



INNER TUBE PRODUCT CATALOG | VOLUME II

WE KNOW WHAT THEY'RE IN FOR

AGRICULTURE | FORESTRY | CONSTRUCTION | COMMERCIAL | DRAG RACING | LAWN & GARDEN | ALL TERRAIN VEHICLE

Firestone

HISTORY IN THE FIELD

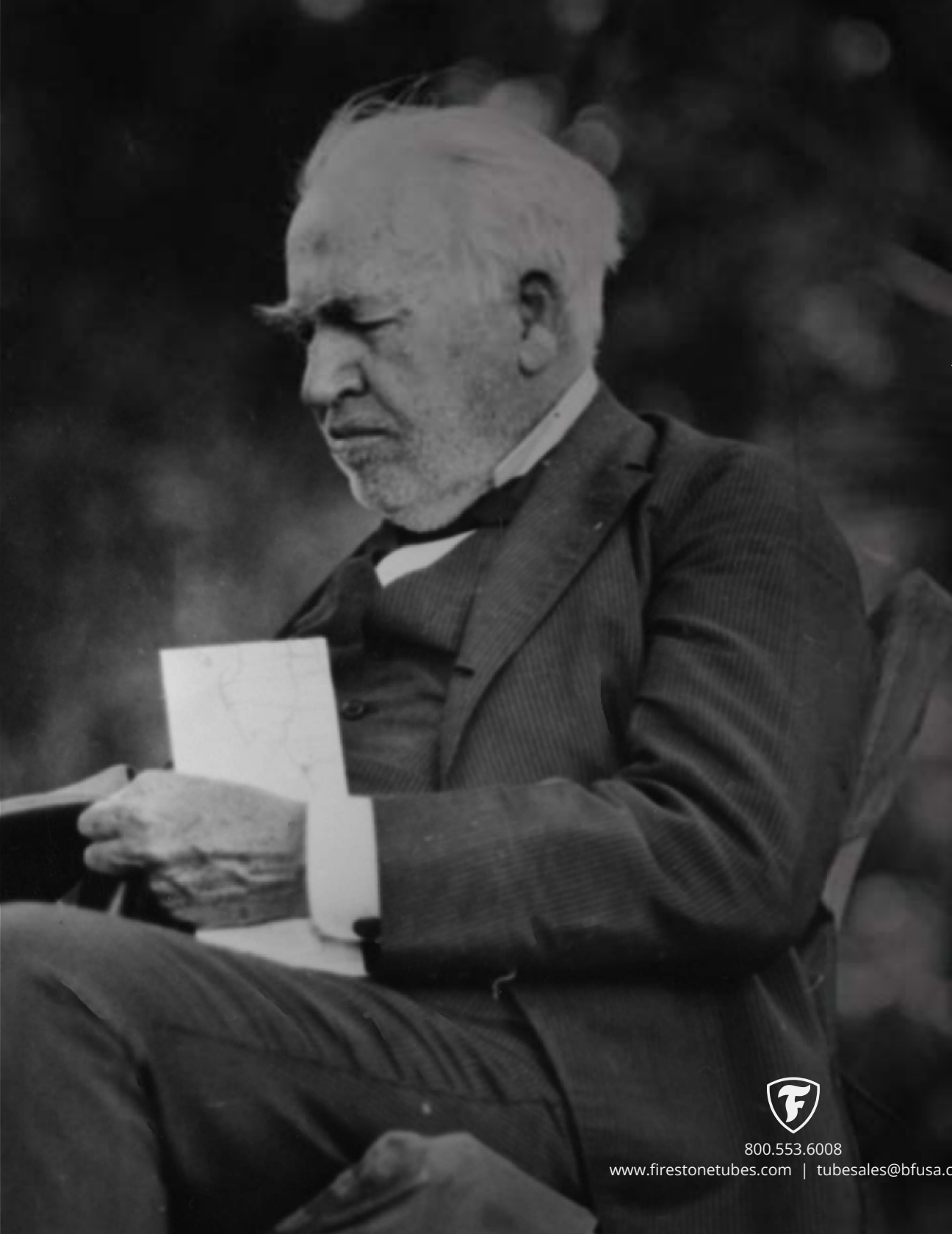
For decades, Bridgestone America's Tube Business (BATB) has been committed to providing our business partners with exceptional service, unparalleled industry knowledge and superior products. Our company has a rich heritage with a foundation based on trust, quality and innovation. Firestone was, as it still is, a symbol of quality, service and advanced technology, living up to the tradition of its creator, Harvey Firestone.

Over the years, the growth and innovation that we have achieved stems from the trust and loyalty our customers have placed in our company and products.



800.553.6008

www.firestonetubes.com | tubesales@bfusa.com



We offer the most comprehensive product portfolio in the industry, ranging from our premium forestry to our industrial and trailer inner tubes. Whether you choose Firestone's top-of-the-line Natural Rubber, select Severe Service, or Classic, our tubes are made to perform in any situation.

Today, BATB is the only inner tube manufacturer in the United States and Canada. We are committed to establishing and strengthening partnerships throughout every aspect of our business. We are committed to our local community through strategic investments in our schools and non-profit organizations and by promoting employee volunteerism. We, the Bridgestone group, are committed to continually working toward a sustainable society with integrity and in a unity with our customers, partners, communities and the world around us.



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1 | FIRESTONE DIFFERENCE

For generations, our team has been dedicated to manufacturing premium inner tubes that combine flexibility, protection and performance. We are committed to providing our partners with unmatched industry knowledge, service and quality. We are determined to earn your trust and loyalty by delivering on our commitments and adding value to your business.

2 | TUBES

We offer the most comprehensive product portfolio in the industry. Our inner tubes feature the most flexible tube components available integrated into today's all-field solution. Our Firestone brand is a symbol of quality and provides the dependability and performance you expect from a name you can trust.

16 | VALVES

Our valves are manufactured by industry leaders with focus on innovation and advanced technology. The valves are engineered to meet the various demands encountered during the life cycle of an inner tube. Our valve specifications are listed to provide a quick reference guide to assist you with your valve selection.

21 | TUBE TIPS

Decades of field experience have revealed that improper mounting practices can lead to inner tube failures. Our tube tips identify industry recommendations to improve the installation process to help eliminate damage to the inner tube, keeping you in the field longer and preventing costly downtime.

23 | WARRANTY

Quality is a measure of excellence required by Bridgestone. Our quality mission is to create customer value and trust. Our warranty policy is designed to have our inner tubes returned and analyzed to provide performance trends to our manufacturing team. We continue to adhere to Harvey Firestone's motto - "Best Today, Still Better Tomorrow."

25 | SAFETY

At Bridgestone, safety is a core business value. We stand by our philosophy and commitment that safety is each teammate's responsibility. Our safety warning is not only listed in our catalog but also printed on our packaged product. It is a guideline for usage and mounting of our inner tubes and is a reminder of our safety mission - safety first, always.



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IT'S WHAT'S INSIDE THAT COUNTS

Today, Bridgestone America's Tube Business (BATB) is the only inner tube manufacturer in the U.S. & Canada.

American Made

The advantage Firestone Tubes demonstrates in the field is driven by generations of commitment to quality. Whether you select our premium Natural Rubber, preferred Severe Service or Classic inner tubes, you can be certain they have been manufactured with precision to meet the demands presented during usage. Our Firestone farm inner tubes are made to help resist the abrasion that's a normal, natural part of farming. Rocks, crop stubble and other hazards stand less of a chance when they come up against Firestone.

Webpage

Our webpage stands alone in its ability to deliver the tools and resources required to expedite our order process, provide invaluable industry knowledge and product specifications. Key features include an industry first fitment guide to assist with inner tube selection and three convenient methods of placing an order. Whether you upload an order, key an order or submit a quick reorder, our website provides step-by-step progress from start to finish. To further enhance our website, we have included detailed specifications and descriptions of key components along with policies and recommendations that prove to be valuable in everyday use.

Customer Service

Customer satisfaction is essential to any successful business. Our goal is to maintain our reputation for superior responsiveness, to provide unmatched industry knowledge and offer solutions that support you and your business. Open, honest and transparent communication is inherent to our company's culture and what you can expect from our company. We continuously look for opportunities to improve the quality of our service; therefore, we encourage your feedback regarding your customer experience. We want to continue to earn your business.

Delivery Performance

We evaluate our supply chain performance through on-time delivery targets and order fill rate. We work extensively with our business partners to ensure delivery schedules are met. Our strategy is to support your business with reduced inventory levels and costs by expediting order shipments. We target a 100% fill rate by managing our inventory levels by SKU based on historical trends and future demand. We monitor carrier performance to ensure freight arrives with pallets intact, that our packaging is not damaged and is satisfactory to you. Same day shipping is available on all UPS orders placed by 2:00 p.m. central time.



