



Firestone

**OFF-THE-ROAD
PRODUCT GUIDE**

VERSION 17.2

Welcome,

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

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.

Firestone 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 Firestone dealer or contact a Firestone OTR representative.

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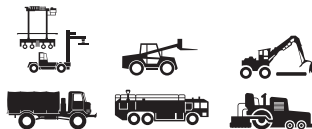
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MACHINE SUMMARY

RADIAL, BIAS, SPECIALTY

MACHINE	TRACTION	ROCK	ROCK DEEP	ROCK EXTRA DEEP	ROCK EXTRA DEEP SMOOTH	INDUSTRIAL & OTHER	CONSTRUCTION
DUMP TRUCK RIGID		SRG	SRG DT				
DUMP TRUCK ARTICULATED		VeresaBuilt AP	VeresaBuilt DT				
GRADER	VeresaBuilt AT SGG		SRG DT RB				
LOADER / DOZER	VeresaBuilt AT SGG	VeresaBuilt AP SRG SRG LD	VeresaBuilt DT Duraload DT SRG DT LD	Duraload SDT HTLD SDT LD	Duraload PT PTLD PTLD UMS		
SCRAPER		SRG SRG LD	SRG DT				
UNDERGROUND					Duraload PT PTLD PTLD UMS		
CONTAINER HANDLER & INDUSTRIAL MACHINES						PT SRG SRG DT SRG DT LD	
OTHER	SGG	SRG LD				PTLD Sand Champion SRG DT	Duraforce AP Duraforce MH

COMPACT

APPLICATION	TRACTION	ROCK	ROCK DEEP	ROCK EXTRA DEEP	ROCK EXTRA DEEP SMOOTH	INDUSTRIAL & OTHER	CONSTRUCTION
BACKHOE							All Traction Utility Duraforce RT Industrial Special Super Traction Loader Duraforce HD Duraforce DT Duraforce ND Duraforce SDT Super Traction Duplex
SKID STEER							Duraforce HD Duraforce DT Duraforce ND Duraforce SDT Super Traction Duplex
OTHER							Duraforce HD Duraforce ND Duraforce SDT Duraforce Utility Super Traction Duplex

FIRESTONE SPECIFICATION CODES

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

ABBREVIATIONS	DESCRIPTION
STC	Standard Compound/Construction
CRC	Cut Resistant Compound/Construction (Type 2-A)
NY	Nylon
NS	Nylon Steel [Nylon Casing with Steel Breaker Belts]
UMS	Underground Mining Service
IDU	Industrial
MH	Material Handler
N/A	Not Applicable

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





VERSABUILT ALL TRACTION

VERSABUILT AT G-2, L-2

- Provides serious traction and dependable performance
- Self-Cleaning Tread Pattern to provide traction on multiple surfaces
- Tough, proprietary compound for long wear life and cut resistance
- Built with steel casings and sidewall SideArmor to protect against cuts and punctures by deflecting stone and debris



CATEGORY	SIZE	PLY/STAR RATING	COMPOUND/ CONSTRUCTION	TRA # / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD [32ND / MM]	OVERALL DIAMETER [INCH / MM]	OVERALL WIDTH [INCH / MM]
SMALL TUBELESS	17.5R25	1*	CRC	G2L2	5507	286	36 29	52.8 1,340	17.3 440
	20.5R25	1*	CRC	G2L2	5508	377	41 32	58.3 1,480	20.5 520
	23.5R25	1*	CRC	G2L2	5509	653	45 36	63.2 1,606	24.1 612



VERSABUILT ALL PURPOSE

VERSABUILT AP E-3, L-3

- Designed for traction and dependable performance across a variety of surfaces
- Tough, proprietary compound for long wear life and cut resistance
- Built with steel casings and sidewall SideArmor to protect against cuts and punctures by deflecting stone and debris



CATEGORY	SIZE	PLY/STAR RATING	COMPOUND/ CONSTRUCTION	TRA # / APPLICATION	ARTICLE #	AVERAGE WEIGHT [LBS / KG]	OTD [32ND / MM]	OVERALL DIAMETER [INCH / MM]	OVERALL WIDTH [INCH / MM]
SMALL TUBELESS	17.5R25	MS	CRC	E3L3	5498	314	36 29	52.8 1,340	17.3 440
	20.5R25	MS	CRC	E3L3	5499	473	41 32	58.3 1,480	20.5 520
	23.5R25	MS	CRC	E3L3	5501	654	45 36	63.2 1,606	24.1 612
	26.5R25	MS	CRC	E3L3	5502	909	48 38	68.5 1,739	26.9 684
LARGE TUBELESS	29.5R25	MS	CRC	E3L3	5503	1116	53 42	73.1 1,857	30.2 768



VERSABUILT DEEP TREAD

VERSABUILT DT E-4, L-4

- Deep tread pattern designed to provide long wear life and dependability
- Self cleaning tread pattern provides solid traction, especially well suited for dump trucks.
- Tough, proprietary compound promotes long wear life and provides increased resistance to punctures and cuts
- Built with steel casings and sidewall SideArmor to protect against cuts and punctures by deflecting stone and debris



CATEGORY	SIZE	PLY/STAR RATING	COMPOUND/ CONSTRUCTION	TRA # / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD [32ND / MM]	OVERALL DIAMETER [INCH / MM]	OVERALL WIDTH [INCH / MM]
SMALL TUBELESS	23.5R25	MS	CRC	E4L4	5504	776	67 53	64.6 1,642	24.1 612
	26.5R25	MS	CRC	E4L4	5505	965	67 53	69.7 1,771	26.9 684
LARGE TUBELESS	29.5R25	MS	CRC	E4L4	5506	1222	78 62	74.9 1,902	30.2 768

BIAS TIRES



STABILITY

Firestone bias tires provide stability so machines operate with less swaying and a more solid footing, especially in higher load and lift applications.



DURABILITY

Firestone bias tires are built with multiple plies for additional strength and durability.

