

OFF-THE-ROAD

VERSION 17.1

PRODUCT GUIDE



ROAD & BRIDGE | AGGREGATE | MINING | CONSTRUCTION



Welcome,

With this release of the Bridgestone OTR Product Guide, we have modified the organization and format and hope you will appreciate this.

First, there is a new, one-page summary of the entire portfolio, showing the machine application for each tire.

Second, the tires are now in order by TRA code, with a separate section for Radial and Bias tires. All tires for a tread pattern now appear in one place.

Third, there is a Specialty Tire section for select radial and bias tires.

Bridgestone tires are subject to ongoing development. Specifications are current as of September 2, 2016 and are subject to change without notice. Although great care has been taken in producing this guide, we can accept no responsibility for any loss or damage resulting from undetected errors, omissions or misprints which may have occurred. For complete information regarding tire specifications, consult your local Bridgestone dealer or contact a Bridgestone OTR representative.

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RADIAL TIRES

VFT	4
VSWAS	4
VSW	5
VKT	6
VUT	7
VRF	7
VRL	8
VLT	8
VMT	9
VJT	10
VTS	10
VELS	11
VELSL	11
VMTP	12
VMTS	13
VRDP	13
VREP	14
VREV	14
VRLS	15
VRPS	16
VRQP	17
VZTP	17
VZTS	18
VLTS	18
VSNT	19
VSNL	19
VSDL	20
VSDR	21
VSDT	21
VSMS	22
VSMS2	22

BIAS TIRES

FG	24
RL	24
VL2	25
RLS	25
DL	26
STMS	27

SPECIALTY TIRES

VGT	29
VHS	29
VSB	30
VSJ	30
VCH	31
VCHD	31
VCHR	32
VCHS	32
VRLS	33
VSDL	33
VSMS	34
RL	34
ELS2	35
STMS	35
RR	36

MACHINE SUMMARY

MACHINE	TRACTION	ROCK	ROCK DEEP	ROCK EXTRA DEEP	ROCK EXTRA DEEP SMOOTH	INDUSTRIAL & OTHER
DUMP TRUCK RIGID	VFT VHS	VMT VRF	RLS VELS VELSL VMTP VMTS VRDP VREP VREV VRLS VRPS VRQP VZTP VZTS			
DUMP TRUCK ARTICULATED	VKT	VLT VMT	VLTS			
GRADER	VKT VSW VSWAS VUT					
LOADER / DOZER	FG VKT VSW VUT	RL VJT VL2 VLT VMT VTS	RLS VLTS VSNL VSNT	DL VSDL VSDR VSDT	STMS VSMS VSMS2	
SCRAPER	VKT VUT	VLT VRL				
UNDERGROUND			VSNL VSNT	VSDL VSDT	STMS VSMS VSMS2	
CONTAINER HANDLER & INDUSTRIAL MACHINES						ELS2 RL STMS VCH VCHD VCHR VCHS VRLS VSMS
OTHER	FG VUT	RL	VRLS			RR VGT VHS VSB VSDL VSJ

BRIDGESTONE SPECIFICATION CODES

Each Bridgestone off road tire has its own specification code that enables the customer to properly identify and match the right Bridgestone tire which will best meet the conditions under which the tire will be used.

SERVICE	COMPOUND
E: Earthmover	1A: Standard
D: Loader & Dozer	2A: Cut Resistant
G: Grader	3A: Heat Resistant
EXAMPLE	E3A = Earthmover and Heat Resistant
NOTE	DE2 = Combined D2A and E2A
ADDITIONAL COMPOUND CONSTRUCTION COMMENTS	IDU = Industrial LS = Special Cut Resistance N/A = Not Applicable LAC = Load and Carry DAL = Dig and Load NY = Nylon NS = Nylon Steel

METRIC SIZE CONVERSION CHART

METRIC SIZE	EQUIVALENT SIZE	OPTIONAL SIZE
385/95R24	14.00R24	
385/95R25	14.00R25	
445/80R25	17.5R25	
445/95R25	16.00R25	
525/80R25	20.5R25	
550/65R25	--	20.5R25
600/65R25	--	23.5R25
650/65R25	--	23.5R25
750/65R25	30/65R25	
775/65R29	--	26.5R25
875/65R29	--	29.5R25

CONVERSION CHART [STAR RATING TO PLY RATING]

SERVICE	TIRE SIZE	STAR RATING	CORRESPONDING PLY RATING
GRADER	14.00R24	*	up to 16
	16.00R24	*	up to 16
	17.5R25	*	up to 16
EARTHMOVER	12.00R24	***	up to 24
	14.00R24	***	up to 32
	14.00R25	***	up to 32
	16.00R25	**	up to 36
	18.00R25	*	up to 24
		**	up to 36
	18.00R33	**	up to 40
	21.00R33	**	up to 36
	21.00R35	**	up to 44
	24.00R35	**	up to 48
	24.00R49	**	up to 48
	27.00R49	**	up to 54
	30.00R51	**	up to 58
	33.00R51	**	up to 64
	36.00R51	**	up to 66
	40.00R57	**	up to 74
	17.5R25	*	up to 16
	20.5R25	*	up to 24
		**	up to 28
	25/65R25	**	up to 32
	23.5R25	*	up to 24
		**	up to 32
	26.5R25	**	up to 32
	29.5R25	**	up to 34
	29.5R29	**	up to 40
	33.25R29	**	up to 44
	33.5R33	**	up to 44
37.5R33	**	up to 48	
33.25R35	**	up to 44	
37.25R35	**	up to 48	
37.5R39	**	up to 52	
40.5/75R39	**	up to 54	
LOADER	15.5R25	*	up to 16
	17.5R25	*	up to 16
	20.5R25	*	up to 24
		**	up to 28
	23.5R25	*	up to 24
		**	up to 32
	26.5R25	*	up to 24
		**	up to 36
	29.5R25	*	up to 28
		**	up to 34
	29.5R29	*	up to 34
	35/65R33	*	up to 36
	35/65R33	**	up to 42
	45/65R45	*	up to 50
	45/65R45	**	up to 58



RADIAL TIRES

VFT



E-2 RADIAL



V-STEEL F-TRACTION

- Non-Directional Tread Pattern
- Excellent Flotation and Traction in Soft Soil or Mud
- Provides Good Traction, generates Low Heat and assures Long Tread Life

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
LARGE TUBELESS	18.00R33	2*	E3A	E-2	418927	750	38	71.3	19.7
	27.00R49	2*	E3A	E-2	420077	2,519	56	104.2	29.5

VSWAS



G-2 RADIAL



V-STEEL SNOW WEDGE ALL SEASON

- Excellent performance in deeper snow, minimizing the need for chains
- Specially designed to minimize stone retention and stone throw
- Designed for year round use and very capable in gravel and soft, sandy conditions
- Cut-resistant compound contributes to long service life

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
SMALL TUBELESS	14.00R24	1*	G2A	G-2	5536	302	29.4	53	15
	17.5R25	1*	G2A	G-2	4682	327	35	52.9	17.2
	20.5R25	1*	G2A	G-2	5537	455	36.5	58	21

V S W



E-2, G-2, L-2

RADIAL

SNOW SERVICE



V-STEEL SNOW WEDGE

- Excellent performance in packed snow or ice
- High Traction tread design for machines used in snow service
- Studs or Chains Not Required
- Heat Resistant Compounding for High-Speed Use

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
SMALL TUBELESS	14.00R24 ‡	1*	DG2	G2/L2	293970	331	30	53.2	14.6
	16.00R24 ‡	1*	G2A	G-2	293997	458	28	58.5	16.4
	385/95R25 **	170E †	N/A	N/A	425078	370	30	53.3	15.5
	17.5R25	1*	DG2	G2/L2	420387	382	34	52.8	17.3
	20.5R25	MS	DE2	E2/L2	422851	527	37	57.9	20.9
	23.5R25	MS	DE2	E2/L2	423750	739	40	62.8	24.4
	600/65R25	1*	D2A	L-2	431742	615	40	56	23.6

‡ = For use on semi drop center rim only, not for use on Flat Base Rim.

