

COMMERCIAL TRUCK AND BUS

# RADIAL TIRE DATA BOOK

**apollo**  
TIRES



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TIRES

apollo







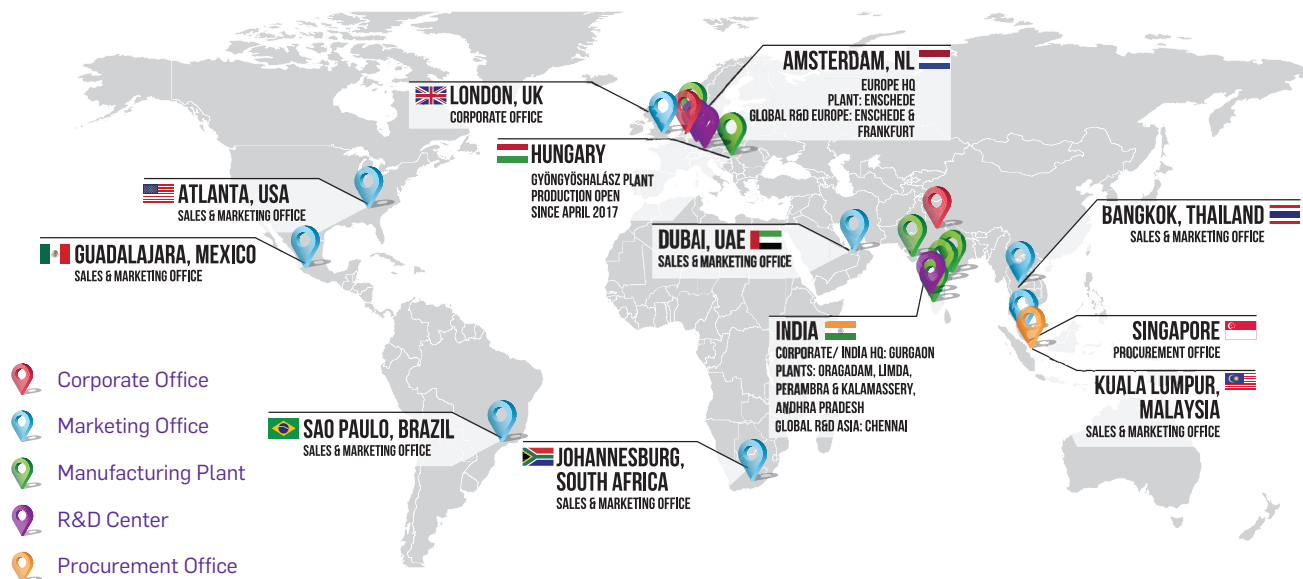
# CONTENTS

<b>4</b>	Apollo Tyres at a Glance
<b>6</b>	Segmentation
<b>10</b>	Longhaul Segment
<b>12</b>	Regional Segment
<b>16</b>	Mixed Service Segment
<b>18</b>	Technical Data
<b>22</b>	Speed Symbol
<b>24</b>	Load Inflation Chart
<b>28</b>	Retreading & Regrooving
<b>29</b>	Construction and Dimensions
<b>30</b>	Sidewall Markings
<b>32</b>	Warranty Terms

# APOLLO AT A GLANCE

## A NEW WORLD. A NEW GLOBAL BRAND.

Apollo Tyres Ltd is a global tire manufacturer, with manufacturing facilities in India, the Netherlands and Hungary. The company markets products under its two global brands - Apollo and Vredestein. While Apollo is a leading brand in India and other parts of the world. Vredestein is a premium brand in Europe and America. The company's products are available in over 100 countries. We are 41 years young, ambitious and we love challenges, be it from today's demanding auto OE's, our global competitors, or from equally uncompromising consumer, commercial or agricultural customers. Because every little thing we do works to ensure that you operate your car, truck, or piece of equipment safely every day.

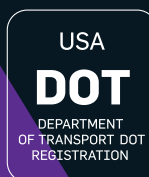






## **TECHNOLOGY DRIVES QUALITY**

We're always building a better tire for you. Tire engineers at our R&D Centers in Europe and India work with the latest advancements in tire technology. All raw materials used to manufacture the various components of an Apollo Commercial Radial Truck & Bus Tire are sourced from some of the world's most reputable suppliers. Once produced, every Apollo tire undergoes rigorous testing at our global, state-of-the-art facilities, involving stringent quality checks, before it is finally released for sale.



# OUR SEGMENT

## WHAT IS A PRODUCT SEGMENT?

A segment defines our product offering for customers with application specific requirements. Each product is a blend of both operating conditions and tire performance characteristics.

All Apollo commercial truck and bus radial tire names start with **Endu®**. This reflects both the endurance and durability of our premium long-wearing tires. Apollo has defined six segments for addressing our customer's application specific requirements.

Apollo has defined six segments for addressing specific customer requirements.

- R** = Regional
- M** = Mixed Service
- LH** = Longhaul
- U** = Urban
- C** = Coach
- S** = Specialty

We develop different patterns to address all axle positions:

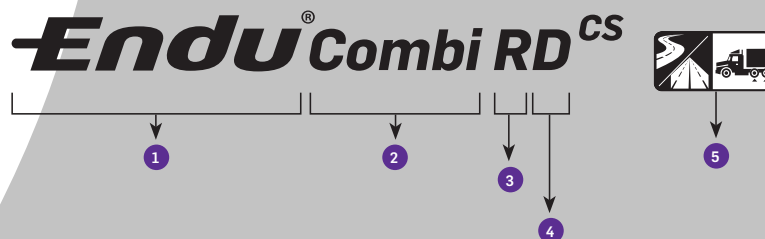
- A** = All Position
- S** = Steer
- D** = Drive
- T** = Trailer / FRT

## COMPARISON CHART

	LONGHAUL			REGIONAL	
					
	Steer	Drive	Trailer	All Position	
apollo TIRES	Endu®Mile LHfront	Endu®Mile LHD	Endu®Mile LHT	Endu®Combi RA	Endu®Combi RD <sup>CS</sup>
Michelin	X line Energy Z	X line Energy D	X Line Energy T	XZE2	X Multi Energy D
Bridgestone	R213 Ecopia	M713	R123 Ecopia	R268 Ecopia	M760
Goodyear	Endurance LHS	Fuel Max LHD2	Fuel Max LHT	Endurance LHS	Marathon RSD
Continental	Conti EcoPlus HS3+	HDL2 DL Eco Plus	Conti Eco Plus HT3	Conti HSL 3	HDL3 LTL
Yokohama	101zl Spec 2	709zl	BluEarth 109L	R108R	TY517MC2
Hankook	AH37	DL11	TL21	AH37	DL15
Toyo	M177	M677	M157	M171	M671A
Firestone	FS507 Plus	FD664	FT455 Plus	FS401	FD664
Falken	RI130 Ecorun	BI830	RI130	RI150	BI837

## ILLUSTRATION

1. Product category.
2. Operating segment.
3. Application.
4. Axle position/pattern design.
5. Position/Segment pictogram.



## ONAL

## MIXED

Drive	Drive	All Position	All Position	Drive
Endu®Combi RD <sup>OS</sup>	Endu®Combi RT	Endu®Trax MA	Endu®Trax MA <sub>HD</sub>	Endu®Trax MD
X Multi D	XTE	X Works , XZY3	XZY3	XDY3
M770	R196a	M853	M864, M853	L320
Fuel Max RTD	G619RST	G751 MSA	G731 MSA	G177 MSD
HDR2 Eco Plus	Conti Hybrid HT3	HTC1	HSC3	HDR2+
SY767	RY103	M507, M507C	M507	M504C
DL12	TH22	AM15+	DM09	AL21
M920A	M122	M153, M325	M325	M610
FD692	FT455 Plus	FS821	FS818	G282 MSD
SI1011	RI119 Ecorun	GI388	GI378	BI850



## LONGHAUL

## REGIONAL

## MIXED SERVICE

### STEER + ALL POSITION

22.5" 295/75R22.5 14/G EnduMile LHfront  
295/75R22.5 16/H EnduMile LHfront  
11R22.5 14/G EnduMile LHfront  
11R22.5 16/H EnduMile LHfront

24.5" 11R24.5 14/G EnduMile LHfront  
11R24.5 16/H EnduMile LHfront

22.5" 295/75R22.5 14/G EnduCombi RA  
295/75R22.5 16/H EnduCombi RA  
11R22.5 14/G EnduCombi RA  
11R22.5 16/H EnduCombi RA  
255/70R22.5 16/H EnduCombi RA  
275/70R22.5 18/J EnduCombi RA

24.5" 11R24.5 14/G EnduCombi RA  
11R24.5 16/H EnduCombi RA

22.5" 11R22.5 16/H EnduTrax MA  
12R22.5 16/H EnduTrax MA  
315/80R22.5 20/L EnduTrax MA  
385/65R22.5 22/M EnduTrax MA HD

24.5" 11R24.5 16/H EnduTrax MA

### DRIVE

22.5" 295/75R22.5 14/G EnduMile LHD  
295/75R22.5 16/H EnduMile LHD  
11R22.5 14/G EnduMile LHD  
11R22.5 16/H EnduMile LHD

24.5" 11R24.5 14/G EnduMile LHD  
11R24.5 16/H EnduMile LHD

22.5" 295/75R22.5 14/G EnduCombi RDCS  
295/75R22.5 16/H EnduCombi RDCS  
11R22.5 14/G EnduCombi RDCS  
11R22.5 16/H EnduCombi RDCS  
295/75R22.5 14/G EnduCombi RDOS  
295/75R22.5 16/H EnduCombi RDOS  
11R22.5 14/G EnduCombi RDOS  
11R22.5 16/H EnduCombi RDOS

24.5" 11R24.5 14/G EnduCombi RDCS  
11R24.5 16/H EnduCombi RDCS  
11R24.5 14/G EnduCombi RDOS  
11R24.5 16/H EnduCombi RDOS

22.5" 12R22.5 16/H EnduTrax MD  
315/80R22.5 20/L EnduTrax MD  
11R22.5 16/H EnduTuff SOD

### TRAILER

22.5" 295/75R22.5 14/G EnduMile LHT  
295/75R22.5 16/H EnduMile LHT  
11R22.5 14/G EnduMile LHT  
11R22.5 16/H EnduMile LHT

24.5" 11R24.5 14/G EnduMile LHT  
11R24.5 16/H EnduMile LHT

17.5" 215/75R17.5 16/H EnduCombi RT  
235/75R17.5 18/J EnduCombi RT  
245/70R17.5 18/J EnduCombi RT

22.5" 295/75R22.5 14/G EnduCombi RT  
295/75R22.5 16/H EnduCombi RT  
11R22.5 14/G EnduCombi RT  
11R22.5 16/H EnduCombi RT



\* Coming soon



# ENDURANCE AND **DURABILITY**





# LONGHAUL



## LONGHAUL STEER

A longhaul steer tire capable of delivering high mileage and multiple retreads.

