

# **FLOTATION TIRES**





COMPACTION ROBS YIELD.

STAND YOUR GROUND

WITH FIRESTONE FLOTATION TIRES.

An innovative line of flotation tires is one reason Firestone is the leader in the field. Near the original site of founder Harvey Firestone's farm in Columbiana, Ohio, stands a 350-acre test farm dedicated to rigorous farm tire testing and development. Before a Firestone flotation tire design reaches your farm, it has to prove itself at the Firestone Farm Tire Test Center. This unique research and development ensures a rugged flotation tire with maximum traction and minimum compaction.



#### BE GENTLE.

You have a strong ally in the battle of traction versus compaction: Firestone flotation tires. The leader's line of flotation tires delivers optimum traction with minimum ground disturbance while reducing yield-robbing compaction.

With industry studies showing compaction causing yield losses greater than 40%, it's easy to see why farmers are concerned. Heavy weight without proper distribution compacts the mass of the soil, forcing root-nourishing oxygen out. Healthy root growth can suffer. Worse, compaction-loving weeds like velvetleaf, bindweed, quack grass, mustards and horse nettle flourish.

Firestone flotation tires proven design put your machines on tires with longer, wider footprints. Weight is distributed across the expanded footprint, keeping compaction to a minimum. These flotation tires excel, especially when used on spray and fertilizing equipment.

The Firestone farm tire team is proud to stand behind every flotation tire that rolls out of its Des Moines, lowa, plant. Look in the back of this brochure to find out about their leading farm tire warranty. If you have any trouble with these rugged tires, your local Certified Firestone Farm Tire Dealer will give you responsive service right there in your field.



More traction. Less compaction.

Great warranty. In-field service. When it comes to flotation tires, Firestone is the leader in the field.



## FLOTATION ALL TERRAIN WTP - HF-1

## **FLOTATION 23° – HF-2**



### High flotation. Low compaction.

- Weight is distributed across a huge footprint for less compaction and turf disturbance
- Shallow tread depth and super-wide width for high flotation
- Design allows low inflation pressure to provide flotation over loose soil and sand

Tubeless			New Tire Dimensions (in.)			
Tire Size	Ply Rating	Design Rim Width	Overall Width	Overall Dia.	Bar Height	Max. Load & Infl. (lbs. @ psi)
66x44.00-25	20	36.00	41.0	67.0	0.40	14300 @ 45

### Maximum flotation in a 23° tire.

- Proven 23° tread design provides traction and mobility
- Large air volume allows low inflation pressures for improved traction
- Wide tread distributes weight across large contact area for minimal compaction

Tubeless			New Tire Dimensions (in.)			
Tire Size	Ply Rating	Design Rim Width	Overall Width	Overall Dia.	Bar Height	Max. Load & Infl. (lbs. @ psi)
66x43.00-25	20	36.00	41.3	66.5	2.00	14800 @ 50

### **FLOTATION FREE ROLLING – HF-2**



# Flotation with a center rib for extended hard-surface driving.

- Designed for use on fertilizer truck steering and drive axles
- Proven 23° tread bars for traction in the field
- Wide center "rider rib" provides even wear on hard surfaces

Tubeless			New Tire Dimensions (in.)			
Tire Size	Ply Rating	Design Rim Width	Overall Width	Overall Dia.	Bar Height	Max. Load & Infl. (lbs. @ psi)
48x25.00-20	10	20.50	25.0	48.5	1.00	6150 @ 35
48x31.00-20	14	26.00	31.0	48.5	1.00	7400 @ 45

# Gives longer road wear and flotation in wet fields for fertilizer trucks.

- Designed for smooth wear on front positions of fertilizer trucks and free-rolling wheels on tractors, wagons and large implements
- · Gives better steering response and smooth ride
- Front-tire flotation and control in soggy field conditions

Tubeless			New Tire Dimensions (in.)			
Tire Size	Ply Rating	Design Rim Width	Overall Width	Overall Dia.	Bar Height	Max. Load & Infl. (lbs. @ psi)
48x25.00-20	12	20.50	25.0	48.5	1.00	7150 @ 45
48x31.00-20	14	26.00	30.5	48.5	1.00	7400 @ 45

Firestone Flotation Tires

## **FLOTATION 23° DEEP TREAD – HF-3**



### Deep tread. High flotation.

- 23° deep tread bars for extra traction and wear
- Rounded shoulder minimizes soil disturbance during turns
- Wide variety of sizes the most popular flotation design in the industry

Tubeless			New Tire Dimensions (in.)			
Tire Size	Ply Rating	Design Rim Width	Overall Width	Overall Dia.	Bar Height	Max. Load & Infl. (lbs. @ psi)
42x25.00-20	12	20.50	24.5	43.8	1.80	4800 @ 45
48x25.00-20	10	20.50	25.0	51.0	1.80	6150 @ 35
48x31.00-20	14	26.00	30.5	51.0	1.80	7400 @ 45
54x37.00-25	12	32.00	37.0	56.3	1.90	8250 @ 35
66x43.00-25	10	36.00	41.5	67.8	2.30	9900 @ 25
66x43.00-25	16	36.00	41.5	67.8	2.30	13200 @ 40
73x44.00-32	16	36.00	43.2	74.0	2.40	15200 @ 40
76x50.00-32	16	44.00	48.6	78.5	2.50	16100 @ 35
76x50.00-32	20	44.00	48.6	78.5	2.50	18700 @ 45