** = Mobile Crane use; U.S. DOT approved for On-Highway use

† is LI/SS

VKT



E-2, G-2, L-2 RADIAL



V-STEEL K-TRACTION

- Directional Tread Pattern
- Cut Resistant Tread Design for Even Wear
- Excellent Traction and Flotation
- Ideal for Soft or Muddy Surfaces

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
SMALL TUBELESS	14.00R24 ‡	1*	G2A	G-2	263354	307	32	53.2	14.6
	14.00R24 ‡	3*	E2A	E-2	263346	336	32	53.2	15.4
	16.00R24 ‡	1*	G2A	G-2	284971	433	36	58.0	16.5
	17.5R25	1*	EG2	E2/G2	296341	319	34	52.7	17.3
	17.5R25	1*	D2A	L-2	263389	364	34	57.9	17.3
	20.5R25	1*	D2A	L-2	263397	478	38	57.9	20.9
	23.5R25	2*	E1A	E-2	261351	655	42	63.1	24.1
	23.5R25	1*	D2A	L-2	263400	695	42	63.1	24.1
	26.5R25	2*	E1A	E-2	275638	864	49	68.2	26.7
	26.5R25	1*	D2A	L-2	275611	995	49	68.2	26.7
LARGE TUBELESS	29.5R29	2*	E2A	E-2	276235	1,254	55	77.1	30.1
	37.5R39	2*	E1A	E-2	419915	2,661	64	99.4	38.7

‡ = For use on semi drop center rim only, not for use on Flat Base Rim.



VUT

E-2, G-2, L-2 RADIAL



V-STEEL ULTRA TRACTION

- Non-Directional Tread Pattern
- Self-Cleaning Tread Design
- Exceptional Traction and Flotation
- Lighter Weight provides Superior Maneuverability and Fuel Consumption

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
SMALL TUBELESS	335/80R20	1*	DE2	E2/L2	425095	120	24	40.8	12.6
	365/80R20	1*	DE2	E2/L2	424757	140	26	42.8	13.7
	405/70R20	1*	DE2	E2/L2	425469	160	25	43.0	15.7
	13.00R24 +	1*	G2A	G-2	299804	231	32	50.8	14.1
	14.00R24	1*	G2A	G-2	293954	277	32	53.3	15.5
	15.5R25	2* ‡	DG2	G2/L2	424609	245	34	50.0	15.1
	17.5R25	1*	DG2	G2/L2	422827	296	35	52.8	17.5
	20.5R25	1*	DG2	G2/L2	420344	394	39	58.0	21.0
	23.5R25	1*	DG2	G2/L2	422703	688	42	63.0	24.4

‡ = In 15.5R25 size, tire is rated 1* for Graders and 2* for Loaders



VRF

E-3 RADIAL



V-STEEL ROCK FAST PREMIUM

- Optimized Tread Pattern for Even Wear
- Cooler Running in High Speed - Long Haul Applications
- Ultra-Durable Casing
- Exceptional Stability, Superior Riding Comfort, and Optimum Traction

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
GIANT TUBELESS	53/80R63	2*	E3A	E-3	430314	10,000	80	147.3	51.6
	59/80R63	2*	E1A	E-3	430178	11,840	89	158.3	57.4
	59/80R63	2*	E3A	E-3	429889	11,840	89	158.3	57.4

VRL



E-3 | RADIAL



V-STEEL R-LUG

- Rock Service Pattern
- Durable Casing Design Resists Fatigue
- Tough Lug Pattern for Excellent Traction and Cut Resistance
- Suitable for Rocky or Gravel Surfaces in Mines, Quarries and Construction Sites

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
LARGE TUBELESS	29.5R35	2*	E1A	E-3	419591	1,612	50	83.5	30.2
	33.25R35	2*	E1A	E-3	418498	1,968	62	87.7	33.3
	40.5/75R39	2*	E1A	E-3	418501	3,012	61	101.9	39.4
	27.00R49	2*	E3A	E-3	418552	2,959	54	104.1	29.5

VLT



E-3, L-3 | RADIAL



V-STEEL L-TRACTION

- Innovative Tread Lugs expand and compress to provide powerful traction and self-cleaning capability
- Large Contact Footprint provides Excellent Traction, Flotation and Rider Comfort
- Solid performance and maneuverability on Wet, Soft or Muddy Surfaces

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
SMALL TUBELESS	20.5R25	MS	DE2	E3/L3	421952	539	50	59.0	20.9
	23.5R25	MS	DE2	E3/L3	421960	799	54	63.9	24.3
	26.5R25	MS	DE2	E3/L3	421979	1,040	57	68.8	26.9
	75.0/65R25	MS	DE2	E3/L3	420220	1,024	54	64.0	30.1

LARGE TUBELESS	29.5R25	MS	DE2	E3/L3	421987	1,303	60	73.9	30.0
	33.25R29	2*	E2A	E-3	427645	1,830	68	81.7	34.0
	37.25R35	2*	E1A	E-3	427985	2,530	75	94.0	37.6
	37.25R35	2*	E2A	E-3	428002	2,654	75	94.0	37.6
	40.5/75R39	2*	E1A	E-3	428172	3,340	74	102.6	39.4
	40.5/75R39	2*	E2A	E-3	428138	3,581	74	102.6	39.4

VMT



E-3, L-3 RADIAL



V-STEEL M-TRACTION

- Non-Directional Tread Pattern for Even Wear
- Normal-Depth Tread features Strong Resistance to Heat Buildup
- Excellent Traction in a Variety of Conditions

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
SMALL TUBELESS	17.5R25	1*	D2A	L-3	419346	376	38	52.7	17.3
	20.5R25	1*	D2A	L-3	418110	503	42	58.3	20.9
	20.5R25	2*	E1A	E-3	418161	514	42	58.3	20.9
	23.5R25	1*	D2A	L-3	418137	782	44	63.0	24.3
	23.5R25	2*	D2A	L-3	418773	722	44	63.0	24.3
	23.5R25	2*	E1A	E-3	418196	708	44	63.0	24.3
	26.5R25	1*	D2A	L-3	419672	962	48	68.3	26.9
	26.5R25	2*	E1A	E-3	419311	904	48	68.3	26.9
LARGE TUBELESS	29.5R25	1*	D2A	L-3	419680	1,261	53	73.4	30.0
	29.5R25	2*	E1A	E-3	419338	1,269	53	73.4	30.0
	30.00R51	2*	E3A	E-3	422207	3,551	57	112.2	33.6
GIANT TUBELESS	33.00R51	2*	E1A	E-3	422436	4,223	61	117.6	36.7
	33.00R51	2*	E3A	E-3	420689	4,222	61	117.6	36.7
	40.00R57	2*	E1A	E-3	427016	6,966	81	138.3	43.6
	40.00R57	2*	E2A	E-3	427050	6,966	81	138.3	43.6
	40.00R57	2*	E3A	E-3	427033	7,185	81	138.3	43.6