SUPER GROUND GRIP

SGG E-2, G-2, L-2

- Directional Tread Pattern
- Self-Cleaning Tread Design
- Exceptional Flotation and Traction in Soft Soil or Mud



CATEGORY	SIZE	PLY/STAR RATING	COMPOUND/ CONSTRUCTION	TRA # / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD [32ND]	OVERALL DIAMETER [INCH]	OVERALL WIDTH [INCH]
SMALL TUBELESS	13.00-24	12	MH	G2/L2	429209	151	29	50.3	14.5
	13.00-24	16	STC	G2/L2	425163	174	29	50.3	14.5
	14.00-24	12	STC	G2/L2	425214	184	31	53.2	16.0
	14.00-24	16	STC	G2/L2	425384	206	31	53.2	16.0
	16.00-24	16	STC	G-2	426166	316	31	57.4	17.7
	15.5-25	12	STC	E2/L2	425248	184	29	50.0	15.8
	17.5-25	12	STC	L-2	425129	222	31	53.6	18.0
	17.5-25	16	STC	L-2	425180	245	31	53.6	18.0
	17.5-25	20	STC	L-2	429243	275	31	53.6	18.0
	20.5-25	12	STC	E2/L2	405175	328	35	58.5	21.0
	20.5-25	16	STC	E2/L2	408492	339	35	58.5	21.0
	23.5-25	20	STC	E2/L2	404969	499	39	63.4	24.1
	LARGE TUBELESS	29.5-25	22	STC	E2/L2	404810	875	47	74.3



SUPER ROCK GRIP

SRG E-3, L-3

- Non-Directional Rock Tread Pattern for Excellent Traction and Flotation
- Extra-Tough Tread Compound for Cut and Impact Protection
- Widebase Sizes offer Wide Cross Section and Tread



CATEGORY	SIZE	PLY/STAR RATING	COMPOUND/ CONSTRUCTION	TRA # / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD [32ND]	OVERALL DIAMETER [INCH]	OVERALL WIDTH [INCH]
SMALL TUBELESS	16.00-25	28	STC	E-3	413518	460	36	58.8	17.2
	26.5-25	26	STC	E3/L3	401757	796	44	69.2	26.6
LARGE TUBELESS	29.5-29	28	STC	E-3	401889	1,178	48	78.0	30.8
	29.5-29	34	STC	E-3	401625	1,221	48	78.0	30.8
	33.25-29	32	STC	E-3	280138	1,610	57	82.3	33.9
	37.5-33	42	STC	E3/L3	401501	2,224	58	93.3	38.2
	29.5-35	34	STC	E-3	401668	1,319	48	83.4	30.5
	33.25-35	38	STC	E-3	410241	1,870	53	89.7	33.7
	37.25-35 +	36	STC	E-3	413461	2,241	62	94.7	37.9
	37.5-39 +	52	STC	E-3	412546	2,781	60	99.5	38.0
	18.00-49	32	STC	E-3	401560	1,099	34	87.0	19.4
	30-56.5	48	STC	E-3	413127	2,441	53	103.4	28.5

+ = similar to marked photo



SUPER ROCK GRIP LOADER DOZER

SRG LD E-3, L-3

- Non-Directional Rock Tread Pattern for Excellent Traction and Flotation
- Extra-Tough Tread Compound for Cut and Impact Protection
- Widebase Sizes offer Wide Cross Section and Tread



CATEGORY	SIZE	PLY/STAR RATING	COMPOUND/ CONSTRUCTION	TRA # / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD [32ND]	OVERALL DIAMETER [INCH]	OVERALL WIDTH [INCH]
SMALL TUBELESS	17.5-25	12	CRC	L-3	425537	221	32	53.4	18.0
	17.5-25	16	STC	L-3	425554	242	32	53.4	18.0
	17.5-25	20	STC	L-3	425571	327	32	53.4	18.0
	20.5-25	16	STC	E3/L3	408476	341	35	59.0	21.1
	20.5-25	20	STC	E3/L3	414646	366	35	59.0	21.1
	23.5-25	20	STC	E3/L3	400610	551	39	63.9	24.2
	26.5-25	20	STC	E3/L3	400629	756	44	69.2	26.6
LARGE TUBELESS	29.5-25	28	STC	E3/L3	414638	1,056	48	74.0	30.8
	29.5-29	40	STC	L-3	416916	1,379	48	78.0	30.8



SUPER ROCK GRIP DEEP TREAD

SRG DT E-4

- Extra Heavy-Duty Non-Directional Design
- Exceptional Traction
- Extra-Deep Tread Design provides Excellent Resistance to Impacts and Cuts



CATEGORY	SIZE	PLY/STAR RATING	COMPOUND/ CONSTRUCTION	TRA # / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD [32ND]	OVERALL DIAMETER [INCH]	OVERALL WIDTH [INCH]
SMALL TUBELESS	16.00-25	28	STC	E-4	423149	555	62	60.2	17.2
	18.00-25	32	STC	E-4	403172	733	69	64.5	20.0
LARGE TUBELESS	18.00-33	32	STC	E-4	413925	901	69	72.9	20.3
	18.00-33	32	CRC	E-4	414972	901	69	72.9	20.3
	21.00-35	36	CRC	E-4	414131	1,268	67	80.1	22.9
	33.25-35	38	STC	E-4	413380	2,145	86	89.2	34.0
	37.25-35	36	STC	E-4	413623	2,554	91	95.3	37.2
GIANT TUBELESS	27.00-49	48	STC	E-4	411663	2,739	79	105.5	29.6
	30.00-51	52	STC	E-4	416711	3,594	87	113.0	33.2
	33.00-51	58	STC	E-4	415677	4,565	93	118.3	36.0
	36.00-51	58	STC	E-4	414832	5,374	104	128.5	39.3
	40.00-57	76	STC	E-4	424773	7,735	126	142.8	43.2



DURALOAD DT L-4

- Unique Sidewall Rib Protection Reduces Cuts and Sidewall Damage
- New Tread Design for Optimim Traction and Wear Life
- Shoulder Tie Bars for Added Resistance to Groove Cracking, Lug Tearing and Belt Edge Separations
- Larger Footprint with More Even Footprint Pressure