**Endu<sup>®</sup>Mile LHfront**

SmartWay



PRODUCT CODE	SIZE	LI/SS	PLY RATING/ LOAD RANGE	SECTION WIDTH (INCH)	OVERALL DIAMETER (INCH)	TIRE WEIGHT LBS	ORIGINAL TREAD DEPTH (1/32")	STATIC LOADED RADIUS (INCH)	RECOMMENDED RIM WIDTH (INCH)	ALTERNATE RIM WIDTH (INCH)	ROLLING CIRCUMFERENCE (INCH)	REVS / MILE	LOAD DETAILS (LBS)	
													SINGLE	DUAL
2023101	295/75R22.5	144/141/L	14/G	11.5	40.0	116	18	18.7	9.00	8.25	121.8	513	6175 lbs @ 110 psi	5675 lbs @ 110 psi
2023100	295/75R22.5	149/146/L	16/H	11.5	40.0	116	18	18.7	9.00	8.25	121.8	513	7160 lbs @ 123 psi	6610 lbs @ 123 psi
*2023103	11R22.5	144/142/L	14/G	11.1	41.3	119	19	20.2	8.25	7.50	126.6	500	6175 lbs @ 105 PSI	5840 lbs @ 105 PSI
2023102	11R22.5	146/143/L	16/H	11.1	41.3	119	19	20.2	8.25	7.50	126.6	500	6610 lbs @ 120 PSI	6005 lbs @ 120 PSI
*2023105	11R24.5	146/143/L	14/G	11.0	43.3	128	19	20.2	8.25	7.50	132.9	477	6610 lbs @ 105 psi	6005 lbs @ 105 psi
2023104	11R24.5	149/146/L	16/H	11.0	43.3	128	19	20.2	8.25	7.50	132.9	477	7160 lbs @ 120 psi	6610 lbs @ 120 psi

\*Coming soon



# LONGHAUL DRIVE

A longhaul drive tire that delivers excellent mileage and enhanced fuel efficiency.

**Endu<sup>®</sup>Mile LHD**

SmartWay



PRODUCT CODE	SIZE	LI/SS	PLY RATING/ LOAD RANGE	SECTION WIDTH (INCH)	OVERALL DIAMETER (INCH)	TIRE WEIGHT LBS	ORIGINAL TREAD DEPTH (1/32")	STATIC LOADED RADIUS (INCH)	RECOMMENDED RIM WIDTH (INCH)	ALTERNATE RIM WIDTH (INCH)	ROLLING CIRCUMFERENCE (INCH)	REVS / MILE	LOAD DETAILS (LBS)	
													SINGLE	DUAL
2023301	295/75R22.5	144/141/L	14/G	11.4	40.3	127	23	18.7	9.00	8.25	121.8	509	6175 lbs @ 110 psi	5675 lbs @ 110 psi
2023300	295/75R22.5	149/146/L	16/H	11.4	40.3	127	23	18.7	9.00	8.25	121.8	509	7160 lbs @ 123 psi	6610 lbs @ 123 psi
*2023303	11R22.5	144/142/L	14/G	11.1	41.4	130	23	20.2	8.25	7.50	127.0	499	6175 lbs @ 105 PSI	5840 lbs @ 105 PSI
2023302	11R22.5	146/144/L	16/H	11.1	41.4	130	23	20.2	8.25	7.50	127.0	499	6610 lbs @ 120 PSI	6005 lbs @ 120 PSI
*2023305	11R24.5	146/143/L	14/G	11.1	43.7	139	23	20.2	8.25	7.50	133.4	475	6610 lbs @ 105 psi	6005 lbs @ 105 psi
2023304	11R24.5	149/146/L	16/H	11.1	43.7	139	23	20.2	8.25	7.50	133.4	475	7160 lbs @ 120 psi	6610 lbs @ 120 psi

# LONGHAUL TRAILER

A high mileage longhaul trailer tire

**Endu<sup>®</sup>Mile LHT**

SmartWay



PRODUCT CODE	SIZE	LI/SS	PLY RATING/ LOAD RANGE	SECTION WIDTH (INCH)	OVERALL DIAMETER (INCH)	TIRE WEIGHT LBS	ORIGINAL TREAD DEPTH (1/32")	STATIC LOADED RADIUS (INCH)	RECOMMENDED RIM WIDTH (INCH)	ALTERNATE RIM WIDTH (INCH)	ROLLING CIRCUMFERENCE (INCH)	REVS / MILE	LOAD DETAILS (LBS)	
													SINGLE	DUAL
2023605	295/75R22.5	144/141/L	14/G	11.3	39.8	103	12	18.7	9.00	8.25	121.8	518	6175 lbs @ 110 psi	5675 lbs @ 110 psi
2023604	295/75R22.5	149/146/L	16/H	11.3	39.8	103	12	18.7	9.00	8.25	121.8	518	7160 lbs @ 123 psi	6610 lbs @ 123 psi
*2023607	11R22.5	144/142/L	14/G	10.9	41.0	110	12	20.2	8.25	7.50	125.6	504	6175 lbs @ 105 PSI	5840 lbs @ 105 PSI
2023606	11R22.5	146/143/L	16/H	10.9	41.0	110	12	20.2	8.25	7.50	125.6	504	6610 lbs @ 120 PSI	6005 lbs @ 120 PSI
*2023609	11R24.5	146/143/L	14/G	11.0	42.8	119	13	20.2	8.25	7.50	131.7	481	6610 lbs @ 105 psi	6005 lbs @ 105 psi
2023608	11R24.5	149/146/L	16/H	11.0	42.8	119	13	20.2	8.25	7.50	131.7	481	7160 lbs @ 120 psi	6610 lbs @ 120 psi



# REGIONAL

## ALL POSITION

The Endu®Combi RA regional all position tire offers exceptional performance & casing durability.

**Endu®Combi RA**

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PRODUCT CODE	SIZE	LI/SS	PLY RATING/ LOAD RANGE	SEC-TION WIDTH (INCH)	OVERALL DIAMETER (INCH)	TIRE WEIGHT LBS	ORIGINAL TREAD DEPTH (1/32")	STATIC LOADED RADIUS (INCH)	RECOM-MENDED RIM WIDTH (INCH)	ALTERNATE RIM WIDTH (INCH)	ROLLING CIRCUM-FERENCE (INCH)	REVS / MILE	LOAD DETAILS (LBS)	
													SINGLE	DUAL
2021110	295/75R22.5	144/141/L	14/G	11.5	40.2	127	20	18.7	9.00	8.25	121.8	512	6175 lbs @ 110 psi	5675 lbs @ 110 psi
2021109	295/75R22.5	149/146/L	16/H	11.5	40.2	127	20	18.7	9.00	8.25	121.8	512	7160 lbs @ 123 psi	6610 lbs @ 123 psi
2021106	11R22.5	144/142/L	14/G	11.1	41.2	129	20	19.3	8.25	7.50	126.1	499	6175 lbs @ 105 psi	5840 lbs @ 105 psi
2021105	11R22.5	146/143/L	16/H	11.1	41.2	129	20	19.3	8.25	8.25	126.1	499	6610 lbs @ 120 psi	6005 lbs @ 120 psi
2021107	255/70R22.5	140/137/M	16/H	9.9	36.6	129	17	17.1	7.50	6.75	111.7	560	5510 lbs @ 120 psi	5070 lbs @ 120 psi
*2021108	275/70R22.5	148/145/L	18J	10.8	37.4	117	17	17.5	8.25	7.50	114.9	TBC	6940 lbs @ 130 psi	6395 lbs @ 130 psi
2021111	11R24.5	146/143/L	14/G	11.2	43.3	141	21	20.2	8.25	7.50	132.6	475	6610 lbs @ 105 psi	6005 lbs @ 105 psi
2021112	11R24.5	149/146/L	16/H	11.2	43.3	141	21	20.2	8.25	7.50	132.6	475	7160 lbs @ 120 psi	6610 lbs @ 120 psi

\*Coming soon

# REGIONAL DRIVE

The Endu®Combi RD<sup>CS</sup> is a long-wearing closed shoulder drive tire specifically developed for regional & super regional operations in the USA.

**Endu®Combi RD<sup>CS</sup>**

SmartWay

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PRODUCT CODE	SIZE	LI/SS	PLY RATING/ LOAD RANGE	SECTION WIDTH (INCH)	OVERALL DIAMETER (INCH)	TIRE WEIGHT LBS	ORIGINAL TREAD DEPTH (1/32")	STATIC LOADED RADIUS (INCH)	RECOMMENDED RIM WIDTH (INCH)	ALTERNATE RIM WIDTH (INCH)	ROLLING CIRCUMFERENCE (INCH)	REVS / MILE	LOAD DETAILS (LBS)	
													SINGLE	DUAL
2021303	295/75R22.5	144/141/L	14/G	11.5	40.4	138	25	18.7	9.00	8.25	121.8	510	6175 lbs @ 110 psi	5675 lbs @ 110 psi
2021302	295/75R22.5	149/146/L	16/H	11.5	40.4	138	25	18.7	9.00	8.25	121.8	510	7160 lbs @ 125 psi	6610 lbs @ 125 psi
2021301	11R22.5	144/142/L	14/G	11.1	41.4	139	25	19.3	8.25	7.50	126.1	497	6175 lbs @ 105 psi	5840 lbs @ 105 psi
2021300	11R22.5	146/143/L	16/H	11.1	41.4	139	25	19.3	8.25	7.50	126.1	497	6610 lbs @ 120 psi	6005 lbs @ 120 psi
2021305	11R24.5	146/143/L	14/G	11.2	43.5	148	24	20.2	8.25	7.50	132.6	473	6610 lbs @ 105 psi	6005 lbs @ 105 psi
2021304	11R24.5	149/146/L	16/H	11.2	43.5	148	24	20.2	8.25	7.50	132.6	473	7160 lbs @ 120 psi	6610 lbs @ 120 psi

# REGIONAL DRIVE

The Endu®Combi RD<sup>OS</sup> is a long-wearing regional open shoulder drive tire.

**Endu®Combi RD<sup>OS</sup>**

M + S



PRODUCT CODE	SIZE	LI/SS	PLY RATING/ LOAD RANGE	SECTION WIDTH (INCH)	OVERALL DIAMETER (INCH)	TIRE WEIGHT LBS	ORIGINAL TREAD DEPTH (1/32")	STATIC LOADED RADIUS (INCH)	RECOMMENDED RIM WIDTH (INCH)	ALTERNATE RIM WIDTH (INCH)	ROLLING CIRCUMFERENCE (INCH)	REVS / MILE	LOAD DETAILS (LBS)	
													SINGLE	DUAL
2021356	295/75R22.5	144/141/L	14/G	11.5	40.4	138	25	18.7	9.00	8.25	121.8	510	6175 lbs @ 110 psi	5675 lbs @ 110 psi
2021355	295/75R22.5	149/146/L	16/H	11.5	40.4	138	25	18.7	9.00	8.25	121.8	510	7160 lbs @ 123 psi	6610 lbs @ 123 psi
2021354	11R22.5	144/142/L	14/G	11.1	41.4	139	25	19.3	8.25	7.50	126.1	498	6175 lbs @ 105 psi	5840 lbs @ 105 psi
2021353	11R22.5	146/143/L	16/H	11.1	41.4	139	25	19.3	8.25	7.50	126.1	498	6610 lbs @ 120 psi	6005 lbs @ 120 psi
2021358	11R24.5	146/143/L	14/G	11.2	43.5	148	24	20.2	8.25	7.50	132.6	473	6610 lbs @ 105 psi	6005 lbs @ 105 psi
2021357	11R24.5	149/146/L	16/H	11.2	43.5	148	24	20.2	8.25	7.50	132.6	473	7160 lbs @ 120 psi	6610 lbs @ 120 psi



# REGIONAL TRAILER

The Endu®Combi RT is a multi life, free rolling trailer tire with high scrub resistance.