VJT



L-3 | RADIAL



V-STEEL J-TRACTION

- Provides smooth, stable ride across rugged environments while resisting cutting damage
- Unique vertical-column center tread blocks minimize vibration for operator comfort.
- Double-reinforced tie bars reduce friction to help prevent irregular center block wear and extend tread wear
- Sidewall protectors enhance damage resistance

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
SMALL TUBELESS	17.5R25	1*	D2A	L-3	431538	366	38	53.2	17.4
	20.5R25	1*	DG2	L-3	3994	496	42	58.3	20.9
	23.5R25	1*	D2A	L-3	431198	729	44	63.0	24.3
	23.5R25	2*	D2A	L-3	6536	729	44	63.0	24.3
	26.5R25	1*	D2A	L-3	431215	1,003	48	68.4	26.9
LARGE TUBELESS	29.5R25	1*	D2A	L-3	431555	1,237	53	73.4	30.0
	29.5R25	2*	D2A	L-3	4071	1,260	53	73.4	30.0

VTS



L-3 | RADIAL



V-STEEL TRACTION AND STABILITY

- Designed for Stability and improved Ride
- Stone Rejectors reduce stone retention
- Self-Cleaning Tread Design
- Designed Primarily for Wheeled Loaders

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
SMALL TUBELESS	550/65R25	1*	D2A	L-3	429821	525	41	53.1	21.5
	650/65R25	1*	D2A	L-3	424099	678	47	59.1	25.3
	750/65R25	1*	D2A	L-3	429838	1,003	52	63.3	29.3
LARGE TUBELESS	775/65R29	1*	D2A	L-3	424277	1,158	54	68.5	30.5
	875/65R29	MS	DE2	L-3	431283	1,559	60	73.4	33.5

VELS



E-4 RADIAL



V-STEEL E-LUG S

- Deep Non-Directional Rock Tread and Sidewall Protection
- Special Compounds Provide Exceptional Wear and Cut Resistance
- Suited for Abrasive Roads, such as Rocky, Gravel or Packed Surfaces

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
SMALL TUBELESS	18.00R25	2*	E2A	E-4	419281	791	63	64.6	20.3
	18.00R33	2*	E2A LS	E-4	422177	960	61	73.1	20.2
	18.00R33	2*	E1A	E-4	275867	960	61	73.1	20.2
	18.00R33	2*	E2A	E-4	276316	959	61	73.1	20.2
LARGE TUBELESS	21.00R35	2*	E2A	E-4	276324	1,469	74	80.5	22.7

VELSL



E-4 RADIAL



V-STEEL E-LUG SL

- Strong Resistance to Heat Build-up, Cutting and Chipping
- Suitable for Large Dump Trucks Engaged in Earthmoving Work

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
GIANT TUBELESS	37.00R57	2*	E3A	E-4	424587	6,095	97	133.4	41.1

V M T P



E-4 RADIAL



V-STEEL M-TRACTION PREMIUM

- Premium Deep Tread Delivers Exceptional Tread Wear
- Excellent Lateral and Side Traction Performance
- Special Compounds for Exceptional Wear and Cut Resistance
- Ideal for Muddy Surfaces

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
LARGE TUBELESS	18.00R33	2*	E1A	E-4	422746	967	69	73.6	20.3
	18.00R33	2*	E2A	E-4	423866	979	69	73.6	20.3
	18.00R33	2*	E2A LS	E-4	422754	979	69	73.6	20.3
	21.00R33	2*	E2A	E-4	428818	1,378	77	78.7	22.8
	21.00R35	2*	E1A	E-4	422770	1,400	77	80.6	22.7
	21.00R35	2*	E2A	E-4	422789	1,444	77	80.6	22.7
	24.00R35	2*	E1A	E-4	3542	1,831	86	86.0	26.0
	24.00R35	2*	E2A	E-4	422991	1,831	86	86.0	26.0
	24.00R35	2*	E2A LS	E-4	423009	1,828	86	86.0	26.0
	24.00R35	2*	E3A	E-4	3035	1,786	86	86.0	26.0
	27.00R49	2*	E1A	E-4	422479	2,978	92	106.3	29.5
	27.00R49	2*	E2A	E-4	422460	3,018	92	106.3	29.5
	27.00R49	2*	E2A LS	E-4	423106	3,001	92	106.3	29.5
	27.00R49	2*	E3A	E-4	422461	3,017	92	106.3	29.5
GIANT TUBELESS	33.00R51	2*	E1A	E-4	423084	4,940	113	120.6	36.7
	33.00R51	2*	E2A	E-4	423076	4,974	113	120.6	36.7
	33.00R51	2*	E2A LS	E-4	423041	4,946	113	120.6	36.7
	33.00R51	2*	E3A	E-4	3878	4,850	113	120.6	36.7

V M T S



E-4 | RADIAL



V-STEEL M-TRACTION S

- Exceptional Side-Slip Resistance
- Non-Directional Tread Design ideal for Muddy or Soft Surfaces
- Wear Resistance for Longer Tread Life
- Self Cleaning Tread Design

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
SMALL TUBELESS	14.00R25	3*	E3A	E-4	295213	402	48	55.4	15.4
	16.00R25	2*	E2A	E-4	422347	606	57	60.4	17.7
	18.00R25	2*	E2A	E-4	418323	752	64	65.1	19.9

V R D P



E-4 | RADIAL



V-STEEL ROCK DEEP PREMIUM

- Extra-Deep Tread Design Extends Tire Tread Life
- Increased Air Chamber Capacity Results in Longer Life and Lower Operating Temperatures
- Extra-Deep Rock Tread with Sidewall Protectors

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
GIANT TUBELESS	40.00R57	2*	E2A	E-4	425724	8,488	122	140.7	43.6
	42/90R57	2*	E1A	E-4	425282	7,181	122	136.1	41.7
	42/90R57	2*	E2A	E-4	425299	7,220	122	136.1	41.7
	42/90R57	2*	E2A LS	E-4	425316	7,181	122	136.1	41.7
	42/90R57	2*	E3A	E-4	425333	7,181	122	136.1	41.7

VREP



E-4 RADIAL



V-STEEL ROCK E-PREMIUM RADIAL

- Low Heat Generation
- Exceptional Tread Life
- Unique 2-Stage Lug Design for Stability
- Suitable for 100 Ton Rigid Dump Trucks Running at High Speeds which can cause Extreme Heat Buildup inside the Tire

