

ACCELUS
Tires

Truck & Bus Radials





GLOBAL FOOTPRINT

We may be new to the States, but we've been around the block a few times already.

The Accelus tire brand has a proud 48-year heritage that includes extraordinary successes in various tire segments.

Now, with its proven commitment to leading edge technologies and quality manufacturing, the company is turning its focus to the commercial tire market with a massive new plant that has planned production capacity of more than four million tires per year.

For U.S. trucking fleets and owner operators searching for a competitive edge, Accelus tires will deliver a low total cost of ownership – the perfect combination of price and performance.





The Accelus Advantage... **TECHNOLOGY**

Technology is only as good as the individuals who apply it. A seasoned TBR R&D team, equipped with the latest computer simulation and testing equipment, has been assembled to develop Accelus TBR tires for the North American market.

After rigorous development in the most advanced computer programs, Accelus prototype tires are put through punishing tests inside testing labs equipped with Virtual Simulation Capabilities (FEA) before they are tested on outdoor tracks.

The manufacturing process is housed in the company's new, ultra-modern plant, equipped with the latest manufacturing equipment sourced from the world's leading suppliers. From best-in-class extrusion equipment that eliminates the smallest of variances to RFID enabled bead preparation, Accelus tires are produced to exacting standards.

X-ray inspections, stringent endurance testing, uniformity tests, dynamic balancing, and other state-of-the-art propriety tests ensure that fleets and owner operators can depend on Accelus tires for long tread wear, dependable traction and durability.



Nitrogen Curing VS Hot Water Curing

The ultra-modern plant uses a nitrogen cure system instead of the hot water cure system deployed in many tire manufacturing facilities. The nitrogen cure system allows better control of the curing process which leads to greater tire uniformity. This has tremendous benefits in longer tire life and driver ride comfort. The nitrogen process also conserves water.



Taking Measures to Protect our Environment

Environmental protection and sustainability were top of mind when this mega TBR plant was designed and constructed.

Thousands of tree saplings were planted in and around the premises.

All effluents are recycled.









Rainwater is harvested, making the most out of Indian monsoons and steam; thereby reducing water consumption needs.

A commitment to creating low rolling resistance tires reduces the carbon footprint.

Durable, sturdy casings facilitate more retreading, resulting in less tire carcasses in landfills.



Application Guide

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 BULK TRUCK	■	■	■				
 CLOSED AXLE TRAILER	■				■	■	
 SPREAD AXLE TRAILER	■				■	■	
 STRAIGHT TRUCK	■	■	■				
 PICK-UP & DELIVERY TRUCK	■	■	■	■			
 WASTE HAUL							■
 CONSTRUCTION							■
225/70R19.5	14G			14G			
245/70R19.5	16H			16H			
255/70R22.5	16H						
295/75R22.5	16H	16H	16H		14G	14G	
315/80R22.5							20L
11R22.5	16H	16H	16H		14G	14G	16H
11R24.5	16H	16H	16H		14G		16H
285/75R24.5	14G	14G			14G		



AR91

All-position radial with five-rib design that delivers the optimum balance of long tread wear and fuel efficiency for a wide range of tractor, truck and trailer applications

REGIONAL STEER / ALL POSITION

MAX TIRE LOAD / PRESSURE

SKU	TIRE SIZE	PLY RATING LOAD RANGE	RIM MEAS. [IN]	SINGLE [LBS / PSI]	DUAL [LBS / PSI]	OVERALL DIAMETER [IN]	TREAD DEPTH [32NDS]	REVS PER MILE	SLR [IN]	MAX SPEED [MPH]	WEIGHT [LBS]	TIRE TYPE
10000241	225/70R19.5	14G	6.75	3970/110	3750/110	32.0	16	648	14.9	81	64	TL
10000221	245/70R19.5	16H	7.50	4938/120	4674/120	33.0	18	628	15.3	81	73	TL
10000081	11R22.5	16H	8.25	6610/120	6005/120	41.5	20	499	19.3	81	125	TL
10000121	11R24.5	16H	8.25	7160/120	6610/120	43.5	20	476	20.3	81	128	TL
10000201	255/70R22.5	16H	7.50	5510/120	5070/120	36.7	18	565	17.1	75	95	TL
10000041	295/75R22.5	16H	9.00	7160/120	6610/120	40.2	20	515	18.8	75	121	TL
10000161	285/75R24.5	14G	8.25	6175/110	5675/110	41.7	20	496	19.6	75	127	TL