CATEGORY	SIZE	PLY/STAR RATING	COMPOUND/ CONSTRUCTION	TRA # / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD [32ND]	OVERALL DIAMETER [INCH]	OVERALL WIDTH [INCH]
LARGE TUBELESS	35/65-33	42	STC NY	L-4	989	2,557	72	82.8	36.6
	35/65-33	42	STC NS	L-4	990	2,864	72	82.8	36.6
GIANT TUBELESS	45/65-45	58	STC NY	L-4	431691	5,081	76	109.3	45.6
	45/65-45	58	STC NS	L-4	431708	5,387	76	109.3	45.6



SUPER ROCK GRIP DEEP TREAD LOADER DOZER

SRG DT LD L-4

- Extra Heavy-Duty Non-Directional Rock Service Design
- Exceptional Off-Road Traction
- Excellent Tread Cleaning Design



CATEGORY	SIZE	PLY/STAR RATING	COMPOUND/ CONSTRUCTION	TRA # / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD [32ND]	OVERALL DIAMETER [INCH]	OVERALL WIDTH [INCH]
SMALL TUBELESS	26.5-25	26	STC	L-4	416401	1,023	67	71.1	26.9
LARGE TUBELESS	29.5-25	28	STC	L-4	416924	1,341	77	75.6	29.5
	65/35-33	30	STC NY	L-4	416185	2,036	72	82.8	34.7
GIANT TUBELESS	50/80-57 ++	68	STC	L-4	421456	9,470	126	142.9	51.1
	58/85-57 •	84	STC	L-4	424501	12,890	116	154.0	56.3
	70/70-57	84	STC	L-4	988	14,870	116	157.2	67.0

++ = similar to marked photo

• = similar to photo marked with plus on SDT LD



SUPER ROCK GRIP DEEP TREAD ROAD BUILDER

SRG DT RB G-4

- Extra Heavy-Duty Non-Directinal Rock Service Tread Pattern
- Exceptional Off-Road Traction and Long Wear
- Superior Tread Cleaning Design



CATEGORY	SIZE	PLY/STAR RATING	COMPOUND/ CONSTRUCTION	TRA # / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD [32ND]	OVERALL DIAMETER [INCH]	OVERALL WIDTH [INCH]
SMALL TUBELESS	14.00-24	12	STC	G-4	425656	298	58	54.7	15.2



DURALOAD SDT L-5

- Unique Sidewall Rib Protection Reduces Cuts and Sidewall Damage
- Tread Designed for Optimum Traction and Wear Life
- Shoulder Tie Bars for Added Resistance to Groove Cracking, Lug tearing and Belt Edge Separations



CATEGORY	SIZE	PLY/STAR RATING	COMPOUND/ CONSTRUCTION	TRA # / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD [32ND]	OVERALL DIAMETER [INCH]	OVERALL WIDTH [INCH]
SMALL TUBELESS	35/65-33	42	STC NY	L-5	991	2,907	116	81.9	36.3
	35/65-33	42	STC NS	L-5	431657	3,116	116	81.9	36.3
LARGE TUBELESS	45/65-45	58	STC NY	L-5	431674	5,770	130	109.0	45.6
	45/65-45	58	STC NS	L-5	431606	6,223	130	109.0	45.6



SUPER DEEP TREAD LOADER DOZER

SDT LD L-5

- Super Heavy-Duty Non-Directional Rock Service Tread Design
- Some Sizes Available in “Steel Shield” Construction for Additional Cut and Impact Protection
- Extra tread Depth is 250% Deeper than our SRG LD (L3)



CATEGORY	SIZE	PLY/STAR RATING	COMPOUND/ CONSTRUCTION	TRA # / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD [32ND]	OVERALL DIAMETER [INCH]	OVERALL WIDTH [INCH]
SMALL TUBELESS	20.5-25	16	STC	L-5	403903	610	88	60.9	20.7
	20.5-25	20	STC	L-5	417610	634	88	60.9	20.7
	23.5-25	16	STC	L-5	403911	804	98	65.9	24.4
	23.5-25	20	STC	L-5	403970	836	98	65.9	24.4
	26.5-25	20	STC	L-5	403989	1,131	108	71.1	27.0
	26.5-25	26	STC	L-5	416428	1,165	108	71.1	27.0
LARGE TUBELESS	29.5-25	22	STC	L-5	413984	1,472	120	74.9	29.9
	29.5-25	28	STC	L-5	416436	1,530	120	74.9	29.9
	29.5-29	28	STC	L-5	403962	1,720	120	80.1	30.5
	65/35-33	30	STC NY	L-5	416649	2,375	120	82.8	33.8
	65/35-33	42	STC NS	L-5	427832	2,752	120	82.8	33.8
	41.25/70-39	42	STC NY	L-5	417033	4,134	146	98.7	40.9
	41.25/70-39	42	STC NS	L-5	416789	4,523	146	98.7	40.9
65/40-39	36	STC	L-5	280159	3,343	134	94.9	38.6	
GIANT TUBELESS	53.5/85-57 +	76	STC	L-5	420468	11,629	153	151.9	53.9

+ = similar to marked photo



DURALOAD PT L-5S

- Optimized Casing Design for Longer Life and Durability
- Flat Tread provides Even Footprint Pressure for Longer Life
- Unique Sidewall Rib Protection Reduces Cuts and Sidewall Damage

CATEGORY	SIZE	PLY/STAR RATING	COMPOUND/ CONSTRUCTION	TRA # / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD [32ND]	OVERALL DIAMETER [INCH]	OVERALL WIDTH [INCH]
LARGE TUBELESS	35/65-33	42	STC	L-5S	992	3,194	116	81.9	36.3
GIANT TUBELESS	45/65-45	58	STC NY	L-5S	468	6,228	133	109.0	45.6
	45/65-45	58	STC NS	L-5S	469	6,470	133	109.0	45.6



HALF TREAD LOADER DOZER

HTLD L-5, L-5S

- Super-Heavy Half Tread Design
- Special Cut and Impact Resistance with Outside Shoulder Protector
- Half-Deep Lug Tread Design for Excellent Traction