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TUBES

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FLOTATION - RADIAL * NATURAL RUBBER - MADE IN THE USA

SIZE	VALVE	ARTICLE #	WT.	QTY/BOX	QTY/PALLET	VALVE OFFSET
42/48X25.00R20 (Center Valve) + <i>42X25.00R20 (Center Valve) - 48X25.00R20 (Center Valve)</i>	TR218A-NR	538-426	15.7	1	60	CTR
42/48X25.00R20 + <i>38X18.00R20 (3 3/4" Offset Valve) - 42X25.00R20 (3 3/4" Offset Valve)</i> <i>48X25.00R20 (3 3/4" Offset Valve) - 38X18.00R20 (3 3/4" Offset Valve)</i>	TR218A-NR	545-236	15.7	1	60	3 3/4
48X31.00R20 + <i>800/50R20</i>	TR218A-NR	540-862	21.4	1	45	CTR
67X34.00R26/25 FLB <i>(Center Valve For Flat Base Rim)</i>	TR218A-NR	536-857	37.6	1	24	CTR
66X43.00R26/25 FLB <i>(Center Valve For Flat Base Rim) Also For Use With 1050/50R26/25</i>	TR218A-NR	538-442	40.6	1	24	CTR
67X34.00R26/25 DCR <i>(Offset Valve For Drop Center Rim)</i>	TR218A-NR	536-865	37.6	1	24	8
66X43.00R26/25 DCR <i>(Offset Valve For Drop Center Rim) Also For Use With 1050/50R26/25</i>	TR218A-NR	532-711	40.6	1	24	7
VA 73X44.00R32 (Center Valve) <i>1100/50R32</i>	TR218A-NR	537-101	42.5	1	24	CTR
DH 35.5LR32 DCR (8" Offset Valve) <i>DH 73X44.00R32 - 1100/50R32</i>	TR218A-NR	533-726	42.5	1	24	8

FORESTRY SPECIAL - RADIAL * NATURAL RUBBER - MADE IN THE USA

SIZE	VALVE	ARTICLE #	WT.	QTY/BOX	QTY/PALLET	VALVE OFFSET
16.9R18.4R26	TR218A-NR	534-307	14.6	1	60	3
23.1R26 <i>750/55R26.5 - 650/65R26.5</i>	TR218A-NR	533-823	27.9	1	32	4 7/8
28LR26	TR218A-NR	533-831	28.5	1	32	4 7/8
600/55R26.5 <i>700/50R26.5</i>	TR218A-NR	550-167	18.6	1	45	3 3/8
16.9R18.4R30	TR218A-NR	534-315	17.4	1	45	3 1/2
24.5R32 - 28L/60R32	TR218A-NR	542-148	32.4	1	24	5 1/5
30.5LR32 <i>800/65R32</i>	TR218A-NR	533-866	42.5	1	24	5 5/8
35.5LR32 FLB (4" Offset Valve)	TR218A-NR	533-718	42.5	1	24	4
DH 35.5LR32 DCR (8" Offset Valve) <i>DH 73X44.00R32 - 1100/50R32</i>	TR218A-NR	533-726	42.5	1	24	8
16.9R18.4R34	TR218A-NR	534-323	19.5	1	45	3 1/2
20.8R34 <i>600/65B34</i>	TR218A-NR	550-949	24.1	1	45	4 1/2
23.1R34 <i>700/55B34</i>	TR218A-NR	550-930	28.3	1	32	5 1/4

+ Special order only

* For super large bore applications, the TR-AD4 adapter can be added to the SP1000 valve. Rim hole must be 11/16 inch.

Flaps available for Road Builder & Off-the-Highway sizes are on page 15.

REAR FARM AND FRONT FARM - RADIAL * NATURAL RUBBER - MADE IN THE USA

SIZE	VALVE	ARTICLE #	WT.	QTY/BOX	QTY/PALLET	VALVE OFFSET
13.50R16.5LR16.1	TR218A-NR	552-816	7.9	2	90	2 1/4
18.4R19.5LR21.5LR16.1	TR218A-NR	518-204	10.8	1	60	1 1/8
16.9R18.4R38 480/80R38	TR218A-NR	543-136	19.5	1	45	3 1/2
20.8R38 520/85R38 - 580/70R38 - 600/65R38	TR218A-NR	543-144	22.1	1	45	4
710/70R38 650/85R38	TR218A-NR	544-167	34.8	1	24	4 1/4
18.4R42 480/80R42	TR218A-NR	545-163	22.2	1	45	3 1/2
20.8R42 520/85R42 - 620/70R42 - 650/65R42	TR218A-NR	545-171	25.1	1	45	4 7/8
710/70R42	TR218A-NR	557-083	38.1	1	24	4 7/8
16.9R18.4R46 480/80R46 - 520/85R46	TR218A-NR	545-155	24.1	1	45	2 1/2
16.9R18.4R20.8R50 420/85R50 - 420/90R50 - 460/85R50 - 480/80R50 - 520/85R50	TR218A-NR	558-562	26.1	1	45	3 3/4
320/90R - 300/95R - 270/95R50/52/54	TR218A-NR	557-610	16.0	1	45	2

REAR FARM DELUXE CHAMPION - RADIAL * SEVERE SERVICE - MADE IN THE USA

SIZE	VALVE	ARTICLE #	WT.	QTY/BOX	QTY/PALLET	VALVE OFFSET
23.1R28LR26 620/75R26	TR218A	557-151	24.1	1	32	4 7/8
16.9R18.4R30 420/90R30 - 480/70R30	TR218A	550-086	15.9	1	60	3 1/2
24.5R32 28L/60R32	TR218A	557-134	30.0	1	32	5 1/5
30.5LR32 800/65R32	TR218A	557-168	38.9	1	24	5 5/8
16.9R18.4R34 480/70R34 - 480/80R34 - 480/85R34	TR218A	550-116	17.5	1	60	3 1/2
20.8R34 520/70R34	TR218A	550-078	22.0	1	45	4 1/2
15.5R38 320/85R38	TR218A	550-043	17.3	1	60	2 1/2
16.9R18.4R38 480/80R38	TR218A	550-108	19.0	1	60	3 1/2
20.8R38 520/85R38 - 580/70R38 - 600/65R38	TR218A	550-051	21.4	1	45	4
18.4R42 480/80R42	TR218A	550-094	21.6	1	60	3 1/2
20.8R42 520/85R42 - 620/70R42 - 650/65R42	TR218A	550-035	23.0	1	45	4 7/8
16.9R18.4R46 420/80R46 - 480/80R46	TR218A	550-175	24.4	1	45	2 1/2

REAR FARM - RADIAL - MADE IN THE USA

SIZE	VALVE	ARTICLE #	WT.	QTY/BOX	QTY/PALLET	VALVE OFFSET
13.6R16	TR218A	552-833	6.4	4	180	2
9.5R22	TR218A	552-850	5.4	4	180	1 7/8
7.50R8.3R9.5R24	TR218A	552-151	4.5	4	180	1 1/2
9.00R10.00R11.2R12.4R24	TR218A	552-867	6.1	4	180	2
320/85R24						
13.6R14.9R24/26	TR218A	552-607	9.7	2	90	2 1/8
340/85R24 - 380/85R24						
16.9R17.5LR18.4R19.5LR21LR24	TR218A	540-714	11.0	2	90	3 1/8
420/70R24 - 480/65R24 - 540/65R24						
16.9R18.4R26/28	TR218A	552-577	11.9	2	90	3
420/85R26						
23.1R28LR26	TR218A	550-892	21.2	1	32	4 7/8
620/75R26						
11.2R12.4R28	TR218A	552-884	6.9	4	180	2
13.6R14.9R28 - 13.6R30	TR218A	540-706	10.5	2	90	2 1/8
420/70R28 - 340/85R28 - 380/85R28						
16.9R18.4R28	TR218A	532-622	12.0	2	90	3 3/4
420/85R28 - 480/70R28 - 540/65R28						
14.9R16.9R18.4R30	TR218A	552-585	13.2	2	90	3 1/2
380/85R30 - 420/90R30 - 480/70R30						
23.1R30	TR218A	541-958	19.6	1	32	5 1/8
600/65R28						
9.5R32	TR218A	552-901	6.3	4	180	1 1/2
24.5R32	TR218A	519-294	24.3	1	32	5 1/5
650/75R32						
30.5LR32	TR218A	519-340	34.9	1	24	5 5/8
800/65R32						
13.6R14.9R34	TR218A	549-371	12.1	2	90	2 1/4
380/85R34 - 385/85R34						
16.9R18.4R34	TR218A	518-433	15.3	2	90	3 1/2
480/70R34 - 480/80R34 - 480/85R34						
20.8R34	TR218A	532-649	19.2	1	45	4 1/2
520/70R34						
23.1R34	TR218A	532-657	21.2	1	32	5 1/4
9.5R36	TR218A	552-918	6.9	4	180	2
11.2R34 - 11.2R12.4R36	TR218A	538-361	7.6	2	90	2
290/95R34 - 320/85R34						
13.6R13.9R14.9R36/38	TR218A	552-593	11.7	2	90	3
11.2R12.4R38	TR218A	538-396	10.1	2	90	2
13.6R13.9R14.9R15.5R38	TR218A	549-452	13.1	2	90	2 1/2
320/85R38						
16.9R18.4R38	TR218A	518-417	16.6	2	90	3 1/2
480/80R38						
20.8R38	TR218A	505-471	18.7	1	45	4
600/65R38 - 520/70R38 - 580/70R38 - 520/85R38						
9.5R11.2R12.4R42	TR218A	550-914	8.2	2	90	1 3/4
18.4R42	TR218A	533-041	17.9	1	60	3 1/2
480/80R42						