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
LARGE TUBELESS	27.00R49	2*	E1A	E-4	431385	3,088	84	105.9	29.5
	27.00R49	2*	E2A	E-4	431402	3,060	84	105.9	29.5
	27.00R49	2*	E2A LS	E-4	431419	3,050	84	105.9	29.5
	27.00R49	2*	E3A	E-4	431368	3,039	84	105.9	29.5

VREV



E-4 RADIAL



V-STEEL ROCK EXTRA V-OPERATION

- Ideal for Heavy Duty Mining Applications
- Wear Resistance for Longer Tread Life
- Inventive Pattern Improves Wear Resistance by 7% and Heat Resistance by 10% compared to Bridgestone VRPS

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
GIANT TUBELESS	46/90R57	2*	E1A	E-4	4535	8,800	122	140.6	45.1
	46/90R57	2*	E2A	E-4	4536	8,800	122	140.6	45.1
	46/90R57	2*	E2A LS	E-4	5308	8,000	122	140.6	45.1
	46/90R57	2*	E3A	E-4	4486	8,697	122	140.6	45.1

V R L S



E-4

RADIAL



V-STEEL R-LUG S

- Unique Non-Directional Rock Service Tread Pattern provides excellent traction
- Excellent Haulage Performance on Rock, Gravel, or Packed Earth
- Special Compounds Provide Excellent Wear and Cut Resistance for Long Tread Life
- Rock-Deep Tread for long life and Sidewall Protectors for additional protection

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
SMALL TUBELESS	14.00R25	3*	E2A	E-4	263419	427	49	55.2	15.4
LARGE TUBELESS	24.00R35	2*	E2A	E-4	422169	1,730	74	85.6	26.0
	24.00R35	2*	E1A	E-4	275883	1,712	74	85.6	26.0
	24.00R35	2*	E2A	E-4	419141	1,732	74	85.6	26.0
	30.00R51	2*	E3A	E-4	420603	3,851	94	114.6	33.6
LARGE TUBELESS	36.00R51	2*	E1A	E-4	421898	5,501	109	126.1	40.0
	36.00R51	2*	E2A	E-4	276367	5,533	109	126.1	40.0
	36.00R51	2*	E2A LS	E-4	419559	5,501	109	126.1	40.0
	36.00R51	2*	E3A	E-4	276405	5,499	109	126.1	40.0

VRPS



E-4 RADIAL



V-STEEL ROCK PREMIUM SERVICE

- Ultra-Durable Casing for Extra-long Tread Life
- Low Heat Generation
- Recommended for use in Copper, Iron, Gold, Coal and other Mines that require Extra Protection Against Tire Wear, Cuts and Punctures

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
GIANT TUBELESS	33.00R51	2*	E1A	E-4	3798	5,181	110	120.6	36.7
	33.00R51	2*	E2A	E-4	3795	5,181	110	120.6	36.7
	33.00R51	2*	E2A LS	E-4	3796	5,181	110	120.6	36.7
	33.00R51	2*	E3A	E-4	3797	5,181	110	120.6	36.7
	46/90R57	2*	E1A	E-4	429430	8,450	122	140.7	45.4
	46/90R57	2*	E2A	E-4	429447	8,450	122	140.7	45.4
	46/90R57	2*	E2A LS	E-4	429481	8,450	122	140.7	45.4
	46/90R57	2*	E3A	E-4	429464	8,450	122	140.7	45.4
	50/90R57	2*	E1A	E-4	429634	10,829	135	151.2	50.5
	50/90R57	2*	E2A	E-4	429651	10,829	135	151.2	50.5
	50/90R57	2*	E2A LS	E-4	429668	10,829	135	151.2	50.5
	50/90R57	2*	E3A	E-4	429685	10,829	135	151.2	50.5
	53/80R63	2*	E1A	E-4	429379	10,600	139	150.7	51.3
	53/80R63	2*	E2A	E-4	429396	10,600	139	150.7	51.3
	53/80R63	2*	E3A	E-4	429413	10,699	139	150.7	51.3
	59/80R63	2*	E1A	E-4	430892	12,605	146	158.1	57.8
	59/80R63	2*	E2A	E-4	430909	12,400	146	158.1	57.8
	59/80R63	2*	E2A LS	E-4	430977	11,500	146	158.1	57.8
	59/80R63	2*	E3A	E-4	430926	12,655	146	158.1	57.8

V R Q P



E-4

RADIAL



V-STEEL ROCK QUARRY PREMIUM

- Specially developed for Mid-Sized Rigid Dump Trucks working in Quarries and other Tough Operations
- Extra-Deep Tread for Longer Tire Life
- Innovative Tread Design for Improved Traction
- Reinforced Shoulder Design for Reduced Sidewall Damage

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
LARGE TUBELESS	18.00R33	2*	E2A	E-4	431504	1,080	81	74.4	20.3
	24.00R35	2*	E2A	E-4	431521	1,930	90	86.4	26.0
	24.00R35	2*	E2A LS	E-4	427900	1,933	90	86.4	26.0

V Z T P



E-4

RADIAL



V-STEEL Z-TRACTION PREMIUM

- Optimized Tread Pattern for Exceptional Traction
- Extra Sidewall Protectors to Reduce Rock Cuts
- Extra-Deep Tread Blocks Maximize Wear Life and Cut Protection

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
GIANT TUBELESS	46/90R57	2*	E1A	E-4	3917	8,718	122	141.1	45.1
	46/90R57	2*	E2A	E-4	5318	8,718	122	141.1	45.1
	46/90R57	2*	E2A LS	E-4	427951	8,718	122	141.1	45.1
	46/90R57	2*	E3A	E-4	5319	8,718	122	141.1	45.1

VZTS



E-4 RADIAL



V-STEEL Z-TRACTION S

- Exceptional Side-Slip Resistance
- Non-Directional Block Design with Side Protectors ideal for Muddy or Soft Conditions
- Special Compounds provide Exceptional Wear and Cut Resistance
- Suitable for Rocky Surfaces

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
GIANT TUBELESS	37.00R57	2*	E1A	E-4	422681	6,646	110	134.7	41.1
	37.00R57	2*	E2A	E-4	422975	6,681	110	134.7	41.1
	37.00R57	2*	E2A LS	E-4	422800	6,647	110	134.7	41.1
	37.00R57	2*	E3A	E-4	422819	6,644	110	134.7	41.1
	40.00R57	2*	E1A	E-4	422037	8,059	115	141.1	44.9
	40.00R57	2*	E2A	E-4	422584	8,099	115	141.1	44.9
	40.00R57	2*	E3A	E-4	421324	8,058	115	141.1	44.9

VLTS



E-4, L-4 RADIAL



V-STEEL L-TRACTION S

- Excellent Traction on Rocky, Gravel, and Packed Earth Surfaces in Mines, Quarries and Construction Sites
- Deep Tread for Extra-Long Tread Life
- Self-Cleaning Tread Design

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
SMALL TUBELESS	20.5R25	MS	DE2	E-4	424102	636	62	58.2	20.9
	23.5R25	MS	DE2	E-4	422738	875	68	63.6	24.1
	26.5R25	2*	E2A	E-4	422711	1,130	76	68.3	26.7
	750/65R25	2*	E2A	E-4	427560	1,078	69	63.9	30.1
LARGE TUBELESS	29.5R25	2*	E2A	E-4	422916	1,470	82	73.4	30.0
	875/65R29	MS	DE2	L-4	470	1,551	76	74.0	33.8

