


ACCELUS
Tires

Truck & Bus Radials





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

	<i>vRS1</i>	<i>KRS2</i>	<i>KRS5</i>	<i>KR05</i>	<i>l'RO1</i>	<i>l'RS1</i>	<i>vCS5</i>
PAGE NUMBER	5 - G	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18
 l'K6C'OK [DAY CAB]	■	■	■				
 BUL€ l'KUC€	■	■	■				
 CLOSED 6XLE l'K6ILEK	■				■	■	
 SPKE6D 6XLE l'K6ILEK	■				■	■	
 S'l'K6IGHI' l'KUC€	■	■	■				
 PIC€-UP & DELIVEKY l'KUC€	■	■	■	■			
 W6S'l'E H6UL							■
 CONSl'KUC'l'ION							■
225/70K1U.5	14(			14(
245/70K1U.5	1GH			1GH			
255/70K22.5	1GH						
2U5/75K22.5	1GH	1GH	1GH		14(	14(
315/80K22.5							20L
11K22.5	1GH	1GH	1GH		14(	14(	1GH
11K24.5	1GH	1GH	1GH		14(		1GH
285/75K24.5	14(	14(			14(



vRS1

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

REGIONVS S'IEER / vSS POSI'ION

SEU	I'IKE SIZE	PLY K6'ING LO6K K6NGE	M6X I'IKE LO6K / PKESSUKE									
			KIM ME6S. [IN]	SINGLE [LBS / PSI]	KU6L [LBS / PSI]	OVEK6LL KIGMEI'EK [IN]	I'KE6K KEPI'H [32NDS]	KEVS PEK MILE	SLK [IN]	M6X SPEEK [MPH]	WEIGHI' [LBS]	I'IKE I'YPE
10000241	225/70R19.5	14(	G.75	3970/110	3750/110	32.0	1G	G48	14.9	81	G4	TL
10000221	245/70R19.5	1GH	7.50	4938/120	4G74/120	33.0	18	G28	15.3	81	73	TL
10000081	11R22.5	1GH	8.25	GG10/120	G005/120	41.5	20	499	19.3	81	125	TL
10000121	11R24.5	1GH	8.25	71G0/120	GG10/120	43.5	20	47G	20.3	81	128	TL
10000201	255/70R22.5	1GH	7.50	5510/120	5070/120	3G.7	18	5G5	17.1	75	95	TL
10000041	295/75R22.5	1GH	9.00	71G0/120	GG10/120	40.2	20	515	18.8	75	121	TL
100001G1	285/75R24.5	14(	8.25	G175/110	5G75/110	41.7	20	49G	19.G	75	127	TL



**W6VY €HOULDEK
GKOOVE**

Promotes uniform wear,
shoulder stability and
excellent traction

4 BELI' CONEIKUCI'ION

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

**OPI'IMUM
KIB I'O VOID K6'I'IO**

Provides driver comfort
and long tread wear

**NEXI' GENEK6'I'ION
MUL'I-COMPOUND I'KE6D**

Helps in improving
wear resistance and
heat build-up

vMS1 FEATURES & BENEFITS



KRS2



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

KRIVE / CSOSEK SHOUSER

M6X I'KE LO6K / PKESSUKE

S&U	I'KE SIZE	PLY K6'ING LO6K K6NGE	KIM ME6S. [IN]	SINGLE [LBS / PSI]	KU6L [LBS / PSI]	OVEK6LL KI6MEI'EK [IN]	I'KE6K KEPI'H [32NDS]	KEVS PEK MILE	SLK [IN]	M6X SPEEK [MPH]	WEIGHI' [LBS]	I'KE I'YPE
10000101	11R22.5	1GH	8.25	GG10/120	G005/120	42.1	28	493	19.G	81	133	TL
10000141	11R24.5	1GH	8.25	71G0/120	GG10/120	44.1	28	470	20.G	81	137	TL
100000G1	295/75R22.5	1GH	9.00	71G0/120	GG10/120	40.7	28	509	19.0	75	130	TL
10000181	285/75R24.5	14(	8.25	G175/110	5G75/110	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 KICK**

Provides optimum driver comfort while delivering long tread wear

**INTERLOCKED 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

KMS2 FEATURES & BENEFITS



KRS5

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

KRIVE / OPEN SHOUSER

M6X I'KE LO6K / PKESSUKE

S&U	I'KE SIZE	PLY K6I'NG LO6K K6NGE	KIM ME6S. [IN]	SINGLE [LBS / PSI]	KU6L [LBS / PSI]	OVEK6LL KIGMEI'EK [IN]	I'KE6K KEPI'H [32NDS]	KEVS PEK MILE	SLK [IN]	M6X SPEEK [MPH]	WEIGHI' [LBS]	I'KE I'YPE
10000091	11R22.5	1GH	8.25	GG10/120	G005/120	41.9	2G	495	19.5	81	131	TL
10000131	11R24.5	1GH	8.25	71G0/120	GG10/120	43.9	2G	472	20.5	81	135	TL
10000051	295/75R22.5	1GH	9.00	71G0/120	GG10/120	40.6	2G	511	18.9	75	127	TL