CATEGORY	SIZE	PLY/STAR RATING	COMPOUND/ CONSTRUCTION	TRA # / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD [32ND]	OVERALL DIAMETER [INCH]	OVERALL WIDTH [INCH]
LARGE TUBELESS	29.5-25	28	STC	L5/L5S	416991	1,673	120	75.6	29.5
	65/35-33	42	STC NS	L5/L5S	430246	2,866	120	82.8	33.8
GIANT TUBELESS	65/45-45	50	STC	L5/L5S	280255	5,366	150	108.1	43.1



PLAIN TREAD LOADER DOZER

PTLD L-5S

- Super Heavy-Duty Plain Tread Design for Extreme Service Applications
- Extra-Tough Plain Tread Design is up to 250% Deeper than our SRG
- Some Sizes Available in "Steel Shield" Construction for Additional Cut and Impact Protection



CATEGORY	SIZE	PLY/STAR RATING	COMPOUND/ CONSTRUCTION	TRA # / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD [32ND]	OVERALL DIAMETER [INCH]	OVERALL WIDTH [INCH]
SMALL TUBELESS	26.5-25	26	STC	L-5S	417335	1,665	108	71.1	27.0
	29.5-25	34	STC	L-5S	417408	1,861	120	75.6	29.5
LARGE TUBELESS	65/35-33	36	STC NY	L-5S	417602	2,718	120	82.8	33.8
	65/35-33	42	STC NS	L-5S	427917	2,956	120	82.8	33.8
	45/65-39	46	STC NS	L-5S	423173	5,361	147	103.5	38.6



PLAIN TREAD LOADER DOZER UNDERGROUND MINING SERVICE

PTLD UMS L-5S

- Super Heavy-Duty Plain Tread Design for Extreme Underground Service Applications
- Special Compounding provides Excellent Tread Life
- Exceptional Cut and Impact Protection



CATEGORY	SIZE	PLY/STAR RATING	COMPOUND/ CONSTRUCTION	TRA # / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD [32ND]	OVERALL DIAMETER [INCH]	OVERALL WIDTH [INCH]
SMALL TUBELESS	18.00-25	32	UMS	L-5S	416819	1,302	97	65.9	19.6
	21.00-25	32	UMS	L-5S	416983	1,600	110	70.8	22.5
	26.5-25	32	UMS	L-5S	416568	1,763	108	71.1	27.0
LARGE TUBELESS	29.5-25	34	UMS	L-5S	430484	1,886	120	75.6	29.5
	29.5-29	34	UMS CRC	L-5S	431776	2,098	120	80.1	30.1

SPECIALTY TIRES





DURAFORCE MATERIAL HANDLER

DURAFORCE MH

- Extra Deep Tread for Long Lasting Wear
- New Tread Design Reduces Ground Compaction and Surface Pressure on Hard Surfaces
- Protective Shoulder Rib and Low Profile Vertical Sidewall Reduces Sidewall Damage
- Unique Non-Directional Tread Pattern provides excellent traction and long wear



CATEGORY	SIZE	PLY/STAR RATING	COMPOUND/ CONSTRUCTION	TRA # / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD [32ND]	OVERALL DIAMETER [INCH]	OVERALL WIDTH [INCH]
LARGE TUBELESS	370/75-28 +	14	MH	L-3	429770	217	42	50.3	14.5
	400/75-28 +	16	MH	L-3	431453	236	42	52.3	15.7

+ = For use on GR OTR wheel only



PLAIN TREAD LOADER DOZER

PLAIN TREAD LOADER DOZER IND-3

- Super Heavy-Duty Plain Tread Design for Extreme Service Applications
- Extra-Tough Plain Tread Design



CATEGORY	SIZE	PLY/STAR RATING	COMPOUND/ CONSTRUCTION	TRA # / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD [32ND]	OVERALL DIAMETER [INCH]	OVERALL WIDTH [INCH]
LARGE TUBELESS	33.25-35	50	IDU	INDUSTRIAL	3565	2,565	53	89.6	34.1



SUPER ROCK GRIP

SRG IND-3

- Non-Directional Rock Tread Pattern for Excellent Traction and Flotation
- Extra-Tough Tread Compound for Cut and Impact Protection
- Widebase Sizes offer Wide Cross Section and Tread

CATEGORY	SIZE	PLY/STAR RATING	COMPOUND/CONSTRUCTION	TRA #/ APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD [32ND]	OVERALL DIAMETER [INCH]	OVERALL WIDTH [INCH]
SMALL TUBELESS	26.5-25	44	IDU	INDUSTRIAL	480136	1,045	44	68.8	27.7



PLAIN TREAD

PT IND-4

- Super Heavy-Duty Plain Tread Design for Extreme Service Applications
- Extra-Tough Plain Tread Design

CATEGORY	SIZE	PLY/STAR RATING	COMPOUND/CONSTRUCTION	TRA #/ APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD [32ND]	OVERALL DIAMETER [INCH]	OVERALL WIDTH [INCH]
SMALL TUBELESS	18.00-25	40	IDU	INDUSTRIAL	5524	1,036	69	66.1	20.9



SUPER ROCK GRIP DEEP TREAD

SRG DT IND-4

- Extra Heavy-Duty Non-Directional Design
- Exceptional Traction
- Extra-Deep Tread Design provides Excellent Resistance to Impacts and Cuts

CATEGORY	SIZE	PLY/STAR RATING	COMPOUND/ CONSTRUCTION	TRA #/ APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD [32ND]	OVERALL DIAMETER [INCH]	OVERALL WIDTH [INCH]
SMALL TUBELESS	18.00-25	40	IDU	INDUSTRIAL	426064	839	69	64.5	20.0
LARGE TUBELESS	18.00-33	44	IDU	INDUSTRIAL	421308	1,029	69	72.9	20.3
	33.5-33 +	50	IDU	INDUSTRIAL	800560	2,461	86	90.4	33.5
	21.00-35 +	40	IDU	INDUSTRIAL	411604	1,299	67	80.1	22.9
	33.25-35 +	50	IDU	INDUSTRIAL	280004	2,429	86	89.2	34.0