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**-Endu®Combi RT**



PRODUCT CODE	SIZE	LI/SS	PLY RATING/ LOAD RANGE	SECTION WIDTH (INCH)	OVERALL DIAMETER (INCH)	TIRE WEIGHT LBS	ORIGINAL TREAD DEPTH (1/32")	STATIC LOADED RADIUS (INCH)	RECOMMENDED RIM WIDTH (INCH)	ALTERNATE RIM WIDTH (INCH)	ROLLING CIRCUMFERENCE (INCH)	REVS / MILE	LOAD DETAILS (LBS)	
													SINGLE	DUAL
2021600	215/75R17.5	135/133/K	16/H	8.4	30.3	69	17	13.8	6.00	6.75	92.1	679	4805 lbs @ 123 psi	4540 lbs @ 123 psi
2023615	235/75R17.5	143/141/K	18/J	9.3	31.5	77	17	14.3	6.75	7.50	97.0	653	6005 lbs @ 125 psi	5675 lbs @ 125 psi
2023616	245/70R17.5	143/141/K	18/J	9.8	31.1	75	17	14.2	7.50	6.75	95.7	662	6005 lbs @ 125 psi	5675 lbs @ 125 psi
2021610	295/75R22.5	144/141/L	14/G	11.4	40.0	116	16	18.7	9.00	8.25	121.8	513	6175 lbs @ 110 psi	5675 lbs @ 110 psi
2021609	295/75R22.5	149/146/L	16/H	11.4	40.0	116	16	18.7	9.00	8.25	121.8	513	7160 lbs @ 123 psi	6610 lbs @ 123 psi
2021605	11R22.5	144/142/L	14/G	11.1	40.9	121	16	19.3	8.25	7.50	126.1	504	6175 lbs @ 105 psi	5840 lbs @ 105 psi
2021604	11R22.5	146/143/L	16/H	11.1	40.9	121	16	19.3	8.25	7.50	126.1	504	6610 lbs @ 120 psi	6005 lbs @ 120 psi









# MIXED SERVICE

## MIXED SERVICE ALL POSITION

The Endu®Trax MA, is a robust all position mixed service tire with excellent traction.

**Endu®Trax MA**

**M + S**



PRODUCT CODE	SIZE	LI/SS	PLY RATING/ LOAD RANGE	SECTION WIDTH (INCH)	OVERALL DIAMETER (INCH)	TIRE WEIGHT LBS	ORIGINAL TREAD DEPTH (1/32")	STATIC LOADED RADIUS (INCH)	RECOMMENDED RIM WIDTH (INCH)	ALTERNATE RIM WIDTH (INCH)	ROLLING CIRCUMFERENCE (INCH)	REVS / MILE	LOAD DETAILS (LBS)	
													SINGLE	DUAL
2021805	11R22.5	148/145/L	16/H	11.0	41.6	129	19	19.3	8.25	7.50	129.2	495	6940 lbs @ 123 psi	6395 lbs @ 123 psi
2021802	12R22.5	152/148/L	16/H	11.9	42.8	143	22	19.9	9.00	8.25	127.9	482	7830 lbs @ 123 psi	6940 lbs @ 123 psi
2021803	315/80R22.5	161/157/K	20/L	12.3	42.6	153	21	19.7	9.00	9.75	129.2	486	10200 lbs @ 130 psi	9090 lbs @ 130 psi
2023806	11R24.5	149/146/K	16/H	11.0	43.2	142	25	20.2	8.25	7.50	132.6	474	7160 lbs @ 120 psi	6610 lbs @ 120 psi



# MIXED SERVICE ALL POSITION

Specifically designed for mixed on/off road usage, the EnduTrax MA HD is a robust all-wheel and trailer tire with excellent grip and high uptime.

## Endu<sup>®</sup>Trax MA HD

M + S



PRODUCT CODE	SIZE	LI/SS	PLY RATING/ LOAD RANGE	SECTION WIDTH (INCH)	OVERALL DIAMETER (INCH)	TIRE WEIGHT LBS	ORIGINAL TREAD DEPTH (1/32")	STATIC LOADED RADIUS (INCH)	RECOMMENDED RIM WIDTH (INCH)	ALTERNATE RIM WIDTH (INCH)	ROLLING CIRCUMFERENCE (INCH)	REVS / MILE	LOAD DETAILS (LBS)	
													SINGLE	DUAL
2021801	385/65R22.5	164/K	22/M	15.1	42.2	171	22	19.7	11.75	12.25	128.7	487	11000 lbs @ 130 psi	(n/a)

# MIXED SERVICE DRIVE

The Endu<sup>®</sup>Trax MD, specifically designed for mixed service usage is a robust drive tire with outstanding traction and high impact resistance.

## Endu<sup>®</sup>Trax MD

M + S



PRODUCT CODE	SIZE	LI/SS	PLY RATING/ LOAD RANGE	SECTION WIDTH (INCH)	OVERALL DIAMETER (INCH)	TIRE WEIGHT LBS	ORIGINAL TREAD DEPTH (1/32")	STATIC LOADED RADIUS (INCH)	RECOMMENDED RIM WIDTH (INCH)	ALTERNATE RIM WIDTH (INCH)	ROLLING CIRCUMFERENCE (INCH)	REVS / MILE	LOAD DETAILS (LBS)	
													SINGLE	DUAL
2023855	12R22.5	152/148/L	16/H	11.9	43.3	152	29	20.1	9.00	8.25	130.2	481	7830 lbs @ 123 psi	6940 lbs @ 123 psi
2021850	315/80R22.5	157/154/K	20/L	12.3	43.1	168	30	19.7	9.00	9.75	129.2	482	9090 lbs @ 130 psi	8270 lbs @ 130 psi

# TECHNICAL DATA

Guidelines according to rim size and axle position

SIZE DESCRIPTION & MARKINGS								
PRODUCT CODE	TIRE SIZE	TIRE NAME	TIRE POSITION	PLY RATING/ LOAD RANGE	LI/SS	SMARTWAY	3PMSF	SECTION WIDTH (INCH)
2023101	295/75R22.5	EnduMile LHfront	Steer	14/G	144/141/L	✓		11.5
2023100	295/75R22.5	EnduMile LHfront	Steer	16/H	149/146/L	✓		11.5
2023103	11R22.5	EnduMile LHfront	Steer	14/G	144/142/L	✓		11.1
2023102	11R22.5	EnduMile LHfront	Steer	16/H	146/143/L	✓		11.1
2023105	11R24.5	EnduMile LHfront	Steer	14/G	146/143/L	✓		11.0
2023104	11R24.5	EnduMile LHfront	Steer	16/H	149/146/L	✓		11.0
2023301	295/75R22.5	EnduMile LHD	Drive	14/G	144/141/L	✓		11.4
2023300	295/75R22.5	EnduMile LHD	Drive	16/H	149/146/L	✓		11.4
2023303	11R22.5	EnduMile LHD	Drive	14/G	144/142/L	✓		11.1
2023302	11R22.5	EnduMile LHD	Drive	16/H	146/144/L	✓		11.1
2023305	11R24.5	EnduMile LHD	Drive	14/G	146/143/L	✓		11.1
2023304	11R24.5	EnduMile LHD	Drive	16/H	149/146/L	✓		11.1
2023605	295/75R22.5	EnduMile LHT	Trailer	14/G	144/141/L	✓		11.3
2023604	295/75R22.5	EnduMile LHT	Trailer	16/H	149/146/L	✓		11.3
2023607	11R22.5	EnduMile LHT	Trailer	14/G	144/142/L	✓		10.9
2023606	11R22.5	EnduMile LHT	Trailer	16/H	146/143/L	✓		10.9
2023609	11R24.5	EnduMile LHT	Trailer	14/G	146/143/L	✓		11.0
2023608	11R24.5	EnduMile LHT	Trailer	16/H	149/146/L	✓		11.0
2021110	295/75R22.5	EnduCombi RA	All Position	14/G	144/141/L	✓	✓	11.5
2021109	295/75R22.5	EnduCombi RA	All Position	16/H	149/146/L	✓	✓	11.5
2021106	11R22.5	EnduCombi RA	All Position	14/G	144/142/L	✓	✓	11.1
2021105	11R22.5	EnduCombi RA	All Position	16/H	146/143/L	✓	✓	11.1
2021107	255/70R22.5	EnduCombi RA	All Position	16/H	140/137/M	✓		9.9
*2021108	275/70R22.5	EnduCombi RA	All Position	18J	148/145/L	✓		10.8
2021111	11R24.5	EnduCombi RA	All Position	14/G	146/143/L	✓	✓	11.2
2021112	11R24.5	EnduCombi RA	All Position	16/H	149/146/L	✓	✓	11.2

\* Coming soon

TIRE DIMENSIONS AND RIM DATA									LOAD CAPACITY PER AXLE (LBS) @PRESSURE	
OVERALL DIAMETER (INCH)	TIRE WEIGHT LBS	ORIGINAL TREAD DEPTH (1/32")	RECOMMENDED RIM WIDTH (INCH)	ALTERNATE RIM WIDTH (INCH)	STATIC LOADED RADIUS (INCH)	ROLLING CIRCUMFERENCE (INCH)	MINIMUM DUAL SPACING (INCH)	REVS/MILE	LOAD DETAILS (LBS)	
									SINGLE	DUAL
40.0	116	18	9.00	8.25	18.7	121.8	13.2	513	6175 lbs @ 110 psi	5675 lbs @ 110 psi
40.0	116	18	9.00	8.25	18.7	121.8	13.2	513	7160 lbs @ 123 psi	6610 lbs @ 123 psi
41.3	119	19	8.25	7.50	20.2	126.6	12.5	500	6175 lbs @ 105 PSI	5840 lbs @ 105 PSI
41.3	119	19	8.25	7.50	20.2	126.6	12.5	500	6610 lbs @ 120 PSI	6005 lbs @ 120 PSI
43.3	128	19	8.25	7.50	20.2	132.9	12.5	477	6610 lbs @ 105 psi	6005 lbs @ 105 psi
43.3	128	19	8.25	7.50	20.2	132.9	12.5	477	7160 lbs @ 120 psi	6610 lbs @ 120 psi
40.3	127	23	9.00	8.25	18.7	121.8	12.5	509	6175 lbs @ 110 psi	5675 lbs @ 110 psi
40.3	127	23	9.00	8.25	18.7	121.8	12.5	509	7160 lbs @ 123 psi	6610 lbs @ 123 psi
41.4	130	23	8.25	7.50	20.2	127.0	12.5	499	6175 lbs @ 105 PSI	5840 lbs @ 105 PSI
41.4	130	23	8.25	7.50	20.2	127.0	12.5	499	6610 lbs @ 120 PSI	6005 lbs @ 120 PSI
43.7	139	23	8.25	7.50	20.2	133.4	12.5	475	6610 lbs @ 105 psi	6005 lbs @ 105 psi
43.7	139	23	8.25	7.50	20.2	133.4	12.5	475	7160 lbs @ 120 psi	6610 lbs @ 120 psi
39.8	103	12	9.00	8.25	18.7	121.8	12.5	518	6175 lbs @ 110 psi	5675 lbs @ 110 psi
39.8	103	12	9.00	8.25	18.7	121.8	12.5	518	7160 lbs @ 123 psi	6610 lbs @ 123 psi
41.0	110	12	8.25	7.50	20.2	125.6	12.5	504	6175 lbs @ 105 PSI	5840 lbs @ 105 PSI
41.0	110	12	8.25	7.50	20.2	125.6	12.5	504	6610 lbs @ 120 PSI	6005 lbs @ 120 PSI
42.8	119	13	8.25	7.50	20.2	131.7	12.5	481	6610 lbs @ 105 psi	6005 lbs @ 105 psi
42.8	119	13	8.25	7.50	20.2	131.7	12.5	481	7160 lbs @ 120 psi	6610 lbs @ 120 psi
40.2	127	20	9.00	8.25	18.7	121.8	13.2	512	6175 lbs @ 110 psi	5675 lbs @ 110 psi
40.2	127	20	9.00	8.25	18.7	121.8	13.2	512	7160 lbs @ 123 psi	6610 lbs @ 123 psi
41.2	129	20	8.25	7.50	19.3	126.1	12.5	499	6175 lbs @ 105 psi	5840 lbs @ 105 psi
41.2	129	20	8.25	7.50	19.3	126.1	12.5	499	6610 lbs @ 120 psi	6005 lbs @ 120 psi
36.6	129	17	7.50	8.25	17.1	111.7	11.3	560	5510 lbs @ 120 psi	5070 lbs @ 120 psi
37.4	117	17	8.25	7.50	17.5	114.9	12.2	TBC	6940 lbs @ 130 psi	6395 lbs @ 130 psi
43.3	141	21	8.25	7.50	20.2	132.6	12.5	475	6610 lbs @ 105 psi	6005 lbs @ 105 psi
43.3	141	21	8.25	7.50	20.2	132.6	12.5	475	7160 lbs @ 120 psi	6610 lbs @ 120 psi