REAR FARM - RADIAL - MADE IN THE USA (CONTINUED)

SIZE	VALVE	ARTICLE #	WT.	QTY/BOX	QTY/PALLET	VALVE OFFSET
20.8R42 520/70R42 - 520/85R42 - 620/70R42 - 650/65R42	TR218A	533-068	20.1	1	45	4 7/8
12.4R13.6R46 320/90R46	TR218A	552-935	12.5	2	90	2 1/2
14.9R46 380/90R46	TR218A	538-310	15.5	1	60	2
16.9R18.4R46 420/80R46 - 480/80R46	TR218A	536-628	19.1	1	45	2 1/2

REAR FARM - RADIAL - IMPORTED

SIZE	VALVE	ARTICLE #	WT.	QTY/BOX	QTY/PALLET	VALVE OFFSET
13.6R20	TR218A	556-777	6.6	4	160	2 1/4
7.50R8.3R9.5R24	TR218A	556-794	4.0	4	200	1 1/2
9.00R10.00R11.2R12.4R24 320/85R24	TR218A	556-811	6.8	4	200	2
13.6R14.9R24/26 340/85R24 - 380/85R24	TR218A	556-828	9.0	2	100	2 1/2
16.9R17.5LR24 420/70R24 - 480/65R24	TR218A	556-845	9.0	2	100	3
18.4R19.5LR21LR24 540/65R24	TR218A	556-862	11.4	2	80	3
16.9R18.4R26/28 420/85R26	TR218A	556-879	9.7	2	100	3 1/2
11.2R12.4R28	TR218A	556-896	7.5	4	160	2
13.6R14.9R28 - 13.6R30 420/70R28 - 340/85R28 - 380/85R28	TR218A	556-913	10.6	2	100	2 1/2
14.9R16.9R18.4R30 380/85R30 - 420/90R30 - 480/70R30	TR218A	556-930	14.1	2	80	3 1/2
16.9R18.4R34 480/70R34 - 480/80R34 - 480/85R34	TR218A	556-947	15.6	2	80	3 1/2
11.2R12.4R36	TR218A	556-964	9.3	2	100	2 1/2
11.2R12.4R38	TR218A	556-981	9.3	2	140	2
15.5R38 320/85R38	TR218A	556-998	14.0	2	100	2 1/2
16.9R18.4R38 480/80R38	TR218A	557-015	17.4	2	80	4 1/4
20.8R38 600/65R38 - 520/70R38 - 580/70R38 - 520/85R38	TR218A	557-933	17.5	1	50	3 1/2
18.4R20.8R42 480/80R42 - 520/70R42 - 520/85R42 - 620/70R42 - 650/65R42	TR218A	557-950	19.2	1	40	3 1/2
20.8R46 520/85R46 - 620/70R46	TR218A	557-814	22.3	1	24	3 1/2
9.5R11.2R48 230/95R48 - 270/95R48	TR218A	554-448	16.2	1	50	2 1/9
16.9R18.4R50 380/90R50 - 420/85R50 - 420/90R50 - 460/85R50 - 480/80R50	TR218A	557-831	21.5	1	24	3 2/5

FRONT FARM - IMPLEMENT - RADIAL - MADE IN THE USA

SIZE	VALVE	ARTICLE #	WT.	QTY/BOX	QTY/PALLET	VALVE OFFSET
MR14/15 - 7R7.5LR7.50R8R8.5LR9.5LR14/15	TR13 *	521-078	2.5	10	450	2
11LR15/16 - 9.00R10.00R15/16	TR15CW	520-861	3.0	8	360	1 7/8
11.00R12.5LR15/16 - 12.4R16 - 31X15.50R15 NHS	TR218A	520-802	4.6	4	180	2 1/4
GR16 - 5.50R5.90R6.00R6.40R15/16	TR13 *	532-517	1.9	10	450	3/4
KR16 - 6.50R6.70R7.00R7.50R7.60R15/16	TR13 *	538-469	2.7	10	450	3/4
9.5LR10.00R11LR16 - 31X12.50R13.50R15 - 33X12.50R15	TR218A	521-086	3.8	6	270	1 1/2
11.00R16	TR15CW	539-058	5.0	4	180	2 1/3
12.4R16 - 14R14.5LR16.1 - 14.5/75R16.1SL - 36X13.50R15	TR15CW	532-088	7.0	2	90	2
12.5/80R18						
10.5LR12.5LR18/20	TR15CW	539-007	4.6	4	180	1 3/8
10.5/80R18 - 12.0/12.5R18 - 10.0/10.5R20						

TR13 or TR13CW valves applied in a large (0.656") rim hole must have a B6 bushing applied or the valve will fail.

TR13 * = Supplied with B6 bushing

FRONT FARM - IMPLEMENT - RADIAL - IMPORTED

SIZE	VALVE	ARTICLE #	WT.	QTY/BOX	QTY/PALLET	VALVE OFFSET
4.00R4.80R8/9	TR13	533-149	0.8	10	700	2/7
9.00R9.5LR10	TR150	538-981	2.2	4	280	6/7
9.00R9.5LR10	TR218A	551-538	2.2	4	280	6/7
DR12/13/14 - 4.00R4.50R4.80R5.00R5.30R5.70R12	TR13	542-865	1.0	10	700	1/2
6.00R12 (6R12)	TR13	543-128	1.3	10	500	3/5
23X8.50R9.50R10.50R12 - 23.5X8.5R12	TR13	542-946	2.0	10	500	1 1/6
FR13/14 - 6R14	TR13	551-929	1.5	10	500	4/5
GR13/14/15 - 7R14	TR13 *	551-902	1.7	10	500	1
11LR14	TR13	552-194	3.4	10	400	1 2/9
MR14/15 - 7R7.5LR7.50R8R8.5LR9.5LR14/15	TR13 *	551-880	2.0	10	500	1 3/8
4.00R5.00R15	TR15	532-789	1.2	10	500	1/2
27X8.50R9.50R10.50R15	TR15CW	551-813	2.4	10	400	1 3/8
215/70D15 NHS - 260/65D15 NHS - 212/80R15						
11LR15 (8" RIM ONLY)	TR15	552-208	3.4	10	400	1 2/9
11LR15/16	TR15CW	552-186	3.8	8	320	1 2/3
11.00R12.5LR15/16 - 12.4R16 - 31X15.50R15 NHS	TR218A	552-410	3.8	4	280	1 2/3
11.00R12.5LR15/16 - 12.4R16 - 31X15.50R15 NHS	TR15CW	552-380	3.8	4	280	1 2/3
FR15 - 5.50R5.90R6.00R6.40R15/16	TR13 *	551-791	1.7	10	500	4/5
6.50R6.70R7.00R7.50R7.60R15/16 - 8R16	TR15	551-783	2.2	10	500	1 1/6
9.5LR10.00R11LR16 - 31X12.50R13.50R15 - 33X12.50R15	TR218A	552-429	3.8	6	300	1 2/3
9.00R10.00R15/16	TR15CW	552-437	5.1	6	240	1 1/2
9.00R10.00R15/16	TR150	551-031	5.1	6	240	1 1/2
11.00R16	TR15CW	552-445	5.9	4	200	1 7/9
12.4R16 - 14R14.5LR16.1 - 14.5/75R16.1SL - 36X13.50R15	TR15CW	552-453	5.2	2	140	2 1/3
13.50R16.5LR16.1	TR218A	552-518	8.0	2	100	2 1/4
18.4R19.5LR21.5LR16.1	TR218A	552-526	13.0	2	80	1 4/5
6.50R7.00R7.50R8R18	TR15CW	532-118	3.0	4	280	3/5
10.5LR12.5LR18/20	TR15CW	552-461	4.6	4	200	1 3/4
10.5/80R18 - 12.0/12.5R18 - 10.0/10.5R20						
7.50R8.25R20	TR15	552-488	3.7	6	300	1
8.3R9.00R9.50R10.00R12.5R18/20	TR15CW	552-496	3.9	4	200	1 3/4
4.00R18/19 - 4R19	TR15	532-770	1.5	10	500	3/5