+ = Container Handler use only



SUPER ROCK GRIP DEEP TREAD LOADER DOZER

SRG DT LD IND-4

- Extra Heavy-Duty Non-Directional Rock Service Design
- Exceptional Off-Road Traction
- Excellent Tread Cleaning Design

CATEGORY	SIZE	PLY/STAR RATING	COMPOUND/ CONSTRUCTION	TRA #/ APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD [32ND]	OVERALL DIAMETER [INCH]	OVERALL WIDTH [INCH]
LARGE TUBELESS	30-33	46	IDU	INDUSTRIAL	416215	1,615	67	74.7	29.1
	65/35-33	42	IDU	INDUSTRIAL	421294	2,268	72	82.8	34.7



SAND CHAMPION E-7

- Sand Service Application
- Designed for Fire, Rescue and Military Trucks

CATEGORY	SIZE	PLY/STAR RATING	COMPOUND/ CONSTRUCTION	TRA # / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD [32ND]	OVERALL DIAMETER [INCH]	OVERALL WIDTH [INCH]
LARGE TUBELESS	29.5-25	28	N/A	E-7	416908	880	22	71.9	30.2



DURAFORCE ASPHALT PAVER

DURAFORCE AP E-7

- Notched Rib Pattern provides Tractive Performance on Unimproved Surfaces, including Grass, Dirt and Gravel
- Outside Diameter Ideal for Restrictive Asphalt Paver Wheel Wells
- Shallow E-7 Tread Depth Helps Manage Heat from Hot Paving for Longer Service



CATEGORY	SIZE	PLY/STAR RATING	COMPOUND/ CONSTRUCTION	TRA # / APPLICATION	ARTICLE #	AVERAGE WEIGHT	OTD [32ND]	OVERALL DIAMETER [INCH]	OVERALL WIDTH [INCH]
SMALL TUBELESS	18.00-25	16	N/A	E-7	1277	318	12.5	59.9	18.8
	21.00-25	16	N/A	E-7	3771	421	16	67.1	23.8

COMPACT TIRES





ALL TRACTION UTILITY I-3

- Excellent Tread-Wear Resistance on Hard-Surface Roads
- Special-Compound Construction provides Superior Durability
- Ideal for use on Soil

CATEGORY	SIZE	PLY/STAR RATING	SPEED SYMBOL	TRA # / APPLICATION	ARTICLE #	AVERAGE WEIGHT	BAR HEIGHT [32ND / INCH]
COMPACT	10.5/80-18	10	A8	I-3	351741	65	28 / 0.88
	10.0/10.5-20	10	A8	I-3	342548	62	24 / 0.76
	12.5-20	10	A8	I-3	358398	90	30 / 0.93



ALL TRACTION UTILITY R-4

- Wide-Buttressed Lugs provides Excellent Durability and Long Tread Life
- Special Rubber Compounds and Nylon-Cord Body provide Excellent Impact Resistance and Long Wear
- Ideal for use on Concrete and Soil

CATEGORY	SIZE	PLY/STAR RATING	SPEED SYMBOL	TRA # / APPLICATION	ARTICLE #	AVERAGE WEIGHT	BAR HEIGHT <small>[32ND / INCH]</small>
COMPACT	16.9-24	12	A8	R-4	363990	165	34 / 1.06
	17.5L-24	10	A8	R-4	325880	176	32 / 1.01
	18.4-24	8	A8	R-4	316083	177	35 / 1.10
	18.4-24	12	A8	R-4	355224	205	35 / 1.10
	19.5L-24	10	A8	R-4	359343	208	34 / 1.05
	19.5L-24	12	A8	R-4	380259	208	34 / 1.05
	21L-24	12	A8	R-4	321370	243	35 / 1.10
	21L-24	16	A8	R-4	327727	277	35 / 1.10
	21L-24	18	A8	R-4	372762	276	35 / 1.10
	14.9-28	8	A8	R-4	306371	147	32 / 1.00
	16.9-28	8	A8	R-4	000900	184	34 / 1.06
	16.9-28	12	A8	R-4	379307	203	34 / 1.06
	18.4-28	12	A8	R-4	355410	224	35 / 1.10
	21L-28	14	A8	R-4	356093	280	36 / 1.11

"L" in tire size designates "Low-profile" tire



RADIAL

ALL TRACTION UTILITY R-4

- Long Wear and Great Traction in a Radial Tire
- Excellent Traction through Deep Overlapping Bar Cleats
- Great Tire for Medium-Duty Service Use
- Long Wear through Tough Sidewalls with Special Compounds

CATEGORY	SIZE	PLY/STAR RATING	SPEED SYMBOL	LOAD INDEX	TRA # / APPLICATION	ARTICLE #	AVERAGE WEIGHT	BAR HEIGHT [32ND / INCH]
COMPACT	17.5LR24	2*	A8	133	R-4	351989	203	32 / 1.01

"L" in tire size designates "Low-profile" tire



RADIAL

DURAFORCE RT R-4

- Harmonic Noise-Treated for Excellent Ride and Reduced Vibration
- Excellent Fuel Efficiency and Improved Ride through Radial Design
- Excellent Grip and Multi-Direction Traction
- Large Footprint Reduces Soil Compaction

CATEGORY	SIZE - STANDARD SIZE - METRIC	SPEED SYMBOL	LOAD INDEX	TRA # / APPLICATION	ARTICLE #	AVERAGE WEIGHT	BAR HEIGHT [32ND / INCH]
COMPACT	12.5/80R18 320/80R18	B	141	R-4	380497	119	34 / 1.06
	340/80R18	B	143	R-4	375975	127	38 / 1.19
	19.5LR24 500/70R24	B	157	R-4	371657	239	34 / 1.05
	19.5LR24 500/70R24	B	164	R-4	376842	253	34 / 1.05
	21LR24 540/70R24	B	168	R-4	402	304	35 / 1.1

"L" in tire size designates "Low-profile" tire

BIAS



INDUSTRIAL SPECIAL F-3

- Shock Fortified Nylon-Cord Body Resists Impacts, Cuts, and Punctures
- Minimizes Wear through Non-Directional Tread Design
- Ideal for use on Hard Soil, Asphalt and Concrete

