R24.5	H/18	H/18	H/20	H/22			H/19		H/24			H/24	G/26		H/26

	720R	TY517 MC ²	TV527	907W	LY053	BluEarth 709L UWB	902L UWB	716U UWB	BluEarth 109L UWB	114R UWB	BluEarth 109L	114R	121T	TY303A
LT215/85R16														
215/75R17.5													H/15	G/18
235/75R17.5													H/15	
245/70R17.5													J/15	
225/70R19.5	G/18													
245/70R19.5														
265/70R19.5														
285/70R19.5														
255/70R22.5													H/14	
275/70R22.5												J/14		
295/75R22.5		H/28	H/32	H/27							G/12	H/16		
295/80R22.5														
315/80R22.5														
385/65R22.5														
425/65R22.5														
445/50R22.5						L/24	L/27		L/13	L/16				
445/65R22.5														
455/55R22.5							L/27	M/23		L/16				
10R22.5														
11R22.5		H/28	H/32	H/27	H/31						G/12	H/16		
12R22.5														
285/75R24.5		G/28	G/32								G/12	H/16		
11R24.5		H/28	H/32	H/27	H/31						G/12	H/16		

LOAD / INFLATION PRESSURE TABLES

Tubeless		Tire Load Limits (lbs.) at Various Cold Inflation Pressures (psi) (Tire pressure is minimum for the load)										
Tire Size Designation		80	85	90	95	100	105	110	115	120	125	130
9R22.5	S	3730	3890	4080(E)	4235	4390	4540(F)	4675	4810	4940(G)		
	D	3550	3690	3860(E)	4005	4150	4300(F)	4425	4550	4675(G)		
10R22.5	S	4480	4675(E)	4850	5025	5205(F)	5360	5515	5675(G)			
	D	4230	4410(E)	4585	4760	4940(F)	5075	5210	5355(G)			
11R22.5	S	4990	5220	5510(F)	5730	5950	6175(G)	6320	6465	6610(H)		
	D	4760	4950	5205(F)	5415	5625	5840(G)	5895	5950	6005(H)		
11R24.5	S	5310	5550	5840(F)	6095	6350	6610(G)	6790	6970	7160(H)		
	D	5070	5260	5510(F)	5675	5840	6005(G)	6205	6405	6610(H)		
12R22.5	S	5450	5690	6005(F)	6205	6405	6610(G)	6870	7130	7390(H)		
	D	5190	5390	5675(F)	5785	5895	6005(G)	6265	6525	6780(H)		
215/75R17.5 126/124M (LR G)	S	3095	3250	3405	3555	3705	3750					
	D	2915	3060	3205	3345	3485	3530					
235/75R17.5 132/130M (LR G)	S	3360	3525	3690	3855	4015	4175	4335	4410			
	D	3190	3350	3505	3660	3815	3965	4115	4190			
245/70R17.5 136/134M (LR H)	S	3495	3670	3840	4010	4175	4345	4510	4670	4835	4940	
	D	3305	3470	3635	3795	3955	4110	4265	4420	4575	4675	
225/70R19.5	S	3195(E)	3315	3450	3640(F)	3715	3845	3970(G)				
	D	3000(E)	3115	3245	3415(F)	3490	3615	3750(G)				
245/70R19.5	S	3640	3740	3890	4080(F)	4190	4335	4540(G)	4620	4805(H)		
	D	3415	3515	3655	3860(F)	3940	4075	4300(G)	4345	4540(H)		
265/70R19.5	S	3970	4180	4355	4540	4685	4850	5070(G)				
	D	3750	3930	4095	4300	4405	4415	4675(G)				
285/70R19.5	S				4900	5115	5330	5540	5750	5960	**	
	D				4575	4775	4975	5175	5370	5565	**	
245/75R22.5	S	3860	3975	4140	4300	4455	4610	4675(G)				
	D	3525	3615	3765	3970	4055	4195	4300(G)				
265/75R22.5	S	4300	4440	4620	4805	4975	5150	5205(G)				
	D	3860	4040	4205	4410	4525	4685	4805(G)				
255/70R22.5	S	4190	4370	4550	4675	4895	5065	5205(G)	5400	5510(H)		
	D	3970	4110	4275	4410	4455	4610	4675(G)	4915	5070(H)		
275/70R22.5	S	4705	4940	5170	5400	5625	5850	6070	6290	6510	6725	6940(J)
	D	4335	4550	4765	4975	5185	5390	5595	5800	6000	6195	6395(J)
295/75R22.5 *Excludes 1012L Spec-2 & 100R Load Range H	S	4940	5155	5370	5510(F)	5780	5980	6175(G)	6370	6610(H)		
	D	4540	4690	4885	5070(F)	5260	5440	5675(G)	5795	6005(H)		
295/75R22.5 *Data only applies to 1012L Spec-2 & 100R Load Range H	S	4940	5155	5370	5510	5780	5980	6175(G)	6665	7160(H)		
	D	4540	4690	4885	5070	5260	5440	5675(G)	6140	6610(H)		
295/80R22.5	S	5550	5825	6100	6370	6635	6900	7160	7420	7675	*	
	D	4925	5170	5410	5650	5885	6120	6350	6580	6810	*	
315/80R22.5 506U	S		7450	7705	8045	8300	8555	8885	9125	9445	9610	10000(L)
	D		6770	7000	7310	7545	7775	8075	8295	8585	8735	9090(L)
315/80R22.5 *Excludes 506U	S	6175	6415	6670	6940	7190	7440	7610	7920	8270	8690	9090(L)
	D	5675	5840	6070	6395	6545	6770	6940	7210	7610	7910	8270(L)
285/75R24.5	S	4940	5210	5420	5675(F)	5835	6040	6175(G)	6440	6780(H)		
	D	4540	4740	4930	5205(F)	5310	5495	5675(G)	5860	6175(H)		