WIDE BELT P6C6GE

Promotes even wear and long casing life through uniform ground contact

OPTIMUM LUG VOID K6'IO

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

INTEGRATED TREAD BLOCK WITH TIE-BLOCKS

Enhance block rigidity for high traction and low rolling resistance

EUPEKIOK TREAD COMPOUND

Reduces wear rate for outstanding tread life

KMS5 FEATURES & BENEFITS



KR05

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

KRIVE / OPEN SHOUSER

M6X I'KE LO6K / PKESSUKE

S&U	I'KE SIZE	PLY K6'ING LO6K K6NGE	KIM ME6S. [IN]	SINGLE [LBS / PSI]	KU6L [LBS / PSI]	OVEK6LL KIGMEI'EK [IN]	I'KE6K KEPI'H [32NDS]	KEVS PEK MILE	SLK [IN]	M6X SPEEK [MPH]	WEIGHI' [LBS]	I'KE I'YPE
10000231	225/70R19.5 ¹	14(	G.75	3970/110	3750/110	32.2	20	G44	15.0	81	G7	TL
10000211	245/70R19.5 ²	1GH	7.50	4938/120	4674/120	33.2	20	G2G	15.4	81	75	TL





OPEN SHOULDER DESIGN

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

IDEAL LUG WITH VOID KICK

Provides optimum driver comfort while delivering long tread wear

CHOCK-LUG TYPE

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

INTEGRATED BLOCK BLOCK WITH TIE-BLOCKS

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

KM05 FEATURES & BENEFITS



I'R01

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

I'RVISER - KEEP I'REVK / SPREVKWSSR

M6X I'KE LO6K / PKESSUKE

S&U	I'KE SIZE	PLY K6'ING LO6K K6NGE	KIM ME6S. [IN]	SINGLE [LBS / PSI]	KU6L [LBS / PSI]	OVEK6LL KI6MEI'EK [IN]	I'KE6K KEPI'H [32NDS]	KEVS PEK MILE	SLK [IN]	M6X SPEEK [MPH]	WEIGHI' [LBS]	I'KE I'TYPE
10000541	11R22.5	14(	8.25	G175/105	5840/105	41.0	12	507	19.1	75	114	TL
10000551	11R24.5	14(	8.25	GG10/105	G005/105	43.0	12	482	20.1	75	118	TL
10000531	295/75R22.5	14(	9.00	G175/110	5G75/110	39.7	12	523	18.5	81	111	TL
100005G1	285/75R24.5	14(	8.25	G175/110	5G75/110	41.2	12	499	19.5	75	119	TL



**“ULL-DEPI’H
MULTI-DIMENSIONAL
SIPES**

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

COOLING SIPES

Effectively dissipate heat for long casing life

**CHAMFERED
SHOULDER**

Counters lateral forces in high scrub applications for even shoulder wear

BLOCKED TREAD

Distributes pressure evenly for long tread life

MO1 FEATURES & BENEFITS



TRS1

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

TRV1SER - KEEP TRREVK / SPREVK vXSE

M6X TRKE LO6K / PKESSUKE

S&U	TRKE SIZE	PLY K6'TING LO6K K6NGE	KIM ME6S. [IN]	SINGLE [LBS / PSI]	KU6L [LBS / PSI]	OVEK6LL KIGMEI'EK [IN]	I'KE6K KEPI'H [32NDS]	KEVS PEK MILE	SLK [IN]	M6X SPEEK [MPH]	WEIGHI' [LBS]	I'KE I'YPE
10000511	11R22.5	14(	8.25	G175/105	5840/105	41.3	1G	503	19.2	75	119	TL
10000031	295/75R22.5	14(	9.00	G175/110	5G75/110	39.9	1G	519	18.7	81	11G	TL





**CH6M"EKED €OLID
€HOULDEK DE€IGN**

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

**B6L6NCE
KIB K6'IO**

Evenly distributes pressure for high mileage and excellent driver comfort

**COKKUG6'ED
COOLING "IN€**

Ensure better heat dissipation for increased casing life

WIDE 4-BELI' P6C€6GE

Provides uniform ground contact for excellent impact absorption and casing retreadability