CATEGORY	SIZE	PLY/STAR RATING	SPEED SYMBOL	TRA # / APPLICATION	ARTICLE #	AVERAGE WEIGHT	BAR HEIGHT [32ND / INCH]
COMPACT	11L-16	10	A8	F-3	314625	45	14 / 0.44
	11L-16	12	A8	F-3	326089	46	14 / 0.44
	14.5/75-16.1	10	A8	F-3	321567	83	19 / 0.60

"L" in tire size designates "Low-profile" tire

BIAS



SUPER TRACTION LOADER I-3

- Excellent Traction through Deep Bar Cleats
- Ideal for Medium-Duty Service
- Long Wear through Tough Sidewalls featuring Special Compounds

CATEGORY	SIZE	PLY/STAR RATING	SPEED SYMBOL	TRA # / APPLICATION	ARTICLE #	AVERAGE WEIGHT	BAR HEIGHT [32ND / INCH]
COMPACT	12.5/80-18	12	A8	I-3	359912	92	32 / 1.00



DURAFORCE HD

- Super-Tough Tread Design for Outstanding Traction, Durability and Puncture Resistance in the Most Demanding Work Conditions
- Extra-Wide Lugs provide Longer Tread-Wear and Help Extend the Life of the Tire so you get More for your Money
- Specially Engineered Rim Deflector keeps Debris out while Protecting against Damage and Flats



CATEGORY	SIZE - STANDARD SIZE - METRIC	PLY/STAR RATING	TRA # / APPLICATION	ARTICLE #	AVERAGE WEIGHT	BAR HEIGHT [32ND / INCH]
COMPACT	10-16.5 265/70D16.5	8	NHS	362123	50	20 / 0.64
	12-16.5 305/70D16.5	10	NHS	362131	75	20 / 0.64
	14-17.5 355/70D17.5	10	NHS	362158	86	24 / 0.75



BIAS

DURAFORCE DT

- Aggressive Rim Deflector Keeps Out Debris
- Heavy-Duty Sidewall and Large Curb Rib deliver More Stability and Greater Puncture Resistance
- Deep Tread and Extra-Wide Buttressed Lugs deliver Long Wear and Life
- Full Sidewall Protection resists Punctures and Flats



CATEGORY	SIZE - STANDARD SIZE - METRIC	PLY/STAR RATING	TRA # / APPLICATION	ARTICLE #	AVERAGE WEIGHT	BAR HEIGHT [32ND / INCH]
COMPACT	27X8.50-15 215/70D15	8	NHS	360449	41	22 / 0.68
	27X10.50-15 260/65D15	8	NHS	360457	48	24 / 0.76
	31X15.50-15 390/60D15	8	NHS	360465	90	30 / 0.94
	10-16.5 265/70D16.5	8	NHS	360473	64	26 / 0.82
	12-16.5 305/70D16.5	10	NHS	360414	85	28 / 0.88
	12-16.5 305/70D16.5	12	NHS	373170	85	28 / 0.88
	31X13.00-16.5 330/55D16.5	10	NHS	360481	80	26 / 0.82



DURAFORCE SDT

- Extra Deep Tread Provides Superior Wear and Puncture Resistance
- Rejection of Debris through Aggressive Rim Deflector
- Heavy-Duty Sidewall and Large Curb Rib provide Greater Stability and Puncture Resistance
- Extra-Tough Nylon Body Construction and Special Puncture-Resistance Compounds
- Fullest possible Footprint for Long, Even Tread Wear
- Heavier Ply Ratings for Severe Service Construction
- Full Sidewall Protection provides Resistance to Punctures and Flats



CATEGORY	SIZE - STANDARD SIZE - METRIC	PLY/STAR RATING	TRA # / APPLICATION	ARTICLE #	AVERAGE WEIGHT	BAR HEIGHT [32ND / INCH]
COMPACT	10-16.5 265/70D16.5	10	NHS	365707	73	20 / 0.64
	12-16.5 305/70D16.5	12	NHS	365724	103	47 / 1.47
	14-17.5 355/70D17.5	14	NHS	365741	146	24 / 0.75



BIAS

DURAFORCE ND

- Excellent Forward and Reverse Traction through Non-Directional Tread Design
- Non-Directional Tread Design improves Flotation
- Excellent Stability through Tough Sidewalls
- Highest Duty Rating in the Duraforce Line
- Rejection of Debris through Aggressive Rim Deflector
- Heavy-Duty Sidewall and Large Curb Rib provide Greater Stability and Puncture Resistance
- Premium Compounds add to Superior Cut and Puncture Resistance



CATEGORY	SIZE - STANDARD SIZE - METRIC	PLY/STAR RATING	TRA # / APPLICATION	ARTICLE #	AVERAGE WEIGHT	BAR HEIGHT [32ND / INCH]
COMPACT	14-17.5 355/70D17.5	14	NHS	361674	126	24 / 0.75
	15-19.5 385/65D19.5	16	NHS	361690	182	25 / 0.79
	18-19.5 445/65D19.5	16	NHS	361712	212	28 / 0.87

BACKHOE - FRONT



BIAS

SUPER TRACTION DUPLEX

- Excellent Traction and Flotation through Overlapping Bar Cleats and Lo-Pro Design
- Performs in a Wide Variety of Surface Conditions
- Tough Sidewall and Long Wear



CATEGORY	SIZE	PLY/STAR RATING	TRA # / APPLICATION	ARTICLE #	AVERAGE WEIGHT	BAR HEIGHT [32ND / INCH]
COMPACT	14-17.5	10	NHS	416177	85	22 / 0.70
	15-19.5	12	NHS	416517	121	26 / 0.80

RADIAL

DURAFORCE UTILITY R-4

- Designed for Small Wheeled Loaders
- Strong Lateral Stability
- Cut and Puncture Resistance
- Solid Grip on Hard Surfaces
- Uniform Tread Wear and Long Life