ROAD BUILDER & OFF-THE-HIGHWAY - RADIAL - MADE IN THE USA

SIZE	VALVE	ARTICLE #	WT.	QTY/BOX	QTY/PALLET	VALVE OFFSET
14.00R20	TR220A	540-722	9.4	2	90	7/8
13.00R14.00R24RB	TR220A	540-757	10.2	2	90	1/2
15.5R16.00R17.5R24/25	TR220A	540-765	14.5	1	60	3/4
15.5R16.00R17.5R24/25	TRSP1000 *	540-846	14.5	1	60	CTR
16.00R20/21 +	TRSP1000 *	540-773	14.9	1	60	CTR
24R27.25R21 +	TRSP1000 *	540-781	26.9	1	32	CTR
14.00R24/25	TRSP1000 *	540-803	10.1	2	90	CTR
18.00R20.5R24/25	TRSP1000 *	540-854	18.1	1	45	CTR

ROAD BUILDER & OFF-THE-HIGHWAY - RADIAL - IMPORTED

SIZE	VALVE	ARTICLE #	WT.	QTY/BOX	QTY/PALLET	VALVE OFFSET
14/70R20	TR76A	557-882	9.9	4	200	CTR

OFF-THE-HIGHWAY - RADIAL * NATURAL RUBBER - MADE IN THE USA

SIZE	VALVE	ARTICLE #	WT.	QTY/BOX	QTY/PALLET	VALVE OFFSET
21.00R23.5R24/25 +	TRSP1000-NR *	538-205	27.8	1	32	CTR
24R26.5R25 +	TRSP1000-NR *	538-213	29.6	1	24	CTR
29.5R25 +	TRSP1000-NR *	538-221	33.4	1	24	CTR

+ Special order only

* For super large bore applications, the TR-AD4 adapter can be added to the TRSP1000 valve. Rim hole must be 11/16 inch.
Flaps available for Road Builder & Off-the-Highway sizes are on page 15.

TR13 * = Supplied with B6 Bushing

LIGHT TRUCK - RADIAL - MADE IN THE USA

SIZE	VALVE	ARTICLE #	WT.	QTY/BOX	QTY/PALLET	VALVE OFFSET
7/8/9R14.5LT	TR15CW	551-023	2.5	10	450	7/8
7.00R7.50R16LT GR/HR/LR78-16LT - LT215/235-85R16 - LT225/70R16 - LT225/85R16 - 225/245/265-75R16 LT235/70R16 - LT235/75R16 - LT245/70R16 - LT255/70R16 - 8.25R16LT	TR15CW	534-099	3.1	10	450	3/4
7.00R7.50LR16.T LR78-16LT - P265-75R16LT - P215-85R16LT - LT225/70R16 - LT225/85R16 LT235/65R16 - LT235/70R16 - LT235/75R16 - LT235/85R16 - LT245/70R16 LT245/75R16 - LT255/60R17 - LT255/70R16 - LT235/65R17 - LT245/70R16 LT255/60R17 - P225/70R16 - P225/85R16 - P235/65R17 - P235/70R16 P235/75R16 - P235/85R16LT - P245/70R16 - P245/75R16 - P255/60R17 P255/70R16LT - P255/85R16LT - P275/60R16LT - P265/70R16LT - P235/65R17 P265/60R17LT - P275/60R17 - P285/60R17	TR13	547-751	3.1	10	450	3/4
10R12R16.5LT 265/70D16.5 NHS - 305/70D16.5 NHS - 305/90D16.5 NHS 31X10.50R16.5LT - 33X12.50R16.5LT	TR15CW	533-432	4.1	6	270	1 1/2

LIGHT TRUCK - RADIAL - IMPORTED

TR13 or TR13CW valves applied in a large (0.656") rim hole must have a B6 bushing applied or the valve will fail.

TR13 * = Supplied with B6 bushing

SIZE	VALVE	ARTICLE #	WT.	QTY/BOX	QTY/PALLET	VALVE OFFSET
7/8/9R14.5LT	TR15CW	551-988	1.9	10	500	1 1/6
7.00R7.50R15LT	TR13	551-996	2.2	10	500	1 1/6
6.70R/7.10R/7.50R/GR/HR/LR-78-15LT - LT215/235-75R15 - LT225/75R15 LT235/75R15 - LT245/70R15 - LT255/70R15 - P215/75R15 - P225/75R15 P235/75R15 - P245/70R15 - P255/70R15						
7.00R7.50R15LT	TR150	552-003	2.2	10	500	1 1/6
6.70R/7.10R/7.50R/GR/HR/LR-78-15LT - LT215/235-75R15						
9R10R11R15LT	TR13	552-011	3.4	6	300	1 2/9
30X9.50R15LT - 31X10.50R15LT - 31/32X11.50R15LT - LT265/70R15 - LT275/70R15 LT285/70R15 - LT275/65R16 - LT275/70R16 - LT265/70R17 - P265/70R16 P265/75R16 - P275/65R16						
9.00R15/16LT	TR150	554-516	4.5	4	280	1 1/3
12R15/16LT	TR13	552-038	3.8	6	300	1 2/3
33X12.50R15LT - LT315/70R15 - LT325/60R15 - LT265/75R16 - LT285/75R16 LT305/70R16 - LT275/60R17 - LT275/65R17 - LT285/60R17 - LT305/70R17 P315/70R15 - P275/70R16 - P285/75R16 - P305/70R16 - P275/65R17 P265/70R17 - P305/70R17						
GR16 - 6.00R6.50R16LT	TR13 *	551-872	2.2	10	500	1
FR78-16LT						
6.00R6.50R16LT	TR150	554-482	2.7	10	500	1
FR78-16LT						
7.00R7.50R16LT	TR15CW	552-046	3.2	10	400	1 1/6
GR/HR/LR78-16LT - LT215/235-85R16 - LT225/70R16 - LT225/85R16 - 225/245/265-75R16 LT235/70R16 - LT235/75R16 - LT245/70R16 - LT255/70R16 - 8.25R16.5LT						
7.00R7.50R16LT	TR135	552-054	3.2	10	400	1 1/6
GR/HR/LR78-16LT - LT215/235-85R16 - 225/245/265-75R16						
7.00R7.50R16LT	TR150	552-062	3.2	10	400	1 1/6
GR/HR/LR78-16LT - LT215/235-85R16 - 225/245/265-75R16						
7.00R7.50R16LT	TR440	552-070	3.0	10	400	CTR
7.00R7.50R16LT	TR13	552-089	3.2	10	400	1 1/6
LR78-16LT - P265-75R16LT - P215-85R16LT - LT225/70R16 - LT225/85R16 LT235/65R16 - LT235/70R16 - LT235/75R16 - LT235/85R16 - LT245/70R16 LT245/75R16 - LT255/60R17 - LT255/70R16 - LT235/65R17 - LT245/70R16 LT255/60R17 - P225/70R16 - P225/85R16 - P235/65R17 - P235/70R16 P235/75R16 - P235/85R16LT - P245/70R16 - P245/75R16 - P255/60R17 P225/70R16LT - P255/85R16LT - P275/60R16LT - P265/70R16LT - P235/65R17 P265/60R17LT - P275/60R17 - P285/60R17						
8.00R8.75R16.5LT	TR15CW	552-100	2.2	10	500	1 1/6
9.50R16.5LT	TR15CW	552-119	2.4	10	400	1 3/8
10R12R16.5LT	TR15CW	552-399	3.8	6	300	1 2/3
31X10.50R16.5LT - 33X12.50R16.5LT 265/70D16.5 NHS - 305/70D16.5 NHS - 305/90D16.5 NHS						
14/35/36.5R15/16/16.5LT	TR13	552-534	5.2	2	100	2 1/3
14/35/36.5R15LT - 14/35/36.5R16LT - 14/35/36.5R16.5LT 355/70D17.5 NHS						

TRUCK / BUS / LOW PLATFORM TRAILER - RADIAL - MADE IN THE USA

SIZE	VALVE	ARTICLE #	WT.	QTY/BOX	QTY/PALLET	VALVE OFFSET
7.00R7.50R15TR	TR440	538-655	2.8	6	270	CTR
8.25R15TR	TR444	520-799	3.6	4	180	CTR
9.00R10.00R11.00R15TR	TR444	552-629	5.3	4	180	CTR
8.25R20	TR442	540-188	4.8	4	180	CTR
9.00R20	TR443	540-196	5.2	4	180	CTR
10.00R12.80R20	TR444	540-234	5.7	4	180	CTR
11.00R12.00R20 - 13.80R14.80R20	TR444	540-242	7.1	4	180	CTR
13.00R14.00R20/21	TR445	550-132	9.2	2	90	CTR
12.00R24 +	V3.08.2 V3.02.14	549-665	14.3	1	60	CTR
11.00R12.00R24/25	TR444	536-075	8.8	2	90	CTR
13.00R14.00R24/25	TR445	550-140	10.1	2	90	CTR