WAVY SHOULDER GROOVE

Promotes uniform wear, shoulder stability and excellent traction

4 BELT CONSTRUCTION

Effectively absorbs impacts, provides uniform ground contact and creates a sturdy casing for retreading

OPTIMUM RIB TO VOID RATIO

Provides driver comfort and long tread wear

NEXT GENERATION MULTI-COMPOUND TREAD

Helps in improving wear resistance and heat build-up

AR91 FEATURES & BENEFITS



DR92

Closed shoulder drive tire provides dependable traction, long tread wear and driver comfort for day cabs and various truck sizes

DRIVE / CLOSED SHOULDER

SKU	TIRE SIZE	PLY RATING LOAD RANGE	RIM MEAS. [IN]	MAX TIRE LOAD / PRESSURE		OVERALL DIAMETER [IN]	TREAD DEPTH [32NDS]	REVS PER MILE	SLR [IN]	MAX SPEED [MPH]	WEIGHT [LBS]	TIRE TYPE
				SINGLE [LBS / PSI]	DUAL [LBS / PSI]							
10000101	11R22.5	16H	8.25	6610/120	6005/120	42.1	28	493	19.6	81	133	TL
10000141	11R24.5	16H	8.25	7160/120	6610/120	44.1	28	470	20.6	81	137	TL
10000061	295/75R22.5	16H	9.00	7160/120	6610/120	40.7	28	509	19.0	75	130	TL
10000181	285/75R24.5	14G	8.25	6175/110	5675/110	42.2	28	490	19.8	75	133	TL





WIDE BELT CONSTRUCTION

Evenly distributes tension for high mileage and optimum retreadability

IDEAL LUG TO VOID RATIO

Provides optimum driver comfort while delivering long tread wear

INTEGRATED TREAD BLOCKS WITH TIE-BARS

Enhance block rigidity for high traction and low rolling resistance

HIGH QUALITY COMPOUND

Effectively dissipates energy for higher fuel economy and reduced wear rate

DR92 FEATURES & BENEFITS



DR95

Open shoulder drive tire with innovative block design provides excellent traction in wet and dry conditions for day cabs and various truck applications

DRIVE / OPEN SHOULDER

MAX TIRE LOAD / PRESSURE

SKU	TIRE SIZE	PLY RATING LOAD RANGE	RIM MEAS. [IN]	SINGLE [LBS / PSI]	DUAL [LBS / PSI]	OVERALL DIAMETER [IN]	TREAD DEPTH [32NDS]	REVS PER MILE	SLR [IN]	MAX SPEED [MPH]	WEIGHT [LBS]	TIRE TYPE
10000091	11R22.5	16H	8.25	6610/120	6005/120	41.9	26	495	19.5	81	131	TL
10000131	11R24.5	16H	8.25	7160/120	6610/120	43.9	26	472	20.5	81	135	TL
10000051	295/75R22.5	16H	9.00	7160/120	6610/120	40.6	26	511	18.9	75	127	TL





WIDE BELT PACKAGE

Promotes even wear and long casing life through uniform ground contact

OPTIMUM LUG TO VOID RATIO

Minimizes the impact of turning forces for better heat dissipation and longer wear

INTEGRATED TREAD BLOCKS WITH TIE-BARS

Enhance block rigidity for high traction and low rolling resistance

SUPERIOR TREAD COMPOUND

Reduces wear rate for outstanding tread life

DR95 FEATURES & BENEFITS





DR05

Open shoulder drive tire with an aggressive tread pattern for excellent traction in wet and dry conditions

DRIVE / OPEN SHOULDER

MAX TIRE LOAD / PRESSURE

SKU	TIRE SIZE	PLY RATING LOAD RANGE	RIM MEAS. [IN]	SINGLE [LBS / PSI]	DUAL [LBS / PSI]	OVERALL DIAMETER [IN]	TREAD DEPTH [32NDS]	REVS PER MILE	SLR [IN]	MAX SPEED [MPH]	WEIGHT [LBS]	TIRE TYPE
10000231	225/70R19.5 ¹	14G	6.75	3970/110	3750/110	32.2	20	644	15.0	81	67	TL
10000211	245/70R19.5 ²	16H	7.50	4938/120	4674/120	33.2	20	626	15.4	81	75	TL





OPEN SHOULDER DESIGN

Allows water to escape the tread pattern for excellent traction in wet conditions

IDEAL LUG TO VOID RATIO

Provides optimum driver comfort while delivering long tread wear

CROSS-LUG SIPES

Effectively evacuates water from the tread face to further enhance traction in wet conditions