## **FLOTATION TIRES**LISTED BY SIZE

Tire Size	Ply	Description	Article Number	Page
42x25.00-20	12	Flotation 23 Deed Tread TLHF3	358-304	9
48x25.00-20	10	Flotation 23 (Center Rib) TLHF2	328-057	7
48x25.00-20	10	Flotation 23 Deep Tread TLHF3	344-184	9
48x25.00-20	12	Flotation Free Rolling TLHF2	360-422	8
48x31.00-20	14	Flotation 23 (Center Rib) TLHF2	361-984	7
48x31.00-20	14	Flotation 23 Deep Tread TLHF3	361-976	9
48x31.00-20	14	Flotation Free Rolling TLHF2	360-430	8
54x37.00-25	12	Flotation 23 Deep Tread TLHF3	352-055	9
66x43.00-25	10	Flotation 23 Deep Tread TLHF3	340-693	9
66x43.00-25	16	Flotation 23 Deep Tread TLHF3	358-312	9
66x43.00-25	20	Flotation 23 TLHF2	375-465	6
66x44.00-25	20	Flotation All Terrain WTP TLHF1	371-674	5
73x44.00-32	16	Flotation 23 Deep Tread TLHF3	358-835	9
76x50.00-32	16	Flotation 23 Deep Tread TLHF3	359-866	9
76x50.00-32	20	Flotation 23 Deep Tread TLHF3	369-702	9

Firestone Flotation Tires

### BRIDGESTONE AMERICAS TIRE OPERATIONS, LLC

AGRICULTURAL TIRE DIVISION



## FLOTATION TIRES

**LIMITED WARRANTY**FOR FIRESTONE BIAS AND RADIAL FLOTATION TIRES





#### LIMITED WARRANTY

FOR FIRESTONE BIAS & RADIAL FLOTATION AGRICULTURAL TIRES

#### **TIRES COVERED**

This Limited Warranty covers original tread Firestone brand bias ply and radial flotation tires purchased or manufactured after January 1, 2009 (except tires made for or used in pulling contests) if they are used in normal agricultural 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. Tires are adjustable for ride-related conditions only during the first six months of service and up to 1/32nd of an inch of treadwear.

#### WHAT IS WARRANTED

If, before wearing down to 2/32nds of an inch of tread or bar depth remaining, any tire covered by this Limited Warranty becomes unusable for any reason within the manufacturer's control, such tire will be replaced with an equivalent new Firestone tire on the basis set forth in the section titled "Limited Warranty Period and Pro Rata Percentages" on the following page. Some examples of causes or conditions normally beyond the manufacturer's control are:

- Field or road hazards or stubble damage (e.g. cut, snag, puncture, stubble damage, impact break, tear or chunk in tread, bar or shoulder);
- Apparent overload or improper inflation pressure or abuse;
- Wheel misalignment, rim slip, tire/wheel assembly imbalance, mismatching of adjacent tires, or other vehicle conditions, defects or characteristics;
- Conditions caused by land-leveling or earthmoving operations;

#### LIMITED WARRANTY

FOR FIRESTONE BIAS & RADIAL FLOTATION AGRICULTURAL TIRES

- Improper repair or improper insertion of sealant, balancing, or filler materials;
- Intentional alteration of either the appearance or the physical characteristics of the tire;
- Mounting damage or conditions caused by aging or improper storage; and
- Failure to observe any of the "Owner-User's Obligations" items listed elsewhere in this publication.

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 PRO RATA PERCENTAGES

#### **BIAS TIRES:**

During the first year of service (proof-of-purchase must be attached to claim form), if the tire is worn less than 10%, the tire will be replaced without charge including normal mounting and service charges.

#### **RADIAL TIRES:**

During the first two years of service (proof-of-purchase must be attached to claim form), if the tire is worn less than 25%, the tire will be replaced without charge including normal mounting and service charges.

After the free replacement period, the replacement price will be prorated based on years of service from the original purchase date (proof-of-purchase must be 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) as follows:

#### **BIAS TIRES:**

If Worn Less Than	Pro Rata Collection
20%	20%
40%	40%
50%	50%
60%	60%
70%	70%
80%	80%
90%	90%
	Less Than  20%  40%  50%  60%  70%  80%

After the end of the 8th Year, coverage expires. 100%

#### **RADIAL TIRES:**

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 9th Year, coverage expires. 100%

#### LIMITED WARRANTY

FOR FIRESTONE BIAS & RADIAL FLOTATION AGRICULTURAL TIRES

#### **LIMITED WARRANTY**

FOR FIRESTONE BIAS & RADIAL FLOTATION AGRICULTURAL TIRES

To determine the replacement price, the appropriate pro rata percentage is multiplied by the Firestone owner-user's regular buying price. Appropriate taxes, mounting, or other service charges will be added to the replacement price.

#### **CONDITIONS AND EXCLUSIONS**

To the extent permitted by law, Bridgestone Americas Tire Operations, LLC disclaims all warranties express or implied other than the warranties stated in this Limited Warranty, including but not limited to the implied warranties of merchantability and fitness for a particular purpose.

TO THE EXTENT PERMITTED BY LAW, BRIDGESTONE AMERICAS TIRE OPERATIONS, LLC DISCLAIMS LIABILITY FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL AND PUNITIVE DAMAGES, LOSS OF TIME OR PROFITS, LOSS OF VEHICLE USE, OR INCONVENIENCE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH LOSS OR DAMAGES.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so 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 hours of 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 agricultural 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.

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