CATEGORY	SIZE - STANDARD SIZE - METRIC	SPEED SYMBOL	LOAD INDEX	TRA # / APPLICATION	ARTICLE #	AVERAGE WEIGHT	BAR HEIGHT [32ND / INCH]
COMPACT	340/80R18	A8	143	R-4	4502	127	26 / 0.81
	405/70R18	A2	153	R-4	3997	160	32 / 1.00



BIAS

SUPER TRACTION DUPLEX

- Non-Directional Tread Design Provides Excellent Traction and Flotation
- Tough Sidewall for Greater Stability



CATEGORY	SIZE - STANDARD SIZE - METRIC	PLY/STAR RATING	TRA # / APPLICATION	ARTICLE #	AVERAGE WEIGHT	BAR HEIGHT [32ND / INCH]
COMPACT	15-22.5	16	NHS	359599	176	25 / 0.78

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Bridgestone Americas Tire Operations, LLC

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

LIMITED WARRANTY

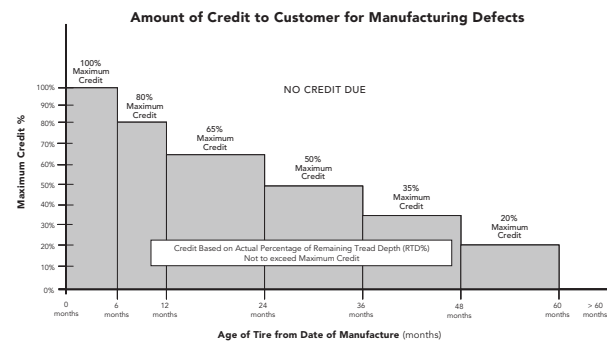
The following warranty contains certain rights and obligations that pertain to Bridgestone and Firestone branded off-the-road (OTR) tires. Please review these rights and obligations carefully.

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.

Bridgestone Americas Tire Operations, LLC (BATO)

Covered Radial Construction Tires

LIMITED WARRANTY

This Limited Warranty covers original-tread Firestone brand radial construction tires purchased or manufactured after January 1, 2009, if they are used in normal construction service. It does not cover tires marked "NO ADJ" or "NA" (non-adjustable), or tires not containing the Firestone serial number. Tires branded DT (damaged tire) are not adjustable for appearance.

WHAT IS WARRANTED

Subject to the terms and conditions of this Limited Warranty, any covered tire that becomes unusable for any reason within the manufacturer's control, before wearing down to 2/32" of the original tread or bar depth remaining, shall be replaced with an equivalent new Firestone construction tire on a pro rata basis.

This warranty is in addition to, and/or may be limited by, any other applicable written warranty (covering special tires or situations) you may have received.

WHAT IS NOT WARRANTED

Unusable tires caused by:

1. Field or road hazards (e.g., cut, snag, puncture, stubble damage, impact break, tear or chunk in tread, bar or shoulder);
2. Overloading, improper inflation pressure or abuse;
3. Wheel misalignment, rim slip, tire/wheel assembly imbalance, mismatching of adjacent tires, or other vehicle conditions, defects or characteristics;
4. Abnormal stress from land leveling or earth moving operations;
5. Improper repair or improper insertion of sealant, balancing or filler materials;
6. Intentional alteration of either the appearance or the physical characteristics of the tire;
7. Improper maintenance, improper mounting, improper storage or conditions that cause accelerated aging; and
8. Failure to observe any of the "Owner-User's Obligations" published by Firestone

This Limited Warranty is in addition to, and/or may be limited by, any other applicable written warranty you may have received concerning special tires or situations.

LIMITED WARRANTY PERIOD AND COMMERCIAL ADJUSTMENT POLICY

Tires are adjustable for ride-related conditions only during the first six months of service and before 1/32" of tread wear.

Tires that become unusable during the two years of service (proof-of-purchase must be attached to claim form) and worn less than 25% of the original tread, will be replaced without charge, including normal mounting and services charges.

Tires that become unusable after the second year of service or worn beyond 25% of the original tread will be replaced on a pro rata basis according to the schedule below. To determine the replacement price, the appropriate pro rata percentage is multiplied by the owner-user's regular buying price. Appropriate taxes, mounting or other service charges are not covered by the warranty and will be added to the pro rata replacement price.

The replacement price will be prorated based on years of service from the original purchase date if proof-of-purchase is attached to claim form, or if proof-of-purchase is not available or if tire was not purchased new, then based on years from date of manufacture which is molded into the sidewall of the tire.

Years of Service or Age During	If Worn Less Than	Pro Rata Collection
3RD YEAR	30%	30%
4TH YEAR	40%	40%
5TH YEAR	50%	50%
6TH YEAR	60%	60%
7TH YEAR	70%	70%
8TH YEAR	80%	80%
9TH YEAR	90%	90%
After the end of the 8TH YEAR, coverage expires.		100%

CONDITIONS AND EXCLUSIONS

THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH EXTEND BEYOND THIS WARRANTY.

BATO specifically excludes any obligation for consequential damages or incidental expenses including claims for loss of use of the vehicle on which the covered tires are installed, loss of time, inconvenience, or commercial loss. Under no circumstances will BATO, its parent, subsidiaries or affiliated entities, be liable and expressly disclaim liability for any special, exemplary, indirect, incidental, contingent, consequential and punitive damages, for any cause of action, whether in warranty, contract, tort, strict liability or otherwise, of any kind or nature, including without limitation, loss of time or actual or anticipated profits, revenues, or business, loss of use of products or any associated equipment, cost of capital, facilities, substitute products or services, downtime, delay or slowdown costs, spoilage of material, or for any other economic loss, or inconvenience, whether or not either party was aware or should have been aware of the possibility of such loss or damages.

This warranty gives you specific legal rights. You may also have other rights that may vary from state-to-state. Some states do not allow limitations on how long an implied warranty lasts or allow the exclusion or limitation of incidental or consequential damages. The above limitation or exclusion may not apply to you.

Only the actual owner-user of the covered tires may make an adjustment claim under this Limited Warranty and Commercial Adjustment Policy and only for tires used in the 50 United States and the District of Columbia.

Nothing in this Limited Warranty is intended to be a representation that failures cannot occur.