TRUCK / BUS / LOW PLATFORM TRAILER - RADIAL - IMPORTED

SIZE	VALVE	ARTICLE #	WT.	QTY/BOX	QTY/PALLET	VALVE OFFSET
7.00R7.50R15TR	TR440	556-556	2.3	6	300	CTR
8.25R15TR	TR444	556-573	3.2	4	280	CTR
9.00R10.00R11.00R15TR	TR444	556-590	4.7	4	200	CTR
7.00R7.50R17/18	TR440	553-003	3.7	6	300	CTR
7.50R20	TR441	553-020	3.9	6	300	CTR
8.25R20	TR442	553-037	5.3	4	200	CTR
9.00R20	TR443	553-054	5.8	4	200	CTR
10.00R12.80R20	TR444	553-071	6.6	4	200	CTR
11.00R12.00R20 - 13.80R14.80R20	TR444	553-088	7.2	4	96	CTR
13.00R14.00R20/21	TR445	553-105	10.9	2	100	CTR
10.00R11.00R22	TR444	553-122	7.7	4	160	CTR
11.00R12.00R24/25	TR444	553-173	8.8	2	100	CTR
13.00R14.00R24/25	TR445	553-190	10.8	2	100	CTR

+ Special order only - 12.00R24 can be purchased with various extensions. Please call for additional information.

Flaps available for Truck / Bus / Low Platform Trailer sizes are on page 15.

TRUCK / BUS - BIAS - IMPORTED

SIZE	VALVE	ARTICLE #	WT.	QTY/BOX	QTY/PALLET	VALVE OFFSET
9.00-20	TR443	551-759	5.2	4	160	CTR
10.00-20	TR444	551-767	6.6	4	160	CTR

SKID STEER LOADER / MANLIFT / DUPLEX TRUCK - RADIAL - IMPORTED

SIZE	VALVE	ARTICLE #	WT.	QTY/BOX	QTY/PALLET	VALVE OFFSET
7R8R17.5 <i>215/235/75R17.5 - 245/70R17.5</i>	TR15CW	556-607	2.5	6	300	1 3/8
14R17.5 <i>355/70D17.5 - 31X13.00R-16.5 - 33X15.50R-16.5 - 330/55D16.5 NHS - 395/55D16.5 NHS</i>	TR15CW	556-624	5.2	4	200	2 1/3
8R9R19.5	TR15CW	556-641	2.8	6	300	1
15R18R19.5 <i>385/65D19.5 - 445/65D19.5 - 355/80D20</i>	TR15CW	556-658	10.7	2	100	2 5/7
15R18R19.5 <i>385/65D19.5 - 445/65D19.5 - 355/80D20 - 475/65D20</i>	TR218A	556-675	10.7	2	100	2 5/7
15R18R19.5 <i>385/65D19.5 - 445/65D19.5 - 355/80D20</i>	TR440	556-692	10.8	2	100	2 5/7
8R9R22.5 <i>255/70R22.5</i>	TR15CW	556-709	4.3	4	200	1 1/9
10R11R12R22.5 <i>295/75R22.5 - 285/75R22.5 - 275/80R22.5</i>	TR300	556-726	6.4	4	200	1 1/3
15R16.5R18R22.5 <i>385/65D22.5 - 445/65D22.5</i>	TR15CW	556-743	11.0	1	50	3 1/7
11R12R24.5 <i>285/75R24.5</i>	TR15CW	556-760	8.8	4	160	4/5

INDUSTRIAL MINING SERVICE - RADIAL - IMPORTED

SIZE	VALVE	ARTICLE #	WT.	QTY/BOX	QTY/PALLET	VALVE OFFSET
7.50R9.00R10	TR440	533-556	2.0	10	500	CTR
23X8R9R10 - 7.50R9.00R10	TR15CW	540-633	2.2	10	500	7/8
6.90R6.00R9 - 6.5R10	TR87	519-405	1.3	10	500	4/5
6.90R6.00R9 - 6.5R10	TR440	552-267	1.4	10	500	CTR
7.00R12	TR440	533-343	2.0	10	500	CTR
8.25R15	TR440	549-819	3.5	4	280	CTR
25X7.50R27X9.50R15 - 28X9R29X8R30X8R15 - 7.00R8.15R15	TR440	540-625	2.4	10	400	CTR
29X10R32X12RX12.1R15	TR440	552-291	4.2	10	240	1 3/8
250/300R15	TR442	552-216	4.2	10	240	CTR

INDUSTRIAL & TRAILER - BIAS - IMPORTED

SIZE	VALVE	ARTICLE #	WT.	QTY/BOX	QTY/PALLET	VALVE OFFSET
2.80/2.50-4	TR87	542-776	0.3	10	1,000	1/5
4.10/3.50-4	TR13	552-224	0.4	10	1,000	1/5
4.10/3.50-4	TR87	533-211	0.4	10	1,000	1/5
4.10/3.50-5	TR13	552-232	0.4	10	1,000	1/5
4.10/3.50-5	TR87	533-238	0.4	10	1,000	1/5
11X4.00/4.50/6.00-5	TR87	542-784	0.7	10	1,000	3/5
4.10/3.50-6	TR13	552-240	0.5	10	1,000	1/5
4.10/3.50-6	TR87	533-246	0.5	10	1,000	1/5
5.30/4.50-6	TR87	542-792	0.6	10	1,000	2/5
3.50/3.00-8	TR13	552-259	0.5	10	1,000	2/7
3.50/3.00-8	TR87	542-806	0.5	10	1,000	2/7
4.80/4.00-8/9	TR87	537-632	0.8	10	700	2/7
5.70/5.00-8	TR13	533-262	1.1	10	700	5/7
5.70/5.00-8	JS2	542-814	1.1	10	700	5/7
18X7.00-8	TR87	542-822	1.2	10	500	3/5
6.90/6.00-9	TR13	552-283	1.3	10	500	4/5
6.90/6.00-9	JS2	532-010	1.4	10	500	4/5
6.90/6.00-9	TR135	542-830	1.3	10	500	4/5
6.50/7.00/7.50-10	JS2	543-098	1.7	10	500	3/5
6.50/7.00/7.50-10	TR135	542-857	1.6	10	500	3/5
20.5X8.00-10 - 20X8/21X7/22X8-10	TR13	543-071	1.6	10	500	1

INDUSTRIAL & TRAILER - RADIAL - IMPORTED

SIZE	VALVE	ARTICLE #	WT.	QTY/BOX	QTY/PALLET	VALVE OFFSET
4.00R4.80R8/9	TR13	533-149	0.8	10	700	2/7
DR12/13/14 - 4.00R4.50R4.80R5.00R5.30R5.70R12	TR13	542-865	1.0	10	700	1/2

TR13 or TR13CW valves applied in a large (0.656") rim hole must have a B6 bushing applied or the valve will fail.

LAWN & GARDEN - BIAS - IMPORTED

SIZE	VALVE	ARTICLE #	WT.	QTY/BOX	QTY/PALLET	VALVE OFFSET
13X5.00/6.50-6	TR13	542-881	0.7	10	700	2/5
15X6.00-6	TR13	542-903	0.8	10	700	3/5
16X6.50/7.50-8	TR13	542-911	1.2	10	700	3/5
18X8.50/9.50-8	TR13	542-938	1.5	10	500	1 1/6
4.50/5.00/5.20-10	TR13	551-287	1.0	10	700	2/5
6.50-10	TR15	551-228	1.6	10	500	3/5
20X8.00-10	JS2	551-252	1.7	10	500	1
24/26X12-12	TR13	542-954	3.0	10	400	1 7/9
6.00/7-16	TR218A	551-244	1.8	10	500	3/5
7.50/8/9.5-16	TR218A	551-236	2.4	10	400	1
8.3/8/9.5-18/20	TR218A	551-309	4.0	10	400	1 7/9

LAWN & GARDEN - RADIAL - IMPORTED

SIZE	VALVE	ARTICLE #	WT.	QTY/BOX	QTY/PALLET	VALVE OFFSET
6.00R12 (6R12)	TR13	543-128	1.3	10	500	3/5
23X8.50R9.50R10.50R12 - 23.5X8.5R12	TR13	542-946	2.0	10	500	1 1/6
6.50R7.00R7.50R8R18	TR15CW	532-118	3.0	4	280	3/5