VSNT



E4/L4

RADIAL



V-STEEL N-TRACTION

- Deep Tread resists Cuts and Impacts
- Designed for Excellent Traction in Moderate to Severe Conditions without Compromising Tread Life
- Radial Multiple Star Construction for Heavy Duty Performance

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
SMALL TUBELESS	26.5R25	MS	DE2	E4/L4	423971	1,234	72	70.0	27.0
LARGE TUBELESS	29.5R25	MS	DE2	E4/L4	424196	1,589	76	75.0	30.2
	29.5R29	2*	D2A	L-4	3991	1,695	75	78.7	30.5
	35/65R33	MT	DUH	E4/L4	3789	2,332	79	81.7	35.6

VSNL



L-4

RADIAL



V-STEEL N-LUG

- Excellent Performance in Severe Rock Applications
- Durable Heavy-Duty Casing
- Multi-Purpose Loader Operations
- Rock Pattern Design offers Outstanding Traction, Stability and Comfort
- Sidewall Protection reduces Cuts and other Damage
- Good for Load and Carry Operations (consult your Bridgestone Representative)

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
SMALL TUBE TYPE	14.00R20	2*	D2A	L-4	157376	361	43	47.1	14.2
LARGE TUBELESS	35/65R33	2*	D2A	L-4	429277	2,281	79	81.7	34.6
GIANT TUBELESS	45/65R45	2*	D2A	L-4	429855	4,825	95	107.5	44.2

VSD L



L-5 RADIAL



V-STEEL D-LUG

- Extra-Deep Tread and Shoulder Protection offer Cut and Impact Resistance, Stability, and Ride Comfort
- Excellent Traction in Severe or Rocky Conditions
- Designed for Extra-Heavy Duty Loader Performance

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
SMALL TUBE TYPE	8.25R15	2*	D2A	L-5	424544	158	60	34.6	9.8
	10.00R15	2*	D2A	L-5	157384	182	60	35.6	11.3
	12.00R20	2*	D2A	L-5	157392	325	72	46.0	12.6
SMALL TUBELESS	14.5R15	2*	D2A	L-5	152455	212	60	35.4	14.1
	17.5R25	1*	D2A	L-5	423165	585	86	55.1	17.3
	20.5R25	1*	D2A	L-5	421855	881	99	61.1	20.9
	23.5R25	1*	D2A	L-5	420565	1,175	110	65.8	24.1
	23.5R25	2*	D2A	L-5	422428	1,162	110	65.8	24.1
	26.5R25	1*	D2A	L-5	420573	1,582	120	70.5	26.9
	26.5R25	2*	D2A	L-5	421332	1,594	120	70.5	26.9
LARGE TUBELESS	29.5R25	1*	D2A	L-5	420581	2,007	131	75.8	30.2
	29.5R25	2*	D2A	L-5	423432	2,045	131	75.8	30.2
	29.5R29	2*	D2A	L-5	421758	2,159	132	79.1	30.6
	35/65R33	2*	D2A	L-5	425010	2,720	120	81.7	34.6
	45/65R39	1*	D2A	L-5	423378	4,848	146	101.6	42.3
	45/65R39	1*	D2A LS	L-5	423386	4,842	146	101.6	42.3
GIANT TUBELESS	45/65R45	1*	D2A DAL	L-5	419036	5,492	141	107.5	44.2
	45/65R45	2*	D2A DAL	L-5	426047	5,492	141	107.5	44.2
	45/65R45	2*	D2A LAC	L-5	422843	5,484	141	107.5	44.2
	50/65R51	2*	D2A	L-5	428053	7,992	161	120.9	50.3
	55.5/80R57	2*	D2A	L-5	422568	13,544	158	147.2	54.9
	60/80R57	2*	D2A	L-5	430229	15,200	149	155.6	58.7

VSDR



L-5 RADIAL



V-STEEL SUPER DEEP RADIAL

- Premium, Rigid Pattern with Extra Long Wear Life
- Improved Cut Resistance
- Specially Designed for Loaders and Dozers
- Ideal for Extremely Rocky Surfaces such as Underground Mining, Open Pits, Quarries and Waste Operations

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
SMALL TUBELESS	20.5R25	1*	D2A	L-5	000996	862	98	61.1	20.9
	20.5R25	2*	D2A	L-5	000997	871	98	61.1	20.9

VSDT



L-5 RADIAL



V-STEEL SUPER DEEP TRACTION

- Excellent Traction on Moderate to Severe Conditions
- Extra-Heavy Duty 1* and 2* Radial Casing Designs
- Extra-Deep Tread for Excellent Traction, Comfortable Ride, Superior Cut Resistance and Long Tread Life.
- Wide Tread helps Minimize Sidewall Cuts

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
SMALL TUBELESS	23.5R25	1*	D2A	L-5	423548	1,135	100	65.4	24.4
	26.5R25	1*	D2A	L-5	423955	1,494	111	69.9	27.4
LARGE TUBELESS	29.5R25	2*	D2A	L-5	424145	1,902	121	74.9	30.7
	29.5R29	2*	D2A	L-5	424420	1,956	121	78.3	30.7
	35/65R33	2*	D2A	L-5	002111	2,747	121	81.7	35.0

VSMS



L-5S RADIAL



V-STEEL SMOOTH TREAD MINE SERVICE

- Maximum Cut and Wear Resistance
- Extra-Deep Tread for Severe Conditions
- Extra Heavy Duty 2* Radial Casing Design
- Reinforced All-Steel Radial Casing

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
SMALL TUBE TYPE	9.00R20	2*	D2A	L-5S	150908	236	64	41.5	10.2
	12.00R20	2*	D2A	L-5S	150916	351	72	46.2	12.3
	12.00R24	2*	D2A	L-5S	150924	410	72	50.2	12.3
	14.00R24	2*	D2A	L-5S	211240	603	91	54.8	15.4
SMALL TUBELESS	18.00R25	2*	D2A	L-5S	422282	1,092	106	65.9	20.2

VSMS2



L-5S RADIAL



V-STEEL SMOOTH TREAD MINE SERVICE 2

- Extra-Deep Tread for Severe Conditions
- Extra Heavy Duty 2* Radial Casing Design
- Sidewall Design Improves Cut Resistance by 30% and Service Life by 5% compared to Bridgestone VSMS which also helps lower operating cost

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
SMALL TUBELESS	17.5R25	2*	D2A	L-5S	4724	642	86	54	18
	26.5R25	2*	D2A	L-5S	4604	1,777	120	69.9	27.7
LARGE TUBELESS	29.5R29	2*	D2A	L-5S	4605	2,449	132	79.1	31.2



BIAS TIRES

FG



L-2 | BIAS



EXCAVATOR

FAST GRIP

- Self-cleaning Tread Design
- Directional Long Service Tread
- Exceptional Flotation and Traction on Soft Soil or Mud

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
SMALL TUBELESS	12.5 / 70-16	8	D2A	L-2	298433	80	26	33.9	12.6
	15.5 / 60-18	8		L-2	290416	90	27	36.7	15.4
	10.00-20	16	D2A	L-2	211233	100	23	41.6	10.9
	11.00-20	16		L-2	153524	123	31	43.3	11.8

RL



E-3, L-3 | BIAS



EXCAVATOR

R-LUG

- Non-Directional Pattern for Outstanding Rough Terrain Traction
- Special Compounds to Resist Cutting
- Exceptional Cut Resistance
- Designed for Operating on Rock, Coal and Earth Surfaces

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
SMALL TUBE TYPE	12.00-20	18	E1A	E-3	285366	166	32	44.8	12.4
	14.00-24	28	E2A	E-3	296295	310	35	53.3	15.2
SMALL TUBELESS	17.5-25	16	D2A	L-3	425605	268	37	52.9	17.1

V L 2



E-3, L-3 | BIAS



V-LUG 2

- Built with a Specially Compounded Rubber to Resist Cutting and Wearing, as well as Overheating
- Designed for Operating on Rock, Coal and Earth Surfaces
- Improved Durability and Low Vibration.