INTEGRATED TREAD BLOCKS WITH TIE-BARS

Enhance block rigidity for high traction and low rolling resistance

¹ 225/70R19.5 4-rib pattern pictured

² 245/70R19.5 5-rib pattern pictured

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DR05 FEATURES & BENEFITS





TR01

Trailer radial combats irregular wear and rib tearing for long tread life, even in high scrub applications

TRAILER

MAX TIRE LOAD / PRESSURE

SKU	TIRE SIZE	PLY RATING LOAD RANGE	RIM MEAS. [IN]	SINGLE [LBS / PSI]	DUAL [LBS / PSI]	OVERALL DIAMETER [IN]	TREAD DEPTH [32NDS]	REVS PER MILE	SLR [IN]	MAX SPEED [MPH]	WEIGHT [LBS]	TIRE TYPE
10000541	11R22.5	14G	8.25	6175/105	5840/105	41.0	12	507	19.1	75	114	TL
10000551	11R24.5	14G	8.25	6610/105	6005/105	43.0	12	482	20.1	75	118	TL
10000531	295/75R22.5	14G	9.00	6175/110	5675/110	39.7	12	523	18.5	81	111	TL
10000561	285/75R24.5	14G	8.25	6175/110	5675/110	41.2	12	499	19.5	75	119	TL





FULL-DEPTH MULTI-DIMENSIONAL SIPES

Counter irregular wear and rib tearing for higher mileage and even wear

CORRUGATED COOLING FINS

Effectively dissipate heat for long casing life

CHAMFERED SOLID SHOULDER

Counters lateral forces in high scrub applications for even shoulder wear

BALANCED RIB RATIO

Distributes pressure evenly for long tread life

TR01 FEATURES & BENEFITS





TR91

Radial for closed and spread axle trailers that performs exceptionally well in high scrub applications and wet conditions

TRAILER - DEEP TREAD / SPREAD AXLE

MAX TIRE LOAD / PRESSURE

SKU	TIRE SIZE	PLY RATING LOAD RANGE	RIM MEAS. [IN]	SINGLE [LBS / PSI]	DUAL [LBS / PSI]	OVERALL DIAMETER [IN]	TREAD DEPTH [32NDS]	REVS PER MILE	SLR [IN]	MAX SPEED [MPH]	WEIGHT [LBS]	TIRE TYPE
10000511	11R22.5	14G	8.25	6175/105	5840/105	41.3	16	503	19.2	75	119	TL
10000031	295/75R22.5	14G	9.00	6175/110	5675/110	39.9	16	519	18.7	81	116	TL





CHAMFERED SOLID SHOULDER DESIGN

Counters lateral forces in high scrub applications to ensure even shoulder wear

BALANCED RIB RATIO

Evenly distributes pressure for high mileage and excellent driver comfort

CORRUGATED COOLING FINS

Ensure better heat dissipation for increased casing life

WIDE 4-BELT PACKAGE

Provides uniform ground contact for excellent impact absorption and casing retreadability