SIZE DESCRIPTION & MARKINGS								
PRODUCT CODE	TIRE SIZE	TIRE NAME	TIRE POSITION	PLY RATING/ LOAD RANGE	LI/SS	SMARTWAY	3PMSF	SECTION WIDTH (INCH)
2021303	295/75R22.5	<b>EnduCombi RD<sup>CS</sup></b>	Drive	14/G	144/141/L	✓	✓	11.5
2021302	295/75R22.5	<b>EnduCombi RD<sup>CS</sup></b>	Drive	16/H	149/146/L	✓	✓	11.5
2021301	11R22.5	<b>EnduCombi RD<sup>CS</sup></b>	Drive	14/G	144/142/L	✓	✓	11.1
2021300	11R22.5	<b>EnduCombi RD<sup>CS</sup></b>	Drive	16/H	146/143/L	✓	✓	11.1
2021305	11R24.5	<b>EnduCombi RD<sup>CS</sup></b>	Drive	14/G	146/143/L	✓	✓	11.2
2021304	11R24.5	<b>EnduCombi RD<sup>CS</sup></b>	Drive	16/H	149/146/L	✓	✓	11.2
2021356	295/75R22.5	<b>EnduCombi RD<sup>OS</sup></b>	Drive	14/G	144/141/L		✓	11.5
2021355	295/75R22.5	<b>EnduCombi RD<sup>OS</sup></b>	Drive	16/H	149/146/L		✓	11.5
2021354	11R22.5	<b>EnduCombi RD<sup>OS</sup></b>	Drive	14/G	144/142/L		✓	11.1
2021353	11R22.5	<b>EnduCombi RD<sup>OS</sup></b>	Drive	16/H	146/143/L		✓	11.1
2021358	11R24.5	<b>EnduCombi RD<sup>OS</sup></b>	Drive	14/G	146/143/L		✓	11.2
2021357	11R24.5	<b>EnduCombi RD<sup>OS</sup></b>	Drive	16/H	149/146/L		✓	11.2
2021600	215/75R17.5	<b>EnduCombi RT</b>	Trailer	16/H	135/133/K		✓	8.4
2023615	235/75R17.5	<b>EnduCombi RT</b>	Trailer	18/J	143/141/K		✓	9.3
2023616	245/70R17.5	<b>EnduCombi RT</b>	Trailer	18/J	143/141/K		✓	9.8
2021610	295/75R22.5	<b>EnduCombi RT</b>	Trailer	14/G	144/141/L			11.4
2021609	295/75R22.5	<b>EnduCombi RT</b>	Trailer	16/H	149/146/L			11.4
2021605	11R22.5	<b>EnduCombi RT</b>	Trailer	14/G	144/142/L			11.1
2021604	11R22.5	<b>EnduCombi RT</b>	Trailer	16/H	146/143/L			11.1
2021805	11R22.5	<b>EnduTrax MA</b>	All Position	16/H	148/145/L		✓	11.0
2021802	12R22.5	<b>EnduTrax MA</b>	All Position	16/H	152/148/L		✓	11.9
2021803	315/80R22.5	<b>EnduTrax MA</b>	All Position	20/L	161/157/K		✓	12.3
2023806	11R24.5	<b>EnduTrax MA</b>	All Position	16/H	149/146/K		✓	11.0
2021801	385/65R22.5	<b>EnduTrax MA HD</b>	All Position	22/M	164/K			15.1
2023855	12R22.5	<b>EnduTrax MD</b>	Drive	16/H	152/148/L		✓	11.9
2021850	315/80R22.5	<b>EnduTrax MD</b>	Drive	20/L	157/154/K		✓	12.3

TIRE DIMENSIONS AND RIM DATA									LOAD CAPACITY PER AXLE (LBS) @PRESSURE	
OVERALL DIAMETER (INCH)	TIRE WEIGHT LBS	ORIGINAL TREAD DEPTH (1/32")	RECOMMENDED RIM WIDTH (INCH)	ALTERNATE RIM WIDTH (INCH)	STATIC LOADED RADIUS (INCH)	ROLLING CIRCUMFERENCE (INCH)	MINIMUM DUAL SPACING (INCH)	REVS/MILE	LOAD DETAILS (LBS)	
									SINGLE	DUAL
40.4	138	25	9.00	8.25	18.7	121.8	13.2	510	6175 lbs @ 110 psi	5675 lbs @ 110 psi
40.4	138	25	9.00	8.25	18.7	121.8	13.2	510	7160 lbs @ 125 psi	6610 lbs @ 125 psi
41.4	139	25	8.25	7.50	19.3	126.1	12.5	497	6175 lbs @ 105 psi	5840 lbs @ 105 psi
41.4	139	25	8.25	7.50	19.3	126.1	12.5	497	6610 lbs @ 120 psi	6005 lbs @ 120 psi
43.5	148	24	8.25	7.50	20.2	132.6	12.5	473	6610 lbs @ 105 psi	6005 lbs @ 105 psi
43.5	148	24	8.25	7.50	20.2	132.6	12.5	473	7160 lbs @ 120 psi	6610 lbs @ 120 psi
40.4	138	25	9.00	8.25	18.7	121.8	13.2	510	6175 lbs @ 110 psi	5675 lbs @ 110 psi
40.4	138	25	9.00	8.25	18.7	121.8	13.2	510	7160 lbs @ 123 psi	6610 lbs @ 123 psi
41.4	139	25	8.25	7.50	19.3	126.1	12.5	498	6175 lbs @ 105 psi	5840 lbs @ 105 psi
41.4	139	25	8.25	7.50	19.3	126.1	12.5	498	6610 lbs @ 120 psi	6005 lbs @ 120 psi
43.5	148	24	8.25	7.50	20.2	132.6	12.5	473	6610 lbs @ 105 psi	6005 lbs @ 105 psi
43.5	148	24	8.25	7.50	20.2	132.6	12.5	473	7160 lbs @ 120 psi	6610 lbs @ 120 psi
30.3	69	17	6.00	6.75	13.8	92.1	9.4	679	4805 lbs @123 psi	4540 lbs @123 psi
31.5	77	17	6.75	7.50	14.3	97.0	10.3	653	6005 lbs @ 125 psi	5675 lbs @ 125 psi
31.1	75	17	7.50	6.75	14.2	95.7	11.0	662	6005 lbs @ 125 psi	5675 lbs @ 125 psi
40.0	116	16	9.00	8.25	18.7	121.8	13.2	513	6175 lbs @ 110 psi	5675 lbs @ 110 psi
40.0	116	16	9.00	8.25	18.7	121.8	13.2	513	7160 lbs @ 123 psi	6610 lbs @ 123 psi
40.9	121	16	8.25	7.50	19.3	126.1	12.5	504	6175 lbs @ 105 psi	5840 lbs @ 105 psi
40.9	121	16	8.25	7.50	19.3	126.1	12.5	504	6610 lbs @ 120 psi	6005 lbs @ 120 psi
41.6	129	19	8.25	7.50	19.3	129.2	12.5	495	6940 lbs @ 123 psi	6395 lbs @ 123 psi
42.8	143	22	9.00	8.25	19.9	127.9	13.5	482	7830 lbs @ 123 psi	6940 lbs @ 123 psi
42.6	153	21	9.00	9.75	19.7	129.2	13.8	486	10200 lbs @ 130 psi	9090 lbs @ 130 psi
43.2	142	25	8.25	7.50	20.2	132.6	12.5	474	7160 lbs @ 120 psi	6610 lbs @ 120 psi
42.2	171	22	11.75	12.25	19.7	128.7		487	11000 lbs @ 130 psi	
43.3	152	29	9.00	8.25	20.1	130.2	13.5	481	7830 lbs @ 123 psi	6940 lbs @ 123 psi
43.1	168	30	9.00	9.75	19.7	129.2	13.8	482	9090 lbs @ 130 psi	8270 lbs @ 130 psi







# ***SPEED** TABLE*

SYMBOL	D	E	F	G	J	K	L	M	N	P	Q	R	S	T
<i>mph</i>	40	43	50	56	62	68	75	81	87	93	99	106	112	118
<i>km/h</i>	65	70	80	90	100	110	120	130	140	150	160	170	180	190

*TECHNOLOGY*  
**DRIVES**  
**QUALITY**



# LOAD INFLATION

Guidelines according to rim size and axle position

Standard reference : T&RA & ETRTO

TIRE DESCRIPTION & MARKINGS				TIRE LOAD LIMITS (KG. / .LBS)						
USAGE SEGMENT	TIRE SIZE	TIRE NAME	AXLE POSITION	SINGLE / DUAL FITMENT	BAR	4.80	5.20	5.50	5.90	6.20
					KPA	480	520	550	590	620
					PSI	70	75	80	85	90
LONGHAUL 22.5"	295/75R22.5	EnduMile LHfront	Front	S	kg. .lbs	2040 4500	2140 4725	2240 4940	2340 5155	2440 5370
				D	kg. .lbs	1860 4095	1950 4300	2060 4540	2130 4690	2220 4885
	295/75R22.5	EnduMile LHD	Drive	S	kg. .lbs	2040 4500	2140 4725	2240 4940	2340 5155	2440 5370
				D	kg. .lbs	1860 4095	1950 4300	2060 4540	2130 4690	2220 4885
	295/75R22.5	EnduMile LHT	Trailer	S	kg. .lbs	2040 4500	2140 4725	2240 4940	2340 5155	2440 5370
				D	kg. .lbs	1860 4095	1950 4300	2060 4540	2130 4690	2220 4885
	11R22.5	EnduMile LHfront	All Position	S	kg. .lbs	2050 4530	2160 4770	2260 4990	2370 5220	2500 5510
				D	kg. .lbs	1990 4380	2080 4580	2160 4760	2250 4950	2360 5205
	11R22.5	EnduMile LHD	Drive	S	kg. .lbs	2050 4530	2160 4770	2260 4990	2370 5220	2500 5510
				D	kg. .lbs	1990 4380	2080 4580	2160 4760	2250 4950	2360 5205
	11R22.5	EnduMile LHT	Trailer	S	kg. .lbs	2050 4530	2160 4770	2260 4990	2370 5220	2500 5510
				D	kg. .lbs	1990 4380	2080 4580	2160 4760	2250 4950	2360 5205
LONGHAUL 24.5"	11R24.5	EnduMile LHfront	All Position	S	kg. .lbs	2190 4820	2300 5070	2410 5310	2520 5550	2650 5840
				D	kg. .lbs	2110 4660	2210 4870	2300 5070	2390 5260	2500 5510
	11R24.5	EnduMile LHD	Drive	S	kg. .lbs	2190 4820	2300 5070	2410 5310	2520 5550	2650 5840
				D	kg. .lbs	2110 4660	2210 4870	2300 5070	2390 5260	2500 5510
	11R24.5	EnduMile LHT	Trailer	S	kg. .lbs	2190 4820	2300 5070	2410 5310	2520 5550	2650 5840
				D	kg. .lbs	2110 4660	2210 4870	2300 5070	2390 5260	2500 5510
REGIONAL 17.5"	215/75R17.5	EnduCombi RT	Trailer	S	kg. .lbs		1350 2980	1420 3135	1495 3295	1565 3445
				D	kg. .lbs		1270 2800	1340 2950	1405 3095	1470 3240
	235/75R17.5	EnduCombi RT	Trailer	S	kg. .lbs					
				D	kg. .lbs					
	245/70R17.5	EnduCombi RT	Trailer	S	kg. .lbs					
				D	kg. .lbs					