Wide Base, Tubeless		Tire Load Limits (lbs.) at Various Cold Inflation Pressures (psi) (Tire pressure is minimum for the load)									
Tire Size Designation		80	85	90	95	100	105	110	115	120	
385/65R22.5	S	6940	7350	7650	8050	8230	8510	8820	9050	9370(J)	
425/65R22.5	S	8270	8740	9100	9370	9790	10100	10500(J)	10700	11400(L)	
445/65R22.5	S	9090	9480	9870	10200	10600	11000	11400	11700	12300(L)	



LOAD / INFLATION PRESSURE TABLES

Ultra Wide Base, Tubeless		Tire Load Limits (lbs.) at Various Cold Inflation Pressures (psi) (Tire pressure is minimum for the load)								
Tire Size Designation		80	85	90	95	100	105	110	115	120
445/50R22.5	S	7310	7680	8030	8390	8740	9090	9370(J)	9780	10200(L)
455/55R22.5	S	7900	8290	8680	9060	9440	9820	10200(J)	10600	11000(L)

Light Truck Commercial, Tubeless		Tire Load Limits (lbs.) at Various Cold Inflation Pressures (psi) (Tire pressure is minimum for the load)											
Tire Size Designation		35	40	45	50	55	60	65	70	75	80	85	
LT215/85R16	S	1495	1640	1785	1940	2050	2180	2335(D)	2430	2550	2680(E)		
	D	1360	1490	1625	1765	1865	1985	2150(D)	2210	2320	2470(E)		

121T Free Rolling Trailer		Tire Load Limits (lbs.) at Various Cold Inflation Pressures (psi) (Tire pressure is minimum for the load)											
Tire Size Designation		80	85	90	95	100	105	110	115	120	125	130	131
215/75R17.5 135/133K (LR H)	S	3400	3570	3735	3900	4065	4225	4385	4545	4705	4805		
	D	3215	3375	3530	3685	3840	3995	4145	4295	4445	4540		
235/75R17.5 143/141K (LR H)	S	4155	4360	4565	4765	4965	5165	5360	5550	5745	5935	6005	
	D	3925	4120	4310	4505	4690	4880	5065	5245	5430	5610	5675	
245/70R17.5 143/141K (LR J)	S	4060	4260	4460	4660	4855	5045	5240	5430	5615	5805	-----	6005
	D	3835	4030	4215	4405	4585	4770	4950	5130	5305	5485	-----	5675

Tire load limits at various inflation pressures are based upon Tire and Rim Association (TRA) standards and tables, except where there is no specification established by the TRA. In these few cases, the tire design is based upon the European Tire and Rim Technical Organization (ETRTO) whose standards govern these tire designs. These tables are continually updated according to available standards. To obtain recommendations for tires run in non-standard applications, customers and dealers should contact the Yokohama Technical Service department.



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