TR91 FEATURES & BENEFITS

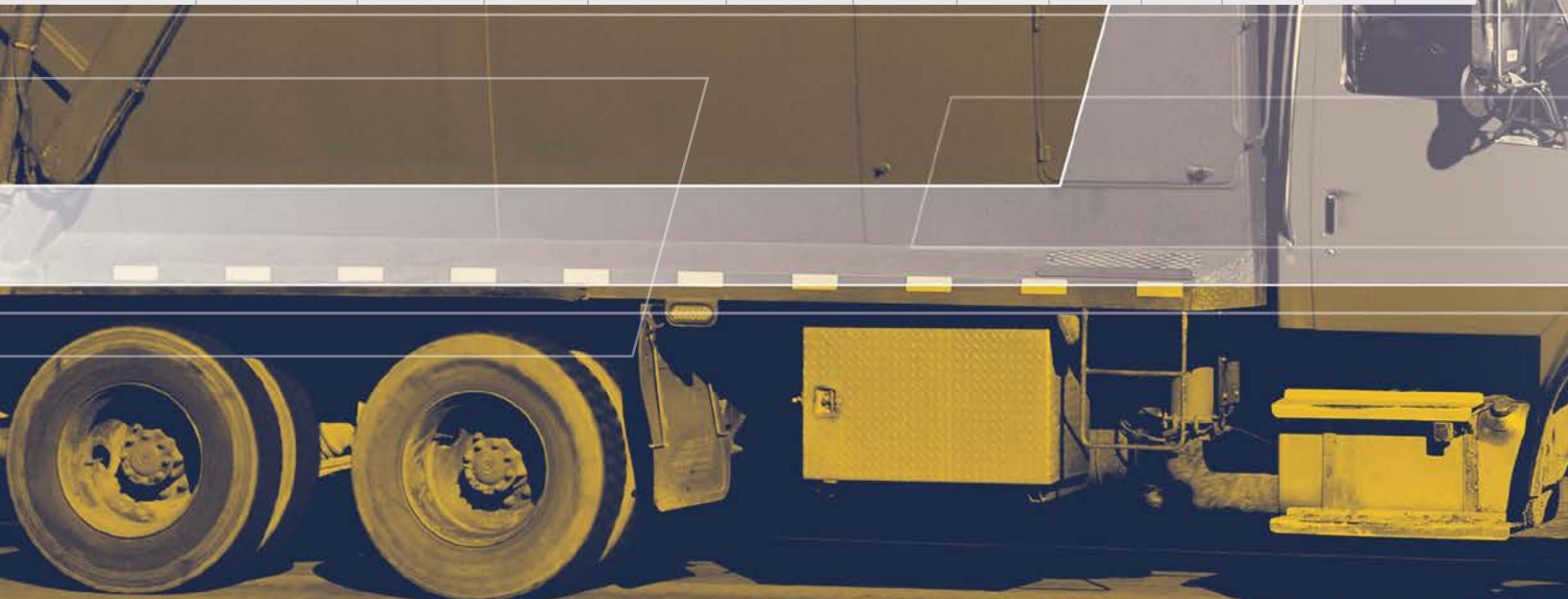


AC95

Heavy-duty waste-haul and construction tire with a unique cut and chip resistant compound for long life in high-intensity applications. Features enhanced durability and a load-bearing capacity above 10,000 lbs.

CONSTRUCTION / WASTE - ALL POSITION

SKU	TIRE SIZE	PLY RATING LOAD RANGE	RIM MEAS. [IN]	MAX TIRE LOAD / PRESSURE		OVERALL DIAMETER [IN]	TREAD DEPTH [32NDS]	REVS PER MILE	SLR [IN]	MAX SPEED [MPH]	WEIGHT [LBS]	TIRE TYPE
				SINGLE [LBS / PSI]	DUAL [LBS / PSI]							
10000571	315/80R22.5	20L	9.00	10200/130	9090/130	42.8	24	485	19.9	68	161	TL
10000581	11R22.5	16H	8.25	6610/120	6005/120	41.8	24	494	19.0	68	128	TL
10000591	11R24.5	16H	8.25	7160/120	6610/120	43.8	24	471	20.0	68	131	TL





RUGGED SHOULDER DESIGN

Helps resist impacts and scrubbing in tough environments

INTEGRATED TREAD BLOCKS WITH TIE-BARS

Enhanced block rigidity for high traction and superior durability

STONE EJECTORS

Enhance casing life by preventing rocks and debris from penetrating the casing

WIDE 4-BELT PACKAGE

Provides uniform ground contact for excellent impact absorption and casing retreadability

AC95 FEATURES & BENEFITS



Tire Inflation

A serious injury or even death may result from tire failure due to improper inflation.

Improper mounting could result in the explosion of the tire/rim assembly. Tires should be mounted by trained individuals only.

The inflation pressure enables a tire to support the load and to control the vehicle. Therefore, proper inflation is critical. With the right amount of inflation pressure, the vehicle and the tires will achieve their optimum performance, in addition to tire safety. This means the tires will wear longer and improve vehicle fuel consumption. Note that some vehicles may have different cold inflation pressures for tires on the front and rear axles. The recommended inflation pressures for tires are typically measured in pounds per square inch (psi) and are based upon the weight placed on the tire.

Mounting and Safety

Only specially trained individuals should mount tires.

Refer to the USTMA (United States Tire Manufacturer's Association) for procedures for de-mounting and mounting medium/heavy truck tires. Understand the procedures and safety warnings before proceeding with de-mounting, mounting and inflating tires.

Always lubricate both beads and rim flanges with approved rubber lubricant before mounting a tire on a rim.

Always match rim diameter with tire diameter.
Mount tire only on the proper size rim.

Never inflate a medium/heavy truck tire that is lying on the floor or another flat surface.

Always use a tire mounting cage with a hold down device.