OWNER-USER'S OBLIGATIONS

Proper tire care is necessary to obtain maximum usage and wear.

The owner-user's obligations are to operate tires within tire load and speed limits (at cold air pressures specified by Bridgestone Americas Tire Operations, LLC for load and speed according to individual tire size, type, and load capacity) and to maintain proper alignment of wheels.

In case of an adjustment claim, the owner-user must present the tire to an authorized Firestone dealer or store, complete and sign the customer section of the adjustment claim form, attach to the claim form a copy of the proof-of-purchase showing the date the tire was purchased new or proof-of-purchase of the new construction equipment that the tire came on, and pay the appropriate replacement price, taxes and service charges for a new, current equivalent Firestone brand tire.

The obligation of Bridgestone Americas Tire Operations, LLC under this Limited Warranty and Commercial Adjustment Policy may not be enlarged or altered by anyone.

Bridgestone Americas Tire Operations, LLC (BATO)

Covered Bias Ply Construction Tires

LIMITED WARRANTY

This Limited Warranty covers new original-tread Firestone brand construction tires (R-4, F-3, I-3, NHS) purchased or manufactured after January 1, 2009, used in normal construction service. It does not cover tires marked "NO ADJ" or "NA" (nonadjustable) or tires not containing the Firestone serial number. Tires branded DT (damaged tire) are not adjustable for appearance. NOTE: For radial tires, please refer to the Firestone Radial Warranty for adjustment warranty information.

WHAT IS WARRANTED

Subject to the terms and conditions of this Limited Warranty, any covered tire that becomes unusable for any reason within the manufacturer's control, before wearing down to 2/32" of the original tread or bar depth remaining, shall be replaced with an equivalent new Firestone construction tire on a pro rata basis.

This Limited Warranty is in addition to, and/or may be limited by, any other applicable written warranty you may have received concerning special tires or situations.

WHAT IS NOT WARRANTED

Unusable tires caused by:

1. Field or road hazards (e.g., cut, snag, puncture, stubble damage, impact break, tear or chunk in tread, bar or shoulder);
2. Overloading, improper inflation pressure or abuse;
3. Wheel misalignment, rim slip, tire/wheel assembly imbalance, mismatching of adjacent tires, or other vehicle conditions, defects or characteristics;
4. Abnormal stress from land leveling or earth moving operations;
5. Improper repair or improper insertion of sealant, balancing or filler materials;
6. Intentional alteration of either the appearance or the physical characteristics of the tire;
7. Improper maintenance, improper mounting, improper storage or conditions that cause accelerated aging; and
8. Failure to observe any of the "Owner-User's Obligations" published by Firestone

LIMITED WARRANTY PERIOD AND COMMERCIAL ADJUSTMENT POLICY

Tires are adjustable for ride-related conditions only during the first six months of service and before 1/32" of tread wear.

Tires that become unusable during the first year of service (proof-of-purchase must be attached to claim form) and worn less than 10% of the original tread, will be replaced without charge.

Tires that become unusable after the first year of service or worn beyond 10% of the original tread, will be replaced on a pro rata basis according to the schedule below. To determine the replacement price, the appropriate pro rata percentage is multiplied by the owner-user's regular buying price. Appropriate taxes, mounting or other service charges are not covered by the warranty and will be added to the pro rata replacement price.

The replacement price will be prorated based on years of service from the original purchase date if proof-of-purchase is attached to claim form, or if proof-of-purchase is not available or if tire was not purchased new, then based on years from date of manufacture which is molded into the sidewall of the tire.

Years of Service or Age During	If Worn Less Than	Pro Rata Collection
2ND YEAR	20%	20%
3RD YEAR	40%	40%
4TH YEAR	50%	50%
5TH YEAR	60%	60%
6TH YEAR	70%	70%
7TH YEAR	80%	80%
8TH YEAR	90%	90%
After the end of the 8th year, coverage expires.		100%

CONDITIONS AND EXCLUSIONS

THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH EXTEND BEYOND THIS WARRANTY.

BATO specifically excludes any obligation for consequential damages or incidental expenses including claims for loss of use of the vehicle on which the covered tires are installed, loss of time, inconvenience, or commercial loss. Under no circumstances will BATO, its parent, subsidiaries or affiliated entities, be liable and expressly disclaim liability for any special, exemplary, indirect, incidental, contingent, consequential and punitive damages, for any cause of action, whether in warranty, contract, tort, strict liability or otherwise, of any kind or nature, including without limitation, loss of time or actual or anticipated profits, revenues, or business, loss of use of products or any associated equipment, cost of capital, facilities, substitute products or services, downtime, delay or slowdown costs, spoilage of material, or for any other economic loss, or inconvenience, whether or not either party was aware or should have been aware of the possibility of such loss or damages.

This Limited Warranty gives you specific legal rights. You may also have other rights that may vary from state-to-state. Some states do not allow limitations on how long an implied warranty lasts or allow the exclusion or limitation of incidental or consequential damages. The above limitation or exclusion may not apply to you.

Only the actual owner-user of the covered tires may make an adjustment claim under this Limited Warranty and Commercial Adjustment Policy and only for tires used in the 50 United States and the District of Columbia.

OWNER-USER'S OBLIGATIONS

Proper tire care is necessary to obtain maximum usage and wear.

The owner-user's obligations are to operate tires within tire load and speed limits (at cold air pressures specified by Bridgestone Americas Tire Operations, LLC for load and speed according to individual tire size, type, and load capacity) and to maintain proper alignment of wheels.

In case of an adjustment claim, the owner-user must present the tire to an authorized Firestone dealer or store, complete and sign the customer section of the adjustment claim form, attach to the claim form a copy of the proof-of-purchase showing the date the tire was purchased new or proof-of-purchase of the new construction equipment that the tire came on, and pay the appropriate replacement price, taxes and service charges for a new, current equivalent Firestone brand tire.

The obligation of Bridgestone Americas Tire Operations, LLC under this Limited Warranty and Commercial Adjustment Policy may not be enlarged or altered by anyone.

Firestone

OFF-THE-ROAD PRODUCT GUIDE

VERSION 17.2

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