ATV - RADIAL - IMPORTED

SIZE	VALVE	ARTICLE #	WT.	QTY/BOX	QTY/PALLET	VALVE OFFSET
8.00R6/7	TR87	542-962	1.5	10	700	3/5
16X8.00R7	TR6	542-970	1.2	10	500	3/5
18X8R8 - 18X8.5R8 - 18X9.5R8 - 18X10R8 - 18X11R8	TR6	542-989	1.5	10	500	1 1/6
19X8R8 - 19X8.5R8 - 19X9.5R8 - 19X10R8 - 19X11R8						
20X7R8 - 20X10R8 - 20X11R8 - 21X11R8 - 21X12R8	TR6	542-997	1.8	10	500	1 3/8
22X9R8 - 22X10R8 - 22X11R8 - 22X12R8 - 23X10R9						
20X10R9 - 20X7R9 - 21X8R9 - 22X7R9						
24X11R9 - 24X13R9 - 24X13.5R9 - 25X11R9 - 25X12R9	TR6	543-004	2.0	10	500	1 7/9
25X13.5R9 - 24X11R10 - 25X11R10 - 25X12R10						
18X10R10 - 18X11R10 - 20X7.50R10 - 20X8R10 - 20X10R10	TR6	543-012	1.6	10	500	1
20X11R10 - 21X7R10 - 22X7R10 - 22X8R10 - 22X9R10						
22X10R10 - 22X11R10 - 23X7R10 - 23X10R10						
25X8R10 - 22X8R11 - 23X8R11 - 23X10R11	TR6	543-020	2.1	10	500	1 1/6
23.5X8R11 - 24X8R11 - 24X9R11 - 24X10R11						
23X8R12 - 23X10R12 - 24X8R12 - 24X10R12						
25X8R12 - 25X10R12						
25X12R12 - 26X9R12 - 26X12R12	TR6	557-049	2.1	10	500	1 1/6

TR13 or TR13CW valves applied in a large (0.656") rim hole must have a B6 bushing applied or the valve will fail.

DRAG RACING * NATURAL RUBBER - MADE IN THE USA

SIZE	VALVE	ARTICLE #	WT.	QTY/BOX	QTY/PALLET	VALVE OFFSET
D4519 9.00/28.5-15 - 9.00/29.5-15 - 9.00/30.0-15 28.0/29.0X10.0-15 - 28.0/29.0/30.0X9.0-15	TR218A-NR	536-539	3.1	2	120	2
D5025 10.5/11.5/28.5-15 - 10.5/11.5/29.5-15 - 10.5/30.5-15 - 11.5/29.5-15W 29.5X11.5-15W - 29.0X11.0/12.0-15 - 29.5X10.5-15 - 30.0X10.5/11.5/12.0-15	TR218A-NR	534-285	5.1	2	120	2 1/4
D6028 12.0/30.5-15 - 12.0/31.5-15 - 12.2/31.25-15 - 12.2/31.25-15W - 13.0/31.0-15 13.0/31.0-15W - 13.5/31.5-15 - 14.0X32.0/33.0-15 - 14.0/32.0-15W 14.5X31.0/32.0/33.0-15 - 15.0/33.5-15 - 31.0X12.0/13.0/14.0/14.5-15 - 31.5X12.5/14.0/14.5-15 31.5X13.0-15W - 32.0X12.0/13.0/13.5/14.0/14.5-15 - 33.0X12.0/13.0/14.0/14.5/15.0-15 - 33.5X15.0-15	TR218A-NR	534-293	7.3	2	120	2 1/2

FLAP - RADIAL - IMPORTED

SIZE	ARTICLE #	WT.	QTY/BOX
8R4.6 5.00R5.70R8	938-793	0.8	20
9R4.6 6.00R6.90R9	938-785	1.0	20
10R5.8 6.50R7.50R10	938-807	1.4	20
12R6.0 7.00R8.25R12	938-777	1.7	20
15R7.4 6.00R6.50R7.00R7.50R8.25R15 (Center Valve)	938-637	2.2	12
15R7.4 6.00R6.50R7.00/7.50/8.25R15LT (Off Center Valve)	938-639	2.9	12
15R8 9.00R10.00R11.00R15	938-645	2.3	10
16R6.9 6.50R7.00R7.50R8.25R16 (3/4" Off Center Valve)	938-653	3.3	12
16R6.9 6.50R7.00R7.50R8.25R16 (Center Valve)	938-654	3.3	12
18R7.8 7.00R7.50R18 (Center Valve)	938-655	4.3	10
20R7.8 7.50R8.25R9.00R20	938-661	4.4	10
20R8.2 10.00R11.00R12.00R20	938-696	5.5	10
20R9.1 13.00R14.00R20	938-688	7.2	5
22R8.3 10.00R11.00R12.00R22	938-718	6.1	8
24R11.1 13.00R14.00R24	938-629	7.8	5
24R11.1 13.00R14.00R24RG (3/4" Off Center Valve)	938-750	7.9	5
25R14.8 17.5R25	938-734	8.1	5

VALVES

17 TR4/TR6
TR13
TR15
TR15CW
TR135
TR150

18 TR300
TR220A
TR218A
JS2
TR87
TR76A

19 TR440/TR445
V3.08.2/14
CH3
B6

20 TRSP1000
Attachments for TRSP1000 Spud

INNER TUBE VALVES



TR4/TR6

- ATV sizes
- Valve is straight metal stem
- .305-32 threads
- Supplied with two hex nuts that go outside the rim

LENGTH INCHES	-	1.16"
RIM HOLE	-	0.333"
MAXIMUM PRESSURE	-	60 PSI
INTENDED FOR HYDROFLATION	-	No
HAND BENDABLE	-	No
BORE DIAMETER	-	Standard
COMMENTS	-	NA
EQUIVALENT VALVES	-	NA



TR13

- Passenger, light truck, front tractor, industrial, and lawn & garden sizes
- Valve is straight, rubber covered
- B6 bushing allows use in a 0.625" rim hole

LENGTH INCHES	-	1.38"
RIM HOLE	-	0.453"
MAXIMUM PRESSURE	-	60 PSI
INTENDED FOR HYDROFLATION	-	No
HAND BENDABLE	-	No
BORE DIAMETER	-	Standard
COMMENTS	-	B6 bushing must be added for .656 rim hole
EQUIVALENT VALVES	-	NA



TR15

- Front tractor and lawn & garden sizes
- Valve is straight, rubber covered

LENGTH INCHES	-	1.38"
RIM HOLE	-	0.625"
MAXIMUM PRESSURE	-	60 PSI
INTENDED FOR HYDROFLATION	-	No
HAND BENDABLE	-	No
BORE DIAMETER	-	Standard
COMMENTS	-	NA
EQUIVALENT VALVES	-	NA



TR15CW

- Passenger, light truck, truck-bus, front tractor, mining, and lawn & garden sizes
- Valve is straight, rubber covered
- Two identification rings near top of rubber stem

LENGTH INCHES	-	1.38"
RIM HOLE	-	0.625"
MAXIMUM PRESSURE	-	150 PSI
INTENDED FOR HYDROFLATION	-	Yes
HAND BENDABLE	-	No
BORE DIAMETER	-	Standard
COMMENTS	-	NA
EQUIVALENT VALVES	-	NA



TR135

- Light truck, industrial, trailer sizes
- Valve is rubber covered
- Supplied straight but is hand bendable

LENGTH INCHES	-	2.63"
RIM HOLE	-	0.625"
MAXIMUM PRESSURE	-	60 PSI
INTENDED FOR HYDROFLATION	-	No
HAND BENDABLE	-	Yes
BORE DIAMETER	-	Standard
COMMENTS	-	NA
EQUIVALENT VALVES	-	NA



TR150

- Light truck, front tractor sizes
- Valve is rubber covered
- Supplied straight but is hand bendable

LENGTH INCHES	-	3.5"
RIM HOLE	-	0.625"
MAXIMUM PRESSURE	-	100 PSI
INTENDED FOR HYDROFLATION	-	No
HAND BENDABLE	-	Yes
BORE DIAMETER	-	Standard
COMMENTS	-	NA
EQUIVALENT VALVES	-	NA

INNER TUBE VALVES



TR300

- Limited truck-bus sizes
- Can be replaced by TR15 for most applications

LENGTH INCHES	-	1.97"
RIM HOLE	-	0.625"
MAXIMUM PRESSURE	-	150 PSI
INTENDED FOR HYDROFLATION	-	No
HAND BENDABLE	-	No
BORE DIAMETER	-	Standard
COMMENTS	-	NA
EQUIVALENT VALVES	-	NA



TR220A

- Road grader applications
- Same as TR218A except length is 1.19"

LENGTH INCHES	-	1.19"
RIM HOLE	-	0.625"
MAXIMUM PRESSURE	-	150 PSI
INTENDED FOR HYDROFLATION	-	Yes
HAND BENDABLE	-	No
BORE DIAMETER	-	Large
COMMENTS	-	Supplied with TRCH3 and TRLN10
EQUIVALENT VALVES	-	NA