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
SMALL TUBELESS	17.5-25	16	D2A	L-3	3791	278	38	53.1	17.5
	20.5-25	16	D2A	L-3	3790	403	42	58.3	21.3
	23.5-25	20	D2A	L-3	5309	642	54	63.3	24.3
	26.5-25	20	DE2	E3/L3	3553	807	55	68.4	26.9

R L S



E-4, L-4 | BIAS



R-LUG S

- Deep Non-Directional Tread Pattern
- Special Compounds to Resist Cutting
- Excellent Self-Cleaning Tread Design
- Designed for Operating on Rock, Coal and Earth Surfaces where Serviceability and Tread Cutting are Problems

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
SMALL TUBELESS	26.5-25	26	D2A	L-4	3551	1,068	84	70.3	27.6
LARGE TUBELESS	29.5-25	28	D2A	L-4	275328	1,432	94	75.3	30.9
	24.00-35	42	E2A	E-4	276057	1,640	83	86.6	25.8

DL**L-5** | **BIAS****D-LUG**

- Extra-Deep Tread and Rugged Casing for Rough Terrain
- Exceptional Cut and Impact Resistance
- Extra-Deep, Specially Compounded Rubber and Shoulder Ribs ensure Maximum Serviceability, Excellent Traction and Stability
- Designed for Severe Rocky Surfaces

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
SMALL TUBELESS	17.5-25	16	D2A	L-5	261173	485	88	55.5	17.5
	26.5-25	20	D2A	L-5	275530	1,363	122	70.8	27.3
LARGE TUBELESS	29.5-25	28	D2A	L-5	423408	1,856	133	74.8	30.2
	35/65-33	42	D2V	L-5	422150	2,930	122	81.7	35.3
GIANT TUBELESS	45/65-45	58	D2V	L-5	419400	5,933	146	107.5	45.1
	50/65-51	62	D2A NY	L-5	429515	7,879	161	120.9	49.6
	50/65-51	62	D2V NS	L-5	417971	8,436	161	120.9	49.6
	65/65-57	62	D2V	L-5	424080	15,883	180	147.0	64.6

STMS



L-5S | BIAS



SMOOTH TREAD MS

- Exceptional Cut and Impact Protection
- Smooth, Extra-Deep, and Specially Compounded Rubber ensures Maximum Resistance to Cutting and Wearing
- Designed for Severe, Rocky Surfaces, such as those in Open Pits and Quarries

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
SMALL TUBE TYPE	12.00-24	20	D2A	L-5S	295256	350	69	50.2	12.6
	14.00-24	20	D2A	L-5S	263303	534	98	54.1	14.4
SMALL TUBELESS	17.5-25	20	D2A	L-5S	261289	627	87	54.5	17.7
	18.00-25	32	D2A	L-5S	420972	1,092	106	65.9	20.5
	26.5-25	32	D2A	L-5S	275573	1,869	120	70.8	26.8
	26.5-25	36	D2A	L-5S	421863	1,904	120	70.8	26.8
LARGE TUBELESS	29.5-29	34	D2A	L-5S	419095	2,384	130	79.6	29.5
	35/65-33	42	D2V	L-5S	424874	3,298	122	81.7	35.3
GIANT TUBELESS	45/65-45	58	D2V	L-5S	422657	6,681	146	107.5	45.1



SPECIALTY TIRES

VGT



RADIAL



V-STEEL G TRACTION

- All-Terrain Radial Performance
- Cut Resistant Tread Design for Even Wear
- Designed for Fire and Rescue Vehicles, Military Vehicles, and Mobile Cranes
- Excellent Traction and Durability
- U.S. DOT Approved for On-Highway Use and High Speed

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
SMALL TUBELESS	24R21	1*	N/A	Firefighting	418951	436	31	54.3	23.7
	445/80R25	2*	N/A	Crane	424976	327	30	52.7	17.3

VHS



RADIAL



V-STEEL HIGH SPEED SERVICE

- Specially Designed for High Speed Mobile Crane Service
- Non-Directional Tread Pattern
- Smooth Wearing, Low Noise, Low Vibration Tread Pattern
- U.S. DOT Approved for On-Highway Use

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
SMALL TUBE TYPE	385/95R24 ++	3*	N/A	Crane	421790	315	29	53.4	15.1
SMALL TUBELESS	385/95R25 ‡	3*	N/A	Crane	430824	320	29	53.4	15.1
	445/95R25 ‡	2*	N/A	Crane	430841	440	32	58.4	17.1
	525/80R25 ‡	2*	N/A	Crane	5300	491	39	58.3	21.1
GIANT TUBELESS	36.00R51 †	2*	E3A	E-2	430280	4,564	55	122.4	40.0

++ = Speed Rating E
 ‡ = Speed Rating F
 † = off highway use only



V S B

RADIAL



V-STEEL S-BLOCK

- Logging, Multi-Purpose Mining and Heavy Axle Applications
- Heavy Duty All-Steel Radial Casing Design
- Traction Pattern for All Road Conditions and Maneuverability
- Suitable for both Gravel and Hard Parked Surfaces like Paved Roads
- Designed for Heavy-Duty Trucks and Trailers

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
SMALL TUBE TYPE	14.00R24	L	N/A	Logging	3356	358	27	53.7	15.2
	14.00R24	3*	E2A	E-2	299367	356	27	53.7	15.4
SMALL TUBELESS	14.00R25	L	N/A	Logging	3360	363	27	53.7	15.2



V S J

E-7 RADIAL



V-STEEL JAMAL

- Designed for Fire/Rescue and Military Trucks
- Unique Tread Design ensures Maximum Flotation and Traction
- Designed for Operating on Desert or Soft Ground, as well as Paved Roads

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
SMALL TUBELESS	21.00R25			E-7	419362	741	28	68.0	23.2

VCH



IND-3 RADIAL



V-STEEL CONTAINER HANDLER

- Heavy Duty Radial Construction for Container Handler Applications
- Strong Resistance to Puncture and Sidewall Damage
- Industrial Application Compound and Construction
- Features Extra-Long Life, thanks to a Newly Developed Tread Compound and Smooth Wear due to Optimized Contact Pressure