Limited Manufacturer's Warranty

WHAT IS COVERED UNDER WARRANTY

Eligibility Criteria

You are the owner or authorized agent of the owner of new ACCELUS brand TBR tires. Your tire(s) bear Department of Transportation (DOT) prescribed tire identification numbers and are not branded "NA" (non-adjustable). Your ACCELUS brand TBR tires have been used only on the vehicle on which they were originally installed as suggested by vehicle manufacturers and recommendations by Ralson Tire North America, Inc. (RTNA).

Owners Obligation

- Present the tire(s) to an authorized dealer of RTNA in the United States, Canada, or Mexico
- Fill out an RTNA Warranty Claim form, complete all required data field, and submit to RTNA Warranty Department
- Provide original proof of purchase, invoice, or receipt of the tires being submitted

No Charge Replacement

Eligible ACCELUS brand TBR tires will be repaired or replaced free of charge (excluding taxes) with an equivalent ACCELUS brand TBR tire up to the first 10% of original usable tread depth (more than 2/32nds remaining tread) or within 12 months from date of purchase if the tire is no longer usable. If the tire is without proof of purchase date, then within 12 months from the date of manufacture - whichever occurs first.

Prorated Tire Replacement

(Limited Warranty with respect to Defects in Material, Workmanship, or Design)

If an ACCELUS brand TBR tire becomes unserviceable due to a defect in design, workmanship or material after the first 2/32nds of usable tread is worn or more than 12 months have elapsed from date of purchase, whichever comes first, you will be entitled to a prorated percentage allowance applicable to the purchase price of an equivalent new ACCELUS brand TBR tire or another equivalent tire brand marketed by RTNA. Tires used in mining and logging service are not covered under this warranty.

Radial Casing Warranty Values

SIZE	ALLOWANCE
ALL 17.5" rim diameter sizes	\$ 20.00
225/70R19.5, 245/70R19.5	\$ 30.00
10R22.5	\$ 40.00
255/70R22.5, 275/70R22.5	\$ 60.00
11R22.5, 11R24.5, 295/80R22.5	\$ 65.00
295/75R22.5, 285/75R24.5	\$ 65.00
315/80R22.5	\$ 75.00
385, 425, 445/65R22.5	\$ 75.00
445/50R22.5	\$ 85.00

Limited Radial Casing Retread Warranty

All ACCELUS brand TBR casings will be warranted for workmanship and materials at 100% for the first and second retread up to a period of 6 YEARS from the date of purchase, as verified by proof of purchase or the date of manufacture. Tires used in mining and logging service are not covered under this warranty.

Casing Allowance

TREAD DEPTH REMAINING (INCHES)	TOTAL ALLOWANCE RETREADED TIRES RETREAD ALLOWANCE + CASING ALLOWANCE
More than 14/32nds	\$ 35.00 + Casing Allowance
8/32nds to 14/32nds	\$ 25.00 + Casing Allowance
Less than 8/32nds	Casing Allowance Only

WHAT IS NOT COVERED UNDER WARRANTY

Irregular wear or damage due to:

- Road hazards, punctures, cuts, snags, impact breaks, etc.
- Mechanical conditions of the vehicle
- Tires with weather cracking which were manufactured six (6) or more years prior to the presentation are not covered
- Accident or vandalism
- Wreck, collision of tire
- Improper inflation, overloading, high speed spin up, misapplication, misuse, negligence, racing, chain damage or improper mounting or de-mounting
- Any tire intentionally altered to change its appearance
- Tires branded or marked "non-adjustable" (NA) or blemished (Blem) or previously adjusted
- Misapplication of tire, use of improper inner tube or flap
- Alteration of the tire or addition of alien material
- Transfer from one vehicle to another
- Loss occurred over time or use, incidental or consequential damages
- Ride disturbance after the first 2/32nds of tread wear or due to damaged wheels or any other vehicle condition
- Material added to a tire after leaving a factory producing Accelus brand tires like tire fillers, sealants or balancing substances. If the added materials are the cause of the tire becoming unstable, the tire will not be adjusted.
- Cost of mounting and balancing service except what is covered under warranty
- TBR tire failure due to faulty retreading or material
- This limited warranty is applicable only in the United States, Canada, and Mexico. Any tire used or equipped on a vehicle outside of the United States, Canada, and Mexico is not covered by this warranty.



725 Cool Springs Blvd., STE 330
Franklin, TN 37067

615.985.TIRE (8473)

844.985.TIRE (8473) TOLL FREE

contactRTNA@ralson.com

[AccelusTires.com](https://www.AccelusTires.com)

10/2023