TR218A

- Rear tractor, front tractor, flotation, forestry, lawn & garden, and drag racing sizes
- Valve is straight, rubber covered

LENGTH INCHES	-	0.81"
RIM HOLE	-	0.625"
MAXIMUM PRESSURE	-	150 PSI
INTENDED FOR HYDROFLATION	-	Yes
HAND BENDABLE	-	No
BORE DIAMETER	-	Large
COMMENTS	-	Supplied with TRCH3 and TRLN10
EQUIVALENT VALVES	-	NA



JS2

- Industrial, trailer, and lawn & garden sizes
- Supplied straight or bent

LENGTH INCHES	-	1.30" **
RIM HOLE	-	0.453"
MAXIMUM PRESSURE	-	60 PSI
INTENDED FOR HYDROFLATION	-	No
HAND BENDABLE	-	Bent (70)
BORE DIAMETER	-	Standard
COMMENTS	-	NA
EQUIVALENT VALVES	-	TR244



TR87

- Industrial, mining, and lawn & garden sizes
- Supplied bent on some sizes, straight on others

LENGTH INCHES (Straight)	-	1.75"
LENGTH INCHES (Bent)	-	1.31"
RIM HOLE	-	0.453"
MAXIMUM PRESSURE	-	150 PSI
INTENDED FOR HYDROFLATION	-	No
HAND BENDABLE	-	Bent (90)
BORE DIAMETER	-	Standard
COMMENTS	-	NA
EQUIVALENT VALVES	-	NA



TR76A

- Roller (compactor) sizes
- Supplied bent
- Rim should be slotted

LENGTH INCHES	-	3.39" **
RIM HOLE	-	Slot
MAXIMUM PRESSURE	-	150 PSI
INTENDED FOR HYDROFLATION	-	No
HAND BENDABLE	-	Bent
BORE DIAMETER	-	NA
COMMENTS	-	NA
EQUIVALENT VALVES	-	NA

INNER TUBE VALVES



TR440 - TR445

- Light truck, truck-bus, mining sizes
- Supplied bent
- Rim should be slotted

LENGTH INCHES (Bent)	-	3.0" - 5.7" **
RIM HOLE	-	Slot
MAXIMUM PRESSURE	-	150 PSI
INTENDED FOR HYDROFLATION	-	No
HAND BENDABLE	-	Bent
BORE DIAMETER	-	Standard
COMMENTS	-	NA
EQUIVALENT VALVES	-	NA



CH3

- Core housing supplied with TR218A and TR220A valves
- Adds 0.81" to length
- For standard bore air connection



V3.08.2/V3.02.14

- Truck-bus sizes
- Supplied with V3.02.14 extension with bent length of 5.45" (other extensions can be applied)
- Made for rim slot

LENGTH INCHES	-	5.45" **
RIM HOLE	-	Slot
MAXIMUM PRESSURE	-	150 PSI
INTENDED FOR HYDROFLATION	-	No
HAND BENDABLE	-	Bent
BORE DIAMETER	-	Standard
COMMENTS	-	Screw on extension and washer supplied
EQUIVALENT VALVES	-	NA



B6

- Plastic bushing supplied with some TR13 valves to allow use in TR15 rim hole (0.625")
- Using TR13 valve in 0625" rim hole may result in valve failure

INNER TUBE VALVES

TRSP1000

- Grader, off highway, and flotation sizes
- Extension must be applied

LENGTH INCHES	-	Spud
RIM HOLE	-	0.818" or Slot
MAXIMUM PRESSURE	-	150 PSI
INTENDED FOR HYDROFLATION	-	Yes
HAND BENDABLE	-	NA
BORE DIAMETER	-	Depends on extension
COMMENTS	-	See attachments below
EQUIVALENT VALVES	-	NA



ATTACHMENTS FOR TRSP1000 SPUD

VALVE	LENGTH INCHES	MAXIMUM PRESSURE	HAND BENDABLE	BORE DIAMETER	COMMENTS	EQUIVALENT VALVES
TR1075A +	3.0**	150 PSI	Bent	Standard	Screw on Type of Extension	TR440
TR1177A +	3.7**	150 PSI	Bent	Standard	Screw on Type of Extension	TR441
TR1077A +	4.1**	150 PSI	Bent	Standard	Screw on Type of Extension	TR442
TR1175A +	4.5**	150 PSI	Bent	Standard	Screw on Type of Extension	TR443
TR1078A +	5.0**	150 PSI	Bent	Standard	Screw on Type of Extension	TR444
TR1179A +	5.6**	150 PSI	Bent	Standard	Screw on Type of Extension	TR445
TRJ670 ++	2.22*	150 PSI	No	Large	Similar to Corehousing	
TRJ1014 ++	1.91	150 PSI	No	Large	Swivel Stem	
TRJ1076A ++	4.16	150 PSI	No	Large	Swivel Stem	
TRJ1076D ++	2.31**	150 PSI	Bent	Large	Swivel Stem	
TRJ1076E ++	3.0**	150 PSI	Bent	Large	Swivel Stem	
TRJ1175A ++	5.28	150 PSI	No	Large	Swivel Stem	
TRJ1175C ++	4.13**	150 PSI	Bent	Large	Swivel Stem	
TRJ1075A ++	5.78	150 PSI	No	Large	Swivel Stem	
TRJ1075B ++	4.62**	150 PSI	Bent	Large	Swivel Stem	
TRJ1179A ++	6.41	150 PSI	No	Large	Swivel Stem	
TRJ1179B ++	5.25**	150 PSI	Bent	Large	Swivel Stem	
TRJ4000	2.5 to 10	150 PSI	Bent	Large	Swivel Stem	

* With corehousing (supplied)

** Bent length (Center of valve to tip of bent stem)

+ Standard bore bent extensions roughly equivalent to TR440 series truck stem

++ By adding AD4 Adapter, these extensions may be used

TUBE TIPS



1 Tube Failures at the Tire Bead Toe of Agricultural Tires

Inspection of tire/tube/wheel assemblies involved in tube failures from bead toe chafing/cutting has revealed that the problem usually occurs during inflation to seat the tire beads and is aggravated by high bead seating pressures in two situations:

- The tube is being cut by the tire bead toe during inflation to seat the tire beads. (See figure #1)
- The tube is being pinched between the tire bead heel and the rim during inflation to seat the tire beads. (See figure #2)



2 Rear Tractor/Forestry Tube Installation

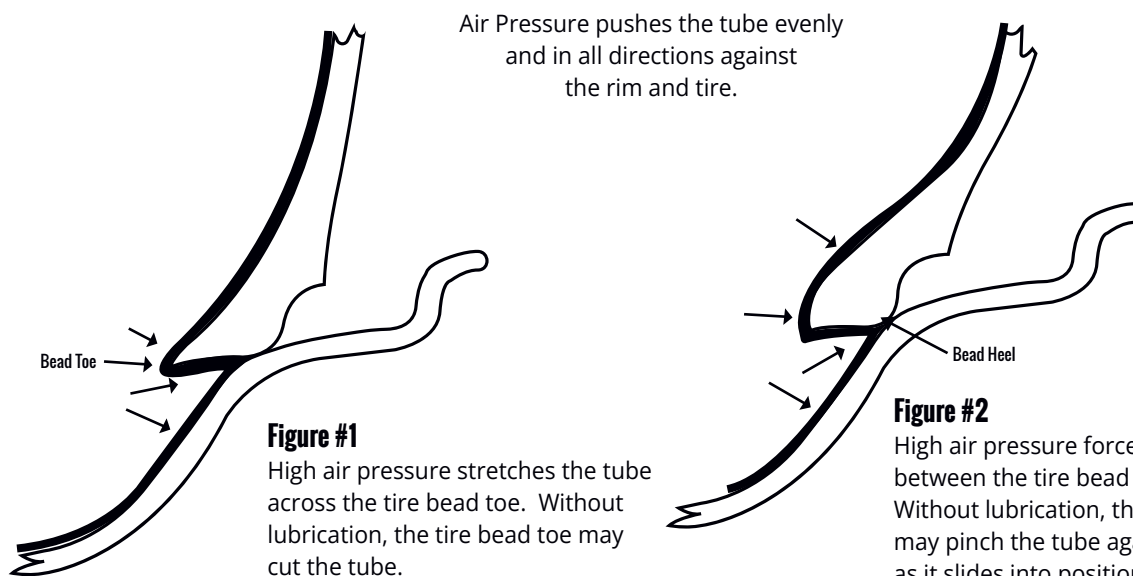
Field experience has shown that tubes sometimes do not “adjust” well to the inside contour of the tire because the tube surface does not always slip when in contact with a tire that has little or no inside lubrication. This is the reason for industry recommendations to “inflate, deflate, reinflate.”

This condition is more pronounced in natural rubber tubes and, as in butyl tubes, may cause folding, tearing or excessive stress on the valve.