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
SMALL TUBE TYPE	12.00R24	2*	IDU	Industrial	190177	300	37	49.4	12.7
	14.00R24	3*	IDU	Industrial	293016	414	42	54.8	15.4

VCHD



IND-4 RADIAL



V-STEEL CONTAINER HANDLER DEEP

- Strong Resistance to Puncture and Sidewall Damage
- Deep Tread Heavy Duty Radial Construction for Container Handler Applications
- Features Extra-Long Life, thanks to a Unique Tread Compound and Smooth Wear Due to Optimized Contact Pressure
- Industrial Application Compound and Construction

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
SMALL TUBELESS	16.00R25	2*	IDU	Industrial	422053	633	68	59.1	17.1

VCHR



IND-4 RADIAL



V-STEEL CONTAINER HANDLER R

- Heavy Duty Radial Construction for Container Handling Applications
- Designed for Optimum Irregular Wear Resistance
- Industrial Compound and Construction Application
- Exceptionally Long Tread Life, Superior Driving Comfort and Enhanced Overall Operating Efficiency

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
SMALL TUBELESS	16.00R25	2*	IDU	Industrial	431810	625	63	59.2	17.1

VCHS



IND-4 RADIAL



V-STEEL CONTAINER HANDLER S

- Deep Tread Heavy Duty 3* Radial Construction for Container Handler Applications
- Optimum Design for Sidewall Stability
- Industrial Application Compound and Construction
- All-Steel Radial Casings Improve Operational Stability and Safety
- Unique Pattern is Designed for Longer Tread Life by Preventing Irregular Wearing

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
SMALL TUBE TYPE	12.00R20	3*	IDU	Industrial	227397	308	52	44.8	11.7
	14.00R24	3*	IDU	Industrial	188205	520	79	55.6	15.1
SMALL TUBELESS	14.00R24	3*	IDU	Industrial	7273	525	79	55.6	15.1
	18.00R25	3*	IDU	Industrial	423939	929	81	65.0	19.8
LARGE TUBELESS	18.00R33	3*	IDU	Industrial	424064	1,104	86	73.1	19.4



VRLS

IND-4 RADIAL



V-STEEL R-LUG S

- Deep Non-Directional Rock Service Tread Pattern
- Excellent Haulage Performance on Rock, Gravel, or Packed Earth
- Rock-deep Tread and Sidewall Protectors

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
SMALL TUBELESS	16.00R25	2*	IDU	Industrial	423203	613	57	60.3	17.6



VSDL

IND-5 RADIAL



V-STEEL D-LUG

- Extra-Deep Tread and Shoulder Protection offer Cut and Impact Resistance, Stability, and Ride Comfort
- Excellent Traction in Severe Conditions
- Designed for Extra-Heavy Duty Performance
- Specially Designed Sidewall provides Extended Protection from Cutting
- Designed for Severe or Rocky Surfaces and Underground Use

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
LARGE TUBELESS	35/65R33	2*	IDU	Industrial	429872	2,720	120	81.7	34.6

V S M S



IND-5 RADIAL



V-STEEL SMOOTH TREAD

- Maximum Cut and Wear Resistance
- Extra-Deep Tread for Severe Conditions
- Extra-Heavy Duty 2* All-Steel Radial Casing Design

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
SMALL TUBELESS	18.00R25	2*	IDU	Industrial	423785	1,100	105	65.9	20.2

R L



IND-3 RADIAL



R-LUG

- Non-Directional Pattern for Outstanding Rough Terrain Traction
- Special Compounds to Resist Heat and Cutting
- Exceptional Cut Resistance
- Designed for Operating on Rock, Coal and Earth Surfaces

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
SMALL TUBELESS	21.00-25	40	IDU	Industrial	424789	1015	52	68.9	22.4



ELS2

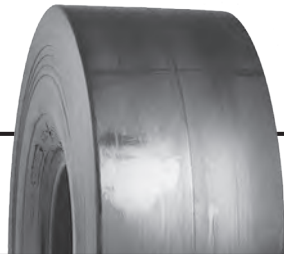
IND-4 BIAS



E-LUG S2

- Designed for Container Handler Applications
- Strong Resistance to Puncture and Sidewall Damage
- Industrial Application Compound and Construction

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
SMALL TUBELESS	18.00-25	40	IDU	Industrial	422894	853	84	66.3	20.3
LARGE TUBELESS	18.00-33	36	IDU	Industrial	423645	973	84	73.9	20.3



STMS

IND-5 BIAS



SMOOTH TREAD MS

- Extra Deep Tread for Maximum Life and Exceptional Cut Resistance
- Designed for Container Handler Applications
- STMS's Smooth, Extra-Deep, and Specially Compounded Rubber ensures Maximum Resistance to Cutting, Wearing, and Heat

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
SMALL TUBELESS	18.00-25	40	IDU	Industrial	422231	1,083	106	65.9	20.5



RR

C-1 **BIAS**



ROAD ROLLER

• Smooth Tread is specially designed for Compacting Road Materials

CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD (32ND)	OVERALL DIAMETER	OVERALL WIDTH
TUBE TYPE	9.5 / 65-15	6		C-1	226751	51	22	26.4	9.4
TUBELESS	7.50-16	6		C-1	299944	69		32.0	8.9
TUBE TYPE	9.00-20	10		C-1	289450	113		39.6	10.4
	14 / 70-20	12		C-1	191112	155		38.4	15.0

ABBREVIATION	TREAD PATTERN	PAGE
DL	D-LUG	26
ELS2	E-LUG S2	35
FG	FAST GRIP	24
RL	R-LUG	24, 34
RLS	R-LUG S	25
RR	ROAD ROLLER	36
STMS	SMOOTH TREAD-MS	27, 35
VCH	V-STEEL CONTAINER HANDLER	31
VCHD	V-STEEL CONTAINER HANDLER DEEP	31
VCHR	V-STEEL CONTAINER HANDLER-R	32
VCHS	V-STEEL CONTAINER HANDLER S	32
VELS	V-STEEL E-LUG S	11
VELSL	V-STEEL E-LUG SL	11
VFT	V-STEEL F-TRACTION	4
VGT	V-STEEL G-TRACTION	29
VHS	V-STEEL HIGH SPEED SERVICE	29
VJT	V-STEEL J-TRACTION	10
VKT	V-STEEL K-TRACTION	6
VL2	V-LUG 2	25
VLT	V-STEEL L-TRACTION	8
VLTS	V-STEEL L-TRACTION S	18
VMT	V-STEEL M-TRACTION	9
VMTP	V-STEEL M-TRACTION PREMIUM	12
VMTS	V-STEEL M-TRACTION S	13