\* Referred from ETRTO as the load carrying capacity is higher compared to T&RA

\*\* As per market requirements



AT VARIOUS COLD INFLATION PRESSURES. PRESSURE LISTED IS THE MINIMUM FOR THE LOAD								
6.60	6.90	7.20	7.60	7.90	8.30	8.50	8.75	9.00
660	690	720	760	790	830	850	875	900
95	100	105	110	115	120	123	125	130
2500(F) 5510(F)	2620 5780	2710 5980	2800(G) 6175(G)	2890 6370		*3250 (H) 7160(H)		
2300(F) 5070(F)	2390 5260	2470 5440	2575(G) 5675(G)	2630 5795		*3000 (H) *6610(H)		
2500(F) 5510(F)	2620 5780	2710 5980	2800(G) 6175(G)	2890 6370		*3250 (H) 7160(H)		
2300(F) 5070(F)	2390 5260	2470 5440	2575(G) 5675(G)	2630 5795		*3000 (H) *6610(H)		
2500(F) 5510(F)	2620 5780	2710 5980	2800(G) 6175(G)	2890 6370		*3250 (H) 7160(H)		
2300(F) 5070(F)	2390 5260	2470 5440	2575(G) 5675(G)	2630 5795		*3000 (H) *6610(H)		
2600 5730	2700 5950	2800(G) 6175(G)	2870 6320	2940 6465	3000(H) 6610(H)			
2460 5415	2560 5625	2650(G) 5840(G)	2680 5895	2710 5950	2725(H) 6005(H)			
2600 5730	2700 5950	2800(G) 6175(G)	2870 6320	2940 6465	3000(H) 6610(H)			
2460 5415	2560 5625	2650(G) 5840(G)	2680 5895	2710 5950	2725(H) 6005(H)			
2600 5730	2700 5950	2800(G) 6175(G)	2870 6320	2940 6465	3000(H) 6610(H)			
2460 5415	2560 5625	2650(G) 5840(G)	2680 5895	2710 5950	2725(H) 6005(H)			
2770 6095	2890 6350	3000(G) 6610(G)	3080 6790	3160 6970	*3250(H) 7160(H)			
2580 5675	2660 5840	2725(G) 6005(G)	2820 6205	2910 6405	*3000(H) 6610(H)			
2770 6095	2890 6350	3000(G) 6610(G)	3080 6790	3160 6970	*3250(H) 7160(H)			
2580 5675	2660 5840	2725(G) 6005(G)	2820 6205	2910 6405	*3000(H) 6610(H)			
2770 6095	2890 6350	3000(G) 6610(G)	3080 6790	3160 6970	*3250(H) 7160(H)			
2580 5675	2660 5840	2725(G) 6005(G)	2820 6205	2910 6405	*3000(H) 6610(H)			
1635 3660	1700(G) 3750(G)							
1535 3385	1600(G) 3525(G)							
	2300 5070	2350 5180	2400 5290	2450 5400	2600 5730	2650 5840	2725(J) 6005(J)	
	2150 4740	2225 4905	2275 5015	2325 5125	2450 5400	2525 5565	2575(J) 5675(J)	
	2300 5070	2350 5180	2400 5290	2450 5400	2600 5730	2650 5840	2725(J) 6005(J)	
	2150 4740	2225 4905	2275 5015	2325 5125	2450 5400	2525 5565	2575(J) 5675(J)	

REGIONAL 22.5"	255/70R22.5	EnduCombi RA	All Position	S	kg. .lbs	1730 3815	1820 4005	1900 4190	1980 4370	2060 4550
				D	kg. .lbs	1630 3585	1710 3765	1800 3970	1860 4110	1940 4275
	295/75R22.5	EnduCombi RA	All Position	S	kg. .lbs	2040 4500	2140 4725	2240 4940	2340 5155	2440 5370
				D	kg. .lbs	1860 4095	1950 4300	2060 4540	2130 4690	2220 4885
	295/75R22.5	EnduCombi RD CS EnduCombi RD OS	Drive	S	kg. .lbs	2040 4500	2140 4725	2240 4940	2340 5155	2440 5370
				D	kg. .lbs	1860 4095	1950 4300	2060 4540	2130 4690	2220 4885
	295/75R22.5	EnduCombi RT	Trailer	S	kg. .lbs	2040 4500	2140 4725	2240 4940	2340 5155	2440 5370
				D	kg. .lbs	1860 4095	1950 4300	2060 4540	2130 4690	2220 4885
	11R22.5	EnduCombi RA	All Position	S	kg. .lbs	2050 4530	2160 4770	2260 4990	2370 5220	2500 5510
				D	kg. .lbs	1990 4380	2080 4580	2160 4760	2250 4950	2360 5205
	11R22.5	EnduCombi RD CS EnduCombi RD OS	Drive	S	kg. .lbs	2050 4530	2160 4770	2260 4990	2370 5220	2500 5510
				D	kg. .lbs	1990 4380	2080 4580	2160 4760	2250 4950	2360 5205
	11R22.5	EnduCombi RT	Trailer	S	kg. .lbs	2050 4530	2160 4770	2260 4990	2370 5220	2500 5510
				D	kg. .lbs	1990 4380	2080 4580	2160 4760	2250 4950	2360 5205
REGIONAL 24.5"	11R24.5	EnduCombi RA	All Position	S	kg. .lbs	2190 4820	2300 5070	2410 5310	2520 5550	2650 5840
				D	kg. .lbs	2110 4660	2210 4870	2300 5070	2390 5260	2500 5510
	11R24.5	EnduCombi RD CS EnduCombi RD OS	Drive	S	kg. .lbs	2190 4820	2300 5070	2410 5310	2520 5550	2650 5840
				D	kg. .lbs	2110 4660	2210 4870	2300 5070	2390 5260	2500 5510
MIXED 22.5"	11R22.5	EnduTrax MA	All Position	S	kg. .lbs	2050 4530	2160 4770	2260 4990	2370 5220	2500 5510
				D	kg. .lbs	1990 4380	2080 4580	2160 4760	2250 4950	2360 5205
	11R22.5	EnduTrax MD	Drive	S	kg. .lbs	2050 4530	2160 4770	2260 4990	2370 5220	2500 5510
				D	kg. .lbs	1990 4380	2080 4580	2160 4760	2250 4950	2360 5205
	11R22.5	EnduTuff SOD	Drive	S	kg. .lbs	2050 4530	2160 4770	2260 4990	2370 5220	2500 5510
				D	kg. .lbs	1990 4380	2080 4580	2160 4760	2250 4950	2360 5205
	12R22.5	EnduTrax MA	All Position	S	kg. .lbs	2240 4940	2360 5200	2470 5445	2580 5690	2725 6000
				D	kg. .lbs	2170 4785	2260 4980	2350 5180	2440 5380	2575 5675
	12R22.5	EnduTrax MD	Drive	S	kg. .lbs	2240 4940	2360 5200	2470 5445	2580 5690	2725 6000
				D	kg. .lbs	2170 4785	2260 4980	2350 5180	2440 5380	2575 5675
	315/80R22.5	EnduTrax MA	All Position	S	kg. .lbs		2660 5875	2800 6175	2910 6415	3030 6670
				D	kg. .lbs		2420 5345	2575 5675	2650 5840	2750 6070
	315/80R22.5	EnduTrax MD	Drive	S	kg. .lbs		2660 5875	2800 6175	2910 6415	3030 6670
				D	kg. .lbs		2420 5345	2575 5675	2650 5840	2750 6070
	385/65R22.5	EnduTrax MAHD	All Position	S	kg. .lbs	2880 6380	3060 6720	3150 6940	3350 7350	3470 7650
MIXED 24.5"	11R24.5	EnduTrax MA	All Position	S	kg. .lbs	2190 4820	2300 5070	2410 5310	2520 5550	2650 5840
				D	kg. .lbs	2110 4660	2210 4870	2300 5070	2390 5260	2500 5510

\* Referred from ETRTO as the load carrying capacity is higher compared to T&RA

\*\* As per market requirements



2120 4675	2220 4895	2300 5065	2360(G) 5205(G)	2450 5400	2500(H) 5510(H)			
2000 4410	2020 4455	2090 4610	2120(G) 4675(G)	2230 4915	2300(H) 5070(H)			
2500 5510	2620 5780	2710 5980	2800(G) 6175(G)	2890 6370		*3250 (H) 7160(H)		
2300 5070	2390 5260	2470 5440	2575(G) 5675(G)	2630 5795		*3000 (H) *6610(H)		
2500 5510	2620 5780	2710 5980	2800(G) 6175(G)	2890 6370		*3250 (H) 7160(H)		
2300 5070	2390 5260	2470 5440	2575(G) 5675(G)	2630 5795		*3000 (H) *6610(H)		
2500 5510	2620 5780	2710 5980	2800(G) 6175(G)	2890 6370		*3250 (H) 7160(H)		
2300 5070	2390 5260	2470 5440	2575(G) 5675(G)	2630 5795		*3000 (H) *6610(H)		
2600 5730	2700 5950	2800(G) 6175(G)	2870 6320	2940 6465	3000(H) 6610(H)			
2460 5415	2560 5625	2650(G) 5840(G)	2680 5895	2710 5950	2725(H) 6005(H)			
2600 5730	2700 5950	2800(G) 6175(G)	2870 6320	2940 6465	3000(H) 6610(H)			
2460 5415	2560 5625	2650(G) 5840(G)	2680 5895	2710 5950	2725(H) 6005(H)			
2600 5730	2700 5950	2800(G) 6175(G)	2870 6320	2940 6465	3000(H) 6610(H)			
2460 5415	2560 5625	2650(G) 5840(G)	2680 5895	2710 5950	2725(H) 6005(H)			
2770 6095	2890 6350	3000(G) 6610(G)	3080 6790	3160 6970	*3250(H) 7160(H)			
2580 5675	2660 5840	2725(G) 6005(G)	2820 6205	2910 6405	*3000(H) 6610(H)			
2770 6095	2890 6350	3000(G) 6610(G)	3080 6790	3160 6970	*3250(H) 7160(H)			
2580 5675	2660 5840	2725(G) 6005(G)	2820 6205	2910 6405	*3000(H) 6610(H)			
2600 5730	2700 5950	2800 6175	2870 6320	2940 6465	3000 6610	*3150(H) *6940(H)		
2460 5415	2560 5625	2650 5840	2680 5895	2710 5950	2725 6005	*2900(H) *6395(H)		
2600 5730	2700 5950	2800 6175	2870 6320	2940 6465	3000 6610	*3150(H) *6940(H)		
2460 5415	2560 5625	2650 5840	2680 5895	2710 5950	2725 6005	*2900(H) *6395(H)		
2600 5730	2700 5950	2800 6175	2870 6320	2940 6465	3000 6610	*3150(H) *6940(H)		
2460 5415	2560 5625	2650 5840	2680 5895	2710 5950	2725 6005	*2900(H) *6395(H)		
2820 6215	2910 6415	3000 6615	3120 6880	3240 7145	3350 7385	*3550(H) *7830(H)		
2630 5780	2680 5900	2725 6010	2840 6260	2960 6525	3075 6780	*3150(H) *6940(H)		
2820 6215	2910 6415	3000 6615	3120 6880	3240 7145	3350 7385	*3550(H) *7830(H)		
2630 5780	2680 5900	2725 6010	2840 6260	2960 6525	3075 6780	*3150(H) *6940(H)		
3150(G) 6940(G)	3260 7190	3370 7440	3450(H) 7610(H)	3590 7920	3750(J) 8270(J)	3940 8690	4125(L) / **4625 (L) 9090(L) / **10200(L)	
2900(G) 6395(G)	2970 6545	3070 6770	3150(H) 6940(H)	3270 7210	3450(J) 7610(J)	3590 7910	3750(L) / **4125 (L) 8270(L) / **9090(L)	
3150(G) 6940(G)	3260 7190	3370 7440	3450(H) 7610(H)	3590 7920	3750(J) 8270(J)	3940 8690	4125(L) 9090(L)	
2900(G) 6395(G)	2970 6545	3070 6770	3150(H) 6940(H)	3270 7210	3450(J) 7610(J)	3590 7910	3750(L) 8270(L)	
3650 8050	3740 8230	3850 8510	4000 8820	4100 9050	4250 (J) 9370(J)	4340 9570	4500 (L) / *5000 (M) 9920(M) / **11000(M)	
2770 6095	2890 6350	3000 6610	3080 6790	3160 6970	*3250(H) 7160(H)			
2580 5675	2660 5840	2725 6005	2820 6205	2910 6405	*3000(H) 6610(H)			