***l'MS1* FEATURES & BENEFITS**



vCS5

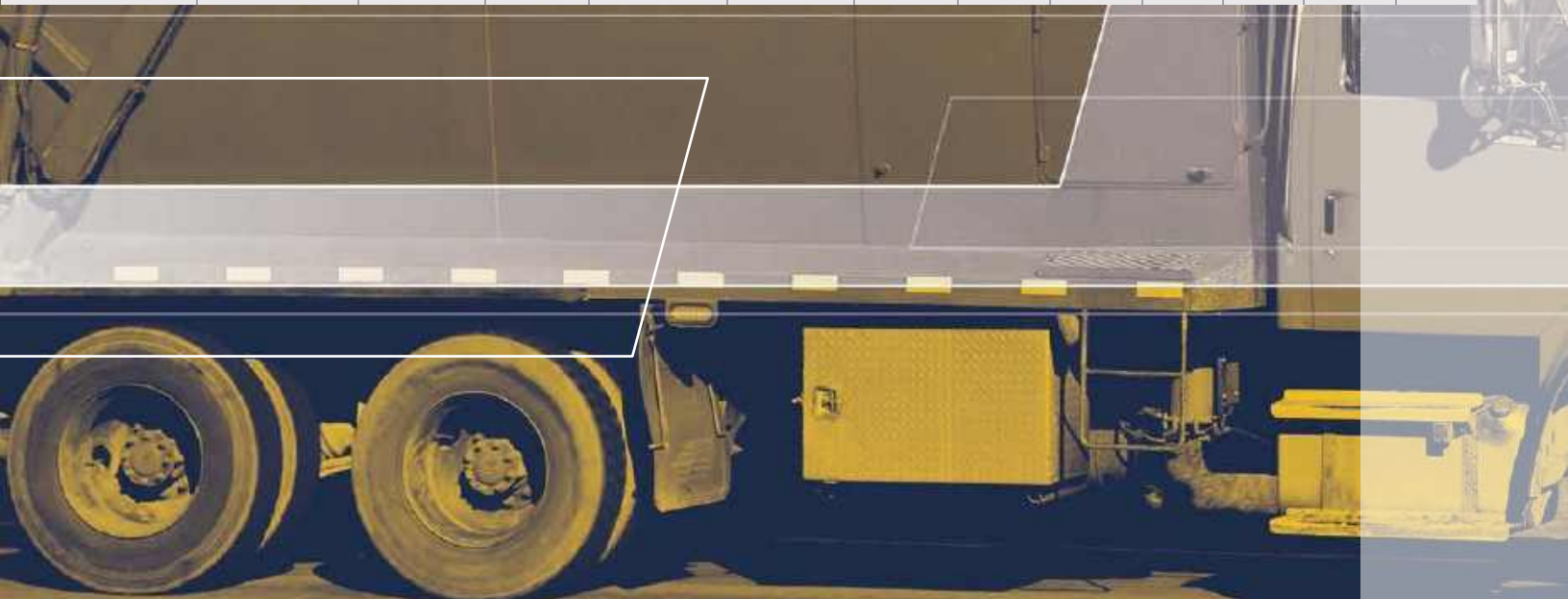
Heavy-duty waste-haul and construction tire with a unique cut and chip resistant compound for long life in high-intensity applications. Features enhanced durability and a load-bearing capacity above 10,000 lbs.



CONSTRUCTION / EVSIE - vCS POSITION

M6X I'KE LO6K / PKESSUKE

S&U	I'KE SIZE	PLY K6I'ING LO6K K6NGE	KIM ME6S. [IN]	SINGLE [LBS / PSI]	KU6L [LBS / PSI]	OVEK6LL KIGMEI'EK [IN]	I'KE6K KEPI'H [32NDS]	KEVS PEK MILE	SLK [IN]	M6X SPEEK [MPH]	WEIGHI' [LBS]	I'KE I'YPE
10000571	315/80R22.5	20L	9.00	10200/130	9090/130	42.8	24	485	19.9	G8	1G1	TL
10000581	11R22.5	1GH	8.25	GG10/120	G005/120	41.8	24	494	19.0	G8	128	TL
10000591	11R24.5	1GH	8.25	71G0/120	GG10/120	43.8	24	471	20.0	G8	131	TL





**KUGGED
SHOULDER DESIGN**

Helps resist impacts
and scrubbing in
tough environments

**INTEGRATED RIGID
BLOCKS WITH THE-BLOCKS**

Enhanced block rigidity
for high traction and
superior durability

STONE EJECTION

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

WIDE 4-BELT PATTERN

Provides uniform ground
contact for excellent impact
absorption and casing
retreadability

vCS5 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.