ABBREVIATION	TREAD PATTERN	PAGE
VRDP	V-STEEL ROCK DEEP PREMIUM	13
VREP	V-STEEL ROCK E-PREMIUM RADIAL	14
VREV	V-STEEL ROCK EXTRA V-OPERATION	14
VRF	V-STEEL ROCK FAST PREMIUM	7
VRL	V-STEEL R-LUG	8
VRLS	V-STEEL R-LUG S	15, 33
VRPS	V-STEEL ROCK PREMIUM SERVICE	16
VRQP	V-STEEL ROCK QUARRY PREMIUM	17
VSBL	V-STEEL S-BLOCK	30
VSDL	V-STEEL D-LUG	20, 33
VSDR	V-STEEL SUPER DEEP ROCK	21
VSDT	V-STEEL SUPER DEEP TRACTION	21
VSJ	V-STEEL JAMAL	30
VSMS	V-STEEL SMOOTH TREAD MINE SERVICE	22, 34
VSMS2	V-STEEL SMOOTH TREAD MINE SERVICE 2	22
VSNL	V-STEEL N-LUG	19
VSNT	V-STEEL N-TRACTION	19
VSW	V-STEEL SNOW WEDGE	5
VSWAS	V-STEEL SNOW WEDGE ALL SEASON	4
VTS	V-STEEL TRACTION AND STABILITY	10
VUT	V-STEEL ULTRA TRACTION	7
VZTP	V-STEEL Z-TRACTION PREMIUM	17
VZTS	V-STEEL Z-TRACTION S	18

Off Road Tire Limited Warranty - EFFECTIVE: JANUARY 1, 2012**LIMITED WARRANTY**

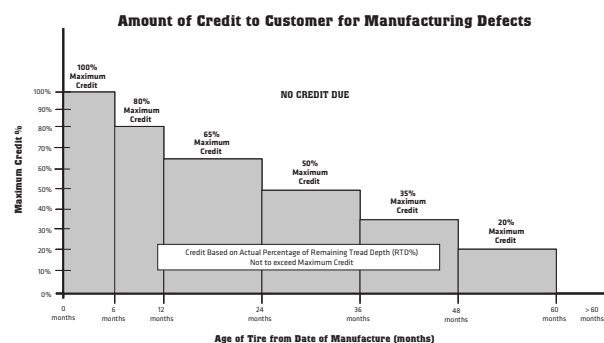
The following warranty contains certain rights and obligations that pertain to Bridgestone and Firestone branded off-the-road (OTR) tires. Please review these rights and obligations carefully.

DEFINITION

This Limited Warranty covers all Bridgestone and Firestone branded OTR tires as designated in Bridgestone and Firestone OTR product listings (price books and catalogs). It does not include, among others, agricultural tires, aircraft, light construction tires, or tires marked "NA" (not adjustable).

ELIGIBILITY

Every OTR tire bearing the name Bridgestone or Firestone and with a complete serial number molded in the sidewall is warranted to be free from manufacturing defects within the manufacturer's control. If an examination by an authorized Bridgestone or Firestone OTR representative shows that any such tire failed as a result of manufacturing defects, it will, at the option of Bridgestone Americas Tire Operations (BATO), either be repaired at no charge, or a credit will be issued toward the purchase price of a replacement tire, being a comparable Bridgestone or Firestone OTR product. This credit will be determined by applying the lesser of the percentage of remaining tread depth (RTD%) and the maximum age based credit shown in the following chart.



The replacement percentage will be multiplied by the original purchase price of the tire (excluding federal excise tax) to determine the amount of credit to be applied. Such credit must be applied toward the purchase price of the replacement tire in effect at the time of adjustment.

All adjusted tires will be disabled and the serial numbers will be removed. Customer is responsible for the disposal of all adjusted tires.

This warranty coverage is for OTR tires used within published designed specifications for Bridgestone and Firestone tires. Any use outside such specifications automatically voids this warranty. Please consult Bridgestone or Firestone data books, maintenance manuals, etc. for design specifications. This warranty does not apply to used or "NA" (not adjustable) tires.

TIME PERIOD

This warranty applies to Bridgestone and Firestone brand OTR tires for a maximum period of five years (60 months) from date of manufacture. The date of manufacture can be determined by the second and third digits in the serial number code. For non-serial controlled tires, the date of manufacture can be determined from the production lot code.

LIMITATIONS

This Limited Warranty is applicable to the original purchaser and is not assignable to subsequent purchasers.

No Bridgestone or Firestone dealer, agent, or representative has the authority to make or imply any representation, promise or agreement which in any way varies or extends the terms of this warranty.

Any tire, no matter how well manufactured, may fail in service or become unserviceable due to conditions beyond the control of the manufacturer. This Limited Warranty is under no circumstances a representation that a tire failure cannot occur.

This limited warranty gives you specific rights and you may also have

other rights which may vary from jurisdiction to jurisdiction. To the extent that the provisions of any applicable legislation expressly replace, eliminate, amend or prohibit any term or terms contained herein, such term or terms shall be accordingly replaced, eliminated, amended or extended, as the case may be, in accordance with such legislation.

LIMITED WARRANTY EXCLUSIONS - ALL OTR TIRES AND TUBES

All OTR tire and tube warranties are subject to the following exclusions:

1. Tires purchased more than 60 months from the date of manufacture.
2. Tires for which alternative warranties or guarantees have been negotiated.
3. Tire used under chains. BATO does recognize that in many applications tire chains provide enhanced tire protection and may extend tire life. In these cases, BATO may extend special negotiated warranties. Please consult your BATO Off Road Tire Division representative for details.
4. Damage resulting from misuse, improper mounting, misapplication, use of non-approved rims, improper inflation, overloading, running flat, misalignment or imbalance of wheels/rims, defective brakes or shock absorbers, abuse, willful damage, oil, chemical action, fire or other externally-generated heat, use of studs, water or other material entrapped inside the tire, vehicle damage or road hazards (such as rock cuts, punctures, cut separations, impacts, flex breaks).
5. Claims for irregular wear or rapid tread wearout are not covered by this limited warranty.
6. Any tire which is operated above its ton-mile-per-hour (TMPH) or Tonne-kilometer-per hour (TKPH) rating.
7. Tires mounted with non-approved tubes or o-rings.
8. Used, Repaired, or Retread tires.
9. Any modifications to the tire (added butress shoulders, regrooving, relugging, etc.) void all warranties.
10. Any material added to the tire (tire fill, sealer, balancer, etc.) is not covered by this limited warranty and will not be compensated for in case of credit being issued for the tire.
11. Use of a solid type fill (such as urethane) voids all warranties.
12. Any costs associated with the repair of tires are not covered unless previously approved by BATO.
13. Costs of mounting and balancing following pro-rated replacement or repair of tires or tubes, and applicable federal, state, provincial, and local taxes, are not covered under this warranty.
14. Cost of disposal of warranted tires. Disposal of tires is the sole responsibility of the customer.
15. ALL OTHER WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY DISCLAIMED TO THE EXTENT PERMITTED BY LAW.
16. Some jurisdictions do not allow limitations in how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.
17. ALL OBLIGATIONS OR LIABILITIES FOR INDIRECT, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGE ARE HEREBY EXCLUDED TO THE EXTENT PERMITTED BY LAW, INCLUDING ECONOMIC LOSS, LOSS OF PROFIT, LOSS OF USE OF VEHICLE, LOSS OF TIME, PERSONAL INJURY OR DEATH.

TO OBTAIN WARRANTY SERVICE

1. Contact an authorized Bridgestone or Firestone OTR dealer or representative. Please be prepared to provide proof of purchase of the product and purchase date.
2. The authorized dealer or representative will contact Bridgestone Americas to arrange the inspection of the tire in question and processing of your claim. The dealer has no authority or responsibility to make the determination as to eligibility for coverage under this warranty.



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