# RETREADING & REGROOVING

## RETREADING

Apollo Truck & Bus Radial tires are a premium engineered product, possessing the inherent casing strength required to ensure multiple retread lives. Depending upon the application, our products are designed and manufactured to endure multi-million flex cycles without any fatigue failure.

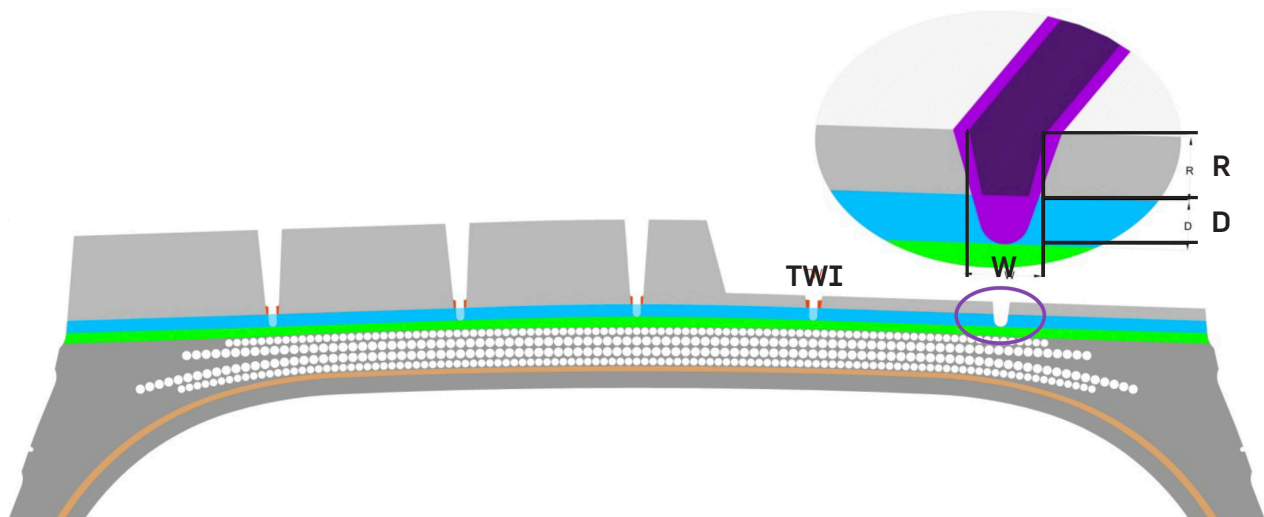
With the foundation of our strong casing construction, along with our tires capability to demonstrate its

## REGROOVING GUIDELINES

Subject to usage conditions and regular tire maintenance. Apollo's highly durable casings can provide multiple tire lives. Regrooving and retreading ensures longer serviceability of tires, and helps Apollo Tyres customers to lower their operating costs.

- Regrooving is done on either new or retreaded tire on which the tread pattern has been renewed by cutting into the tread deeper than the original moulded groove depth.
- The regrooving of truck tires should be entrusted solely to fully trained operators.
- Only genuine certified regrooving tools with electrically heated blades should be used.
- A minimum depth of 2/32" remaining undertread rubber is essential to avoid damage at the top breaker belt.
- Particular care should be taken while selecting tires for regrooving and if heavily damaged in the tread area, the tires should be retreaded instead of regrooved.
- Under no circumstances should a tire be regrooved if it is not marked as "regroovable" on the sidewall area

**R:** Remaining Tread Depth **D:** Nominal re-grooving Depth **W:** Regrooving Width **TWI:** Tread Wear Indicator





# TIRE CONSTRUCTION & DIMENSIONS

## **TREAD:**

Tread comes in direct contact with the road and provides traction required to manoeuvre the vehicle. The design of the tread varies with the application type and axle position in the vehicle. The tread base helps in minimising the temperature.

## **BELTS:**

Steel belts stabilise the tread, minimise distortion of the tire surface contacting the ground and provide puncture resistance. Steel belts restrict case growing during use and increase the tire's structural strength.

## **BODYPLY:**

These plies gives the tire its structural strength, ability to contain air pressure, its deflection characteristics and provides sidewall impact resistance. They transmit all load, driving, braking and steering forces between the wheel and tire tread.

## **BELT EDGE FILLER:**

Rubber skim is placed at the ends of working belts. This aims to reduce the shear forces acting on the belt ends during the tire use.

## **SHOULDER CUSHION:**

Shoulder cushions are contoured rubber strips placed on the body ply under the belt ends. They help provide belt contouring and insulate the body ply from belt edges.

## **SIDEWALL:**

The sidewall flexing enables ride comfort and lateral stability. The surface of the sidewall is engraved with all information relating to the loading and speed capacity, inflation pressure, and brand/product name.

## **BEAD BUNDLE:**

Bead bundles are continuous rubber-coated high tensile wires wound to form a high-strength unit to the specific diameter that fits the inflated tire perfectly on a wheel rim. They are the anchor that maintains the carcass seated on the rim, and resists the pull force of carcass cords tensioned by inflation pressure.

## **INNER LINER:**

This is made from a compound with very low permeability. It prevents the diffusion of air and moisture through the tire structure.

## **RIM STRIP:**

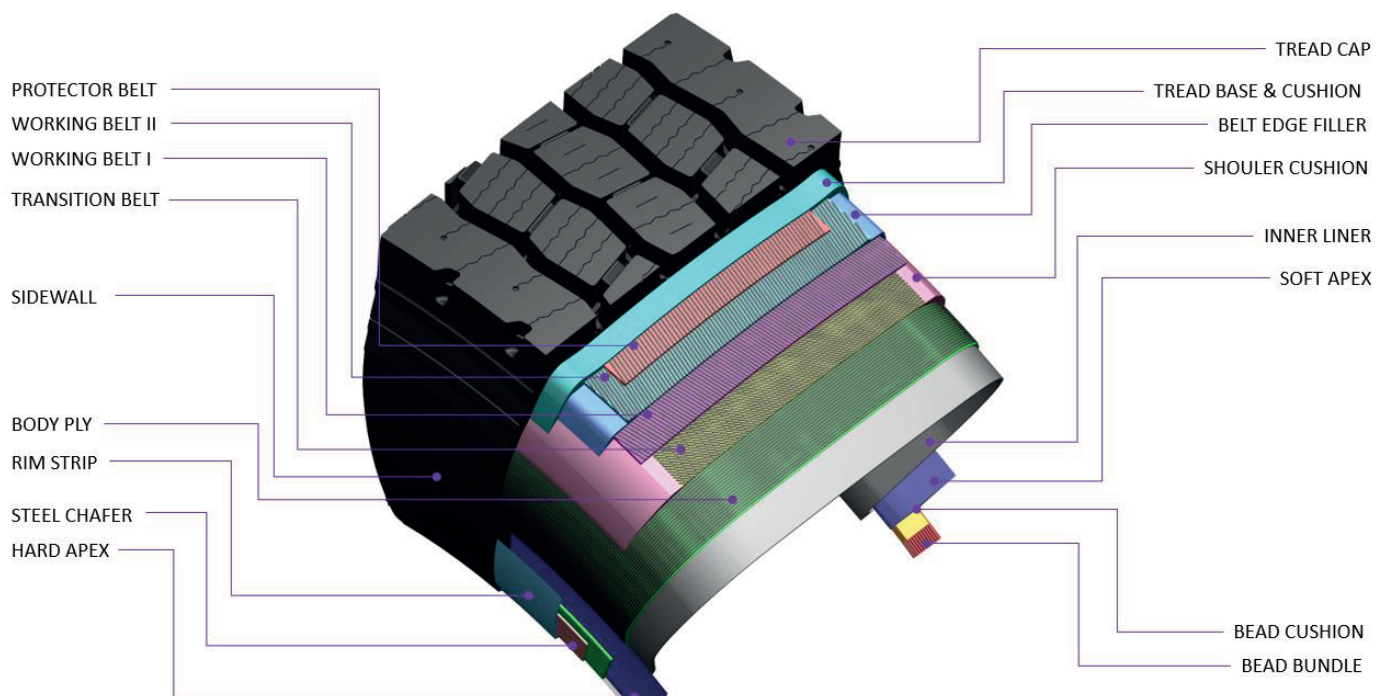
This is the rubber layer between body ply and wheel rim. It is in direct contact with the wheel rim and is designed to undergo the rigour of mounting and demounting.

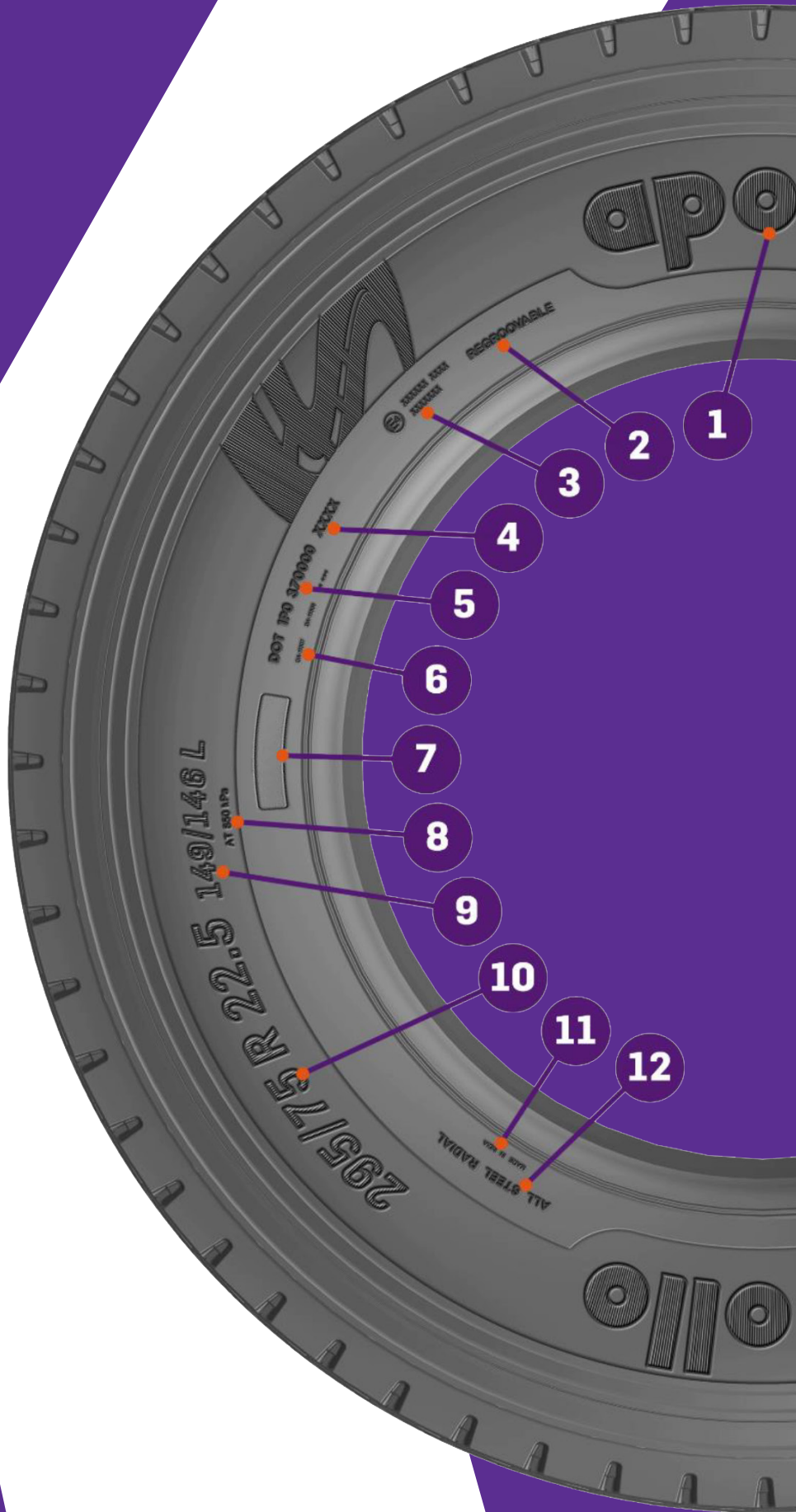
## **APEX:**

The apex is a rubber profile placed above the bead bundle, which provides a smooth transition from the stiff bead area to the flexible sidewall.

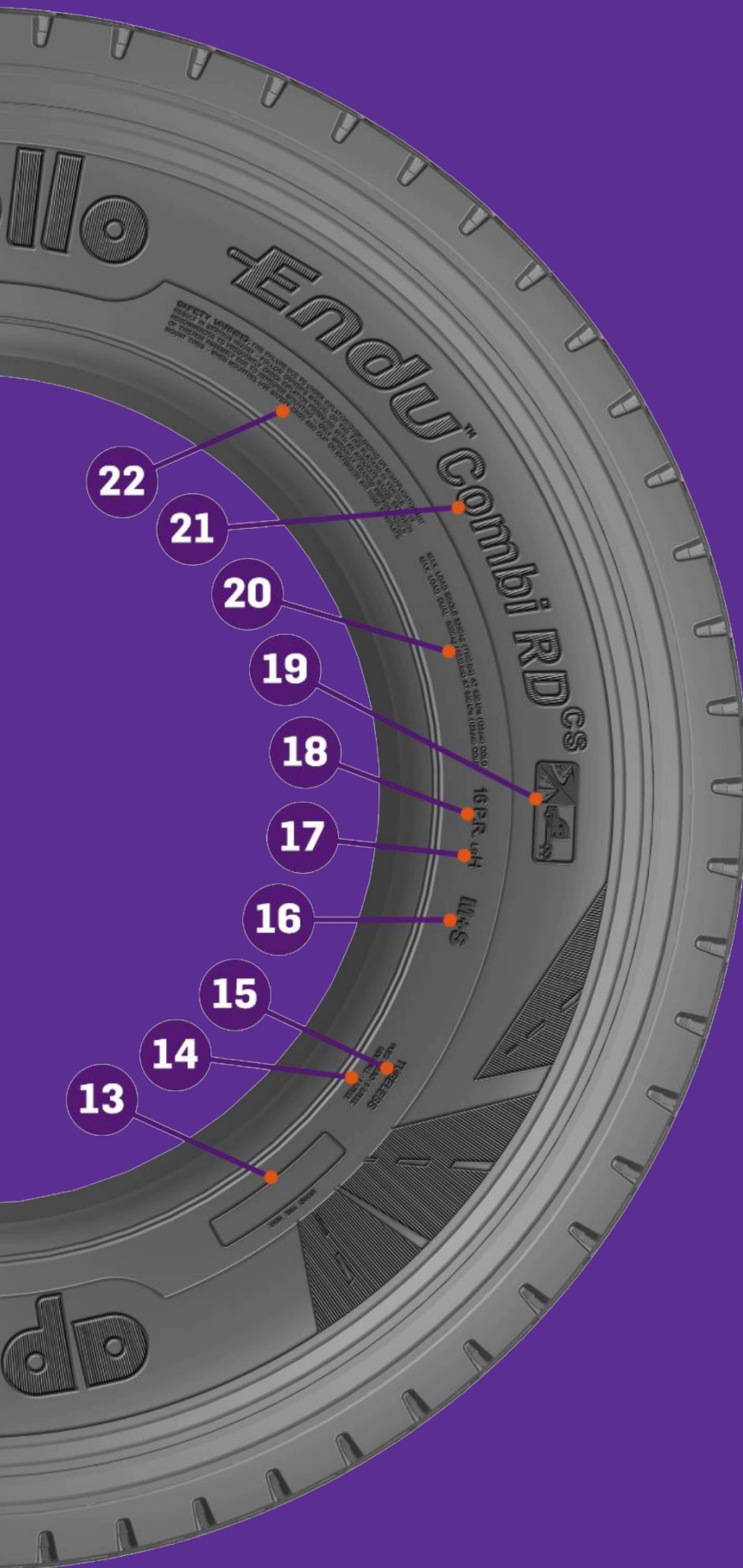
## **CHAFER:**

The chaffer is a strip of wire placed around the body ply cord in the bead area. Its purpose is to protect the bead area from damage during mounting/demounting and reduce the effects of chafing between the wheel and tire.





# SIDEWALL MARKINGS



1. Manufacturer's name
2. Regroovable
3. ECE marking
4. Week and year code
5. Dot marking
6. Mould reference number
7. Serial number
8. Test inflation pressure
9. Nominal load index and speed symbol
10. Size marking
11. Country of origin
12. All steel radial
13. Provision for hot branding
14. Construction details
15. Tubeless
16. M+S/traction marking
17. Load range
18. Ply rating
19. Pictogram
20. Load and speed details
21. Product name
22. Safety warning



# WARRANTY TERMS



## ELIGIBILITY

This limited warranty applies to the original purchase of any new APOLLO Truck & Bus Radial tires ("TBR") having the Department of Transportation ("DOT") prescribed tire identification number on the tire sidewall. Such tires are eligible only if they are used according to recommendation of vehicle manufacturer and/or Apollo Tires (US) Inc. on the vehicle on which they were originally installed.

This warranty will only apply if all the following qualification requirements are met:

- The tire was purchased after 1st June 2021.
- The tire was purchased from an authorized dealer of Apollo Tires (US) Inc.
- The tire is of a size, has a load rating and speed rating equal to or greater than that recommended by the OE vehicle manufacturer.
- The tire has not become unserviceable due to a condition listed under what is not covered.

In case any Apollo tire covered by this limited warranty should become unserviceable due to a manufacturing related condition during its usable tread life of more than 2/32nds of an inch (1.6 mm) remaining tread, and within six (6) years from date of tire manufacture, Apollo Tires (US) Inc. will give a credit on the following conditions:

CATEGORY	TIME PERIOD	POLICY
TBR Tires	During the first 2/32nds of the original usable tread and one year from date of purchase.	Tire will be replaced with a comparable new Apollo tire on a free of charge basis. Applicable taxes on the new tire and the cost of mounting, balancing and any other charges in connection with the replacement of the tire shall be paid by the owner/end user.
	After the first 2/32nds of the original usable tread or after one year from date of purchase, whichever occurs first.	The credit amount will be determined by multiplying the pre-determined adjustment price* for the tire (excluding taxes) by the percentage of original tread depth remaining on the tire or casing value whichever is higher.

\* Adjustment consideration is calculated using the price of tire at the time of purchase, if that is not available it will be calculated using the current Apollo price in effect at the time of adjustment consideration.

## WHAT IS NOT COVERED UNDER THIS POLICY

This limited warranty does not apply to tires which have been subjected to any of the following operational conditions:

- Irregular wear or tear or tire damage due to:
  1. Accidental damage such as road hazard injury (including punctures, cuts, bulge, snags, impact breaks, stone drilling, concussion, etc.).
  2. Wreck, collision, fire, chemical corrosion, contamination, tire alteration and/or vandalism.
  3. Natural causes like striking of lightning.
  4. Runflat, casing dis-integration, rupture due to fatigue, overloading, dual touching, rim damage, burnt bead, stone trapping, repair patch damage, spinning, wrong application to fit, misuse, negligence, racing, chain damage, improper mounting-demounting, tire/wheel imbalance, improper retread, improper regrooving, under inflation, installation of incorrect tire or rim size, incorrect repair, vehicle faults, abuse, or abuse.

5. Any tire that has been operated whilst using internal balancing additives, as well as tires that have been reinflated in conjunction with the addition of liquid tire sealant repair materials.
  6. Fast Rapid wear, uneven/irregular wear due to mechanical irregularities or faulty alignment of vehicle or due to improper inflation pressure maintenance or improper twinning. No mileage or treadwear warranty is expressed or implied.
- Use outside of the United States.
  - Ozone or weather checking/cracking on tires that are more than four (4) years old from the date of manufacture.
  - Ride disturbance after 2/32nds tread wear or one (1) year from date of purchase, whichever occurs first.
  - Having less than 2/32nds remaining tread depth.
  - Tires with the individual serial number cut out or buffed.
  - Tires six (6) years or older from the date of manufacture or six (6) years or older from the date of purchase, whichever occurs first.
  - Any addition of material to a tire after it leaves the factory (e.g., tire fillers, sealants or balancing substance).
  - Tires that are put in service and that are not in full accordance with the intended use of the vehicle and the recommendations of the vehicle manufacturer.

This warranty policy does not provide compensation for loss of time, loss of use of vehicle, income or operation, inconvenience or any incidental or consequential damages.

## HOW TO OBTAIN WARRANTY

In order to be eligible for this limited warranty program, the owner must observe the following:

- Present the tire to an authorized Apollo tire dealer in the United States.
- Submit a copy of the original purchase receipt. If no proof of purchase is available, coverage will be based on the date of manufacture noted in the DOT number molded on the sidewall.
- Complete and sign an Apollo Tires (US) Inc. claim form available at any authorized Apollo tire dealer.
- Pay the cost of mounting, balancing, any other service charges, and applicable taxes.
- Tires pertaining to which a complaint under this policy is approved become the property of Apollo Tires (US) Inc.

If the tire owner abuses the tire including but not limited to observe safety warnings, maintain proper tire inflation pressure, maintain vehicle alignment and tire rotation, expected tire performance or life may not be achieved and your safety cannot be ensured.

## CASING WARRANTY

- A casing of a Apollo Truck & Bus Radial tire is warranted when the tire becomes unserviceable or non-retreadable due to any manufacturing related issues, Apollo Tires (US) Inc. will provide a predetermined casing allowance.
- Casing warranty is valid through the 2nd retreaded life for six (6) years from the date of manufacture.
- Tires used in mining and logging service are not covered under this warranty.
- Casing & retreading allowance shall be as per the following section.

## CASING ALLOWANCE

Casing allowance covers all sizes, patterns, and load ranges.

	ORIGINAL TREAD	1 <sup>ST</sup> RETREAD	2 <sup>ND</sup> RETREAD
17.5"	\$70	\$50	\$30
19.5"	\$80	\$60	\$40
22.5" / 24.5"	\$120	\$100	\$75

## RETREAD TIRE ALLOWANCE

Total Allowance Retreaded Tires.

(Remaining Tread Depth) (Retread Allowance + Casing Allowance)

If an Apollo Commercial Truck tire becomes unserviceable during the **First Retread** and is within the the warranty period, in addition to the casing allowance, you will also receive the retread rubber allowance as outlined below:

<b>More than 14/32</b>	\$50.00 + Casing Allowance
<b>8/32 to 14/32</b>	\$30.00 + Casing Allowance
<b>Less than 8/32</b>	Casing Allowance Only

- For 19.5 inches or smaller sizes, only casing allowances are warranted.
- Tires used in mining and logging service are not covered under this warranty.

## DISCLAIMER

This warranty, or any warranty is exclusive and in lieu of any other warranty related to the quality and performance of Apollo tires, whether expressed or implied and remedies for breach thereof shall be limited to those specifically provided herein. Any warranty of merchantability of fitness for any particular purpose, if made, is limited in duration to the effective time period of this limited warranty.

### IMPORTANT SAFETY INFORMATION

Any tire, regardless of how well it is designed or manufactured, may fail prematurely as a result of punctures, impact related damage, improper inflation pressure, overloading, or any other operationally induced conditions than could be related to abuse. Tire failure could result in a risk of property damage or possibly serious personal injury, and even death.

### SAFETY WARNING

Serious personal injury or death may possibly result from a tire failure. Tire failures are in many cases prECEded by vibration, sidewall bulges, or irregular wear. If a vibration is felt while driving your vehicle or you observe a sidewall bulge or irregular tread wear pattern, immediately take the affected tire to your nearest qualified tire professional for a complete technical evaluation and report.

## TIRE INFLATION

The U.S. Department of Transportation stipulates that a pre-trip vehicle inspection shall be done. Pre-trip vehicle inspections should include cold-tire inflation pressure checks. Remember to check the inflation pressure of inside fitted dual tires. Make sure that the correct valve extensions and brackets are fitted to your tire & rim assembly.

The only correct method for checking tire inflation pressure is by making use of an accurate tire inflation pressure gauge. Kicking or prodding a tire will only indicate to you that a tire is completely flat.

Check inflation pressure on "Cold" tires. Tires are considered as "Cold" if the vehicle has been parked up for three hours or more in a shaded area, or if the vehicle has been driven for less than one mile, and this at a moderate speed.

Never release pressure from a hot tire in order to reach the recommended cold tire inflation pressure. Normal driving causes tires to run hotter, therefore increasing your tires inflation pressure. If you reduce inflation pressure when your tires are hot, you will run the risk of operating your tires in an under-inflated state.

Should it be required to adjust inflation pressure when your tires are hot, adjust their inflation pressure to 10 psi (69 kPa) above the recommended cold inflation pressure. Make sure to recheck the inflation pressure when the tires are cold.



A pressure difference of 5 psi (35 kPa) or more between dual fitted tires is not recommended.

Use the correct type of valve caps in order to keep the valve core clear of dust/debris.

### **SAFETY WARNING**

Inflating an unsecured tire is extremely dangerous. If it were to explode, it could be hurled into the air with a massive explosive force. If struck by this tire and/or rim assembly, it could result in serious personal injury or death.

- **NEVER** adjust the inflation pressure of a tire unless it is placed in a tire safety cage, secured to a vehicle, or fixed to a tire mounting machine.
- **NEVER** stand or lean over the tire or front of the valve while inflation adjustment is taking place.
- **NEVER** re-inflate a truck tire that has been operated continuously and for an extended period of time at a very low inflation pressure (i.e. 80% or less of the normal operating pressure) without first having carried out a complete inspection of the entire tire. This should be done by a certified tire service professional.

## **TIRE INFLATION PRESSURE**

All tires are required to have the specified inflation pressure that will allow them to operate effectively and perform as intended. A tire offers support to the vehicle and its passengers/loads, while transmitting the braking, acceleration and turning forces. Vehicle manufacturers will recommend the inflation pressures for the tires mounted on your vehicle.

### **SAFETY WARNING**

Operating a tire in an under-inflated / improper inflation pressure condition is dangerous.

- Under-inflation will result in excessive tire heat build-up, which when used over an extended period of time, will result in structural damage.
- Over-inflation will result in the tire been more susceptible to cuts, punctures, and impact/road hazard related breaks.

The above-mentioned conditions can cause a tire to fail, which could possibly lead to serious personal injury or death. For the specified tire operating inflation pressure, please consult your vehicle tire information placard / owner's manual.

In addition to the damage caused to the tire, incorrect inflation pressure could also lead to the following:

- Irregular/rapid/reduced tire wear.
- Affect fuel economy.
- Adversely affect vehicle ride & handling.

## **TIRE REPAIRS**

### **SAFETY WARNING**

Driving on an incorrectly/poorly repaired tire is dangerous. An incorrect/poor repair can be unreliable or can result in further damage been caused to the tire. Sudden and/or dramatic tire failure could occur, resulting in serious personal injury or death. A detailed inspection and subsequent repair of your tire that is carried out in accordance to the Rubber Manufacturers Association (RMA) procedures should only be conducted by a qualified tire service professional.

## TIRE DEMOUNTING & MOUNTING

THIS POLICY IS NOT INTENDED TO PROVIDE PROPER TRAINING OR SERVICE PROCEDURES FOR TIRE MOUNTING, DEMOUNTING, BALANCING, ROTATION, OR REPAIR. THESE TASKS SHOULD ONLY AND ALWAYS BE PERFORMED BY QUALIFIED TIRE SERVICE PROFESSIONALS.

Only specially trained persons should mount tires. For specified tire mounting procedures, consult the requirements in accordance to the Occupational Safety and Health Administration (OSHA).

## TRUCK TIRE HOT BRANDING

The following limits are recommended when branding Apollo Truck & Bus Radial tires using a hand held branding tool.

BRANDING TOOL TEMPERATURE	MAXIMUM DEPTH
480 Deg F (250 Deg C)	1/32 inch (0.8mm)
570 Deg F (300 Deg C)	1/64 inch (0.4mm)

ONLY brand in the designated "BRAND TIRE HERE" area.

### SAFETY WARNING

Mounting and demounting of tire and/or rim assemblies can be dangerous. Attempting to demount or mount tires using the incorrect equipment or procedures may result in a tire explosion causing serious personal injury or death. This is a job for a qualified tire service professional only. Never carry out tire service procedures without the correct signed off training, and equipment.

Inflating an unsecured tire is dangerous. If the tire were to explode, it could be hurled into the air with explosive force resulting in serious personal injury or death.

- **ALWAYS** stand well clear of any tire mounting operation. This is particularly important when the operator inflates the tire.
- When inflating a tire after mounting it onto a rim, **ALWAYS** use a tire safety cage and an extension air-hose fitted with an accurate pressure gauge and clip-on connector.
- **NEVER** adjust the inflation pressure of a truck tire unless it is placed in a safety cage or is secured to the vehicle or a tire mounting equipment.
- **NEVER** stand or lean over the tire or in front of the valve when inflating.

## TIRE MIS-MATCHING

### SAFETY WARNING

Operating your vehicle with the incorrect combination of tires is dangerous. Your vehicle's handling characteristics could be adversely affected which could result in an accident and/or serious personal injury or death. Consult your vehicle owner's manual and a qualified tire service professional for the correctly specified tire.

## DUAL TIRE MATCHING

Tires paired as a dual assembly should be matched up by tire construction and dimension. For truck radial tires, correctly paired dimension tolerances are as follows:

- Diameter: within 1/4 inch (6.4 mm) of each other.
- Circumference: within 3/4 inch (19 mm) of each other.

## **SAFETY WARNING**

Improperly matched tires may result in irregular wear, rapid wear, and ultimately premature tire removal or failure. Failure to match tires in a dual assembly could when operated over an extended period of time also result in sudden/catastrophic tire failure.

## **HIGH SPEED DRIVING**

Driving at high speeds, even with the correct inflation pressure can lead to a loss of a vehicle control, regardless of the speed and handling capabilities of the vehicle. For example, high speed driving is especially dangerous because a road hazard is more difficult to avoid at a high speed, and if impacted, has a greater chance of causing tire damage than at lower speeds. Please refer to the specified load and speed index as indicated on the tire sidewall. **SAFETY WARNING**

Driving at high speed is dangerous and can cause a vehicle accident, including serious personal injury or death.

## **TIRE STORAGE**

When tires sit outdoors, unused for long periods of time, their surfaces become dry and more susceptible to ozone and weather checking/cracking, which can lead to serious problems to the inner liner and casing plies. Thus, tires should always be stored in a cool, dry place where water cannot collect inside them. Tires should be stored away from sources of heat and in a clean environment free from grease, petroleum, gasoline, and other substances that can deteriorate the rubber.

## **SAFETY WARNING**

Improper storage can damage your tires in ways that may not be visible that can result in premature aging of the tires and lead to sudden tire failure.

## **ADDITIONAL SAFETY WARNING**

Tire failure due to under inflation/overloading or misapplication is dangerous and may result in serious injury – follow owner's manual or the tire placard in vehicle. It is recommended to frequently check inflation pressure with an accurate gauge. Only specially trained person should mount tires – when mounting, use safety cage and clip on extension air hose to inflate.

Federal Motor Carrier Safety Regulations, 49 C.F.R. § 393.75(d), specify that:

- No motor vehicle shall be operated on any tire that—
  1. Has body ply or belt material exposed through the tread or sidewall,
  2. Has any tread or sidewall separation,
  3. Is flat or has an audible leak, or
  4. Has a cut to the extent that the ply or belt material is exposed.
- Any tire on the front wheels of a bus, truck, or truck tractor shall have a tread groove pattern depth of at least  $\frac{4}{32}$  of an inch when measured at any point on a major tread groove. All other tires shall have a tread groove pattern depth of at least  $\frac{2}{32}$  of an inch when measured in a major tread groove. The measurements shall not be made where tie bars, humps, or fillets are located.
- No bus shall be operated with regrooved, recapped or retreaded tires on the front wheels.
- A regrooved tire with a load-carrying capacity equal to or greater than 2,232 kg (4,920 pounds) shall not be used on the front wheels of any truck or truck tractor.
- No motor vehicle may be operated with speed-restricted tires labelled with a maximum speed of 55 mph or less in accordance with S6.5(e) of FMVSS No. 119 at speeds that exceed the rated limit of the tire.



## **ADDITIONAL INFORMATION OR CUSTOMER SERVICE**

If you have any question on product warranty, please first contact your nearest Apollo tire dealer. For dealer information, or if your question has not been handled to your satisfaction, you may contact Apollo Tires (US) Inc.

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