It is recommended that natural rubber tubes be lubricated before mounting in addition to the inflate, deflate, reinflate cycle.

This assures that the tube can adjust to the shape and contour of the tire/rim envelope. As a minimum, the inside (rim side) and the sidewalls should be lightly lubricated with an approved mounting lubricant. An acceptable and easily applied substitute is oil soap available in spray bottles for home use. It can be diluted 50% with tap water.

Proper lubrication along with the inflate, deflate, reinflate cycle should eliminate or substantially reduce damage to the tube during the mounting operation.



SAFETY WARNING SERIOUS INJURY OR DEATH MAY RESULT FROM:

Explosion of tire/rim wheel assembly due to improper mounting - Never exceed 35 PSI (air pressure) when seating beads. * - Always use safety cage or other restraining device & clip-on extension hose. Only specially trained persons should mount tires.

Contact Bridgestone Americas Tube Business at **800.553.6008** if you have any questions.

3 Logger Tire/Rim Usage

Firestone logger service tires have different bead widths depending on size of tire and ply rating. Rim bead seat ledges must be wide enough to accommodate the entire bead width of a tire for trouble-free service; in some cases, that means a different rim for a particular tire size and ply rating.

Rims with inadequate bead seat ledge width for the tire bead allow the tire bead toe to extend beyond the rim bead seat ledge, which can chafe the tube leading to air loss, downtime and loss of production (see figures #3 & #4).

Figure #3

Undersized Bead Seat Ledge Width for the Tire Bead

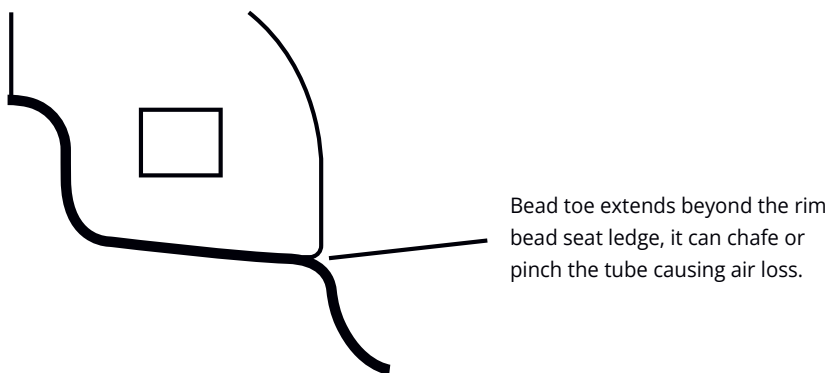
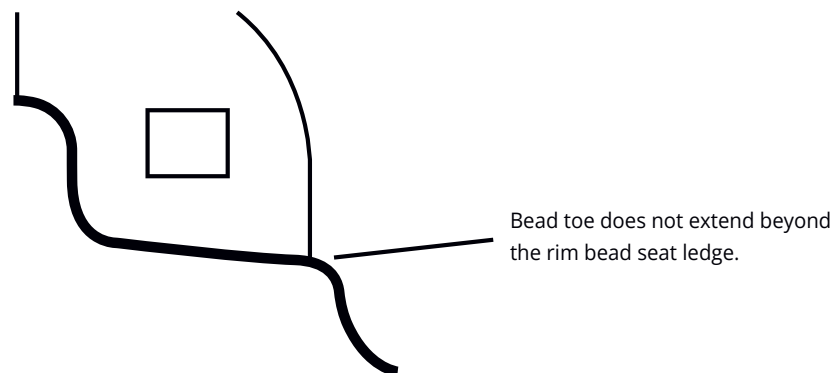


Figure #4

Proper Bead Seat Ledge Width for the Tire Bead



Listed below are the correct approved rim contours to use with Firestone logger service tires:

SIZE	PLY RATING	RIM	RIM LEDGE WIDTH
16.9-30	10	* DW15A DW15	1.44" 1.437"
18.4-26	10	* DW16A DS16	1.44" 1.437"
18.4-34	10	* DW16A DS16	1.44" 1.437"
23.1-26	10	* DW20A DW20TB	2.00" 2.00"
23.1-26	14	* DW20A DW20TB	2.00" 2.00"
24.5-32	12	* DW21A DW21 DW21TB DH21	2.00" 1.625" 2.00" 2.25"
24.5-32	16	* DH21	2.25"
28L-26	10	* DW25A DW25TB	2.00" 2.00"
28L-26	14	* DW25A DW25TB	2.00" 2.00"
30.5L-32	12	* DW27A DW27TB DH27	2.00" 2.00" 2.25"
30.5L-32	16	* DH27	2.25"
35.5L-32	16	* DH31	2.25"

* Preferred, when ordering new.

INNER TUBE WARRANTY POLICY - EFFECTIVE JANUARY 1, 2020

Tubes Covered

This policy covers all inner tubes that are sold by Bridgestone America's Tube Business (BATB) if they are used in the service for which they were intended.

Warranty Process

Customers desiring to return product to BATB for warranty consideration must first obtain an RGA number by calling our toll-free number (800.553.6008) or emailing tubewarranty@bfusa.com. Based on piece count and weight, BATB will advise to either return the product or provide pictures of the product. If product is to be returned, the customer is provided shipping instructions. If pictures are required, the customer is advised to email pictures of the tube brand and failure area. Pictures will need to include one of the brand and size and two of the failure area.

Warranty Coverage

If any inner tube covered by this warranty becomes unusable for any reason within the manufacturer's control, such inner tube will be replaced with an equivalent new inner tube or the equivalent of the wholesale (first purchaser) purchase price refunded on the basis set forth below. Some examples of causes or conditions normally beyond the manufacturer's control and therefore **not adjustable** are:

- Mounting cuts and pinches
- Rim/Bead cuts - rim slip
- Valve corrosion
- Apparent overload or improper inflation
- Improper insertion of filling materials
- Foreign material in tire cavity
- Intentional alteration
- Aging (or improper storage)
- Field/Road hazards
 - Punctures
 - Cuts
 - Stubble damage
 - Impact
 - Valve pulled off or stem pulled out
- Improper Application

Abnormal tire (unless the tire is manufactured by Bridgestone or Bridgestone/Firestone). Note: A history or pattern of tube failures in the same tire will be presumed to result from a tire abnormality. BATB reserves the right to inspect the tire in such a case before honoring tube adjustment claims.

This warranty is in addition to and/or may be limited by any other applicable written warranty you may have received.

Warranty Period:

Natural Rubber and Severe Service inner tubes manufactured by BATB are warranted for a period of 5 years from date of sale*. All other inner tubes manufactured by or sold by BATB are warranted for a period of 3 years from date of sale* with the exception of racing and aircraft inner tubes. Racing inner tubes and aircraft inner tubes are warranted for new abnormal conditions only.

BATB will reimburse the **first purchaser tube cost**, along with reasonable and actual service charges within the limitations below if adequate documentation is provided.

Limitations:

- Loss of time, vehicle use, profits or inconvenience is not covered.
- Replacement cost for tire damage claimed is not covered.
- Overtime, weekend or holiday charges for service are not covered.
- For Agricultural, Forestry and Off-Road inner tubes:
 - Lost ballast is limited to **\$1.00** per gallon.
 - Cost for service (in addition to distance charges) is limited to **\$2.00** per section inch. For example, a 16.9R30 section tube is limited to reasonable and actual charges not to exceed \$60.00.

INNER TUBE WARRANTY POLICY (Cont.) - EFFECTIVE JANUARY 1, 2020

Transportation:

BATB will be responsible for freight costs associated with returning warranty tubes. All product will be returned freight collect using a carrier chosen by BATB. If designated carrier is not used, the customer will be responsible for all freight charges.

Conditions and Exclusions:

To the extent permitted by law, BATB disclaims liability or any consequential damages, including but not limited to loss of time, loss of vehicle use or inconvenience, replacement tire cost or lost profits.

This policy applies only to the actual owner-user of the tubes in the United States and Canada.

BATB's obligation under this policy may not be enlarged or altered by anyone.

*** If no proof of purchase is submitted to identify date of sale, date of manufacture will be used for determining the warranty period.**

Owner - User's Obligations:

It is the owner-user's obligation to operate inner tubes within the loads and speed limits as specified by BATB for the tire it is installed in, and to otherwise utilize proper care and use procedures for the tires and inner tubes. In the case of a warranty claim, the owner-user must present the inner tube to the first purchaser, complete and sign the customer section of the BATB Adjustment Claim Form. A BATB or Bridgestone Tire Claim form may be used (forms will be supplied on request).

FREIGHT POLICY

Freight is prepaid on orders of 1,000 LBS or more with delivery to the customer's location within the contiguous United States or Canada. Orders exceeding 30,000 LBS may be combined with up to (3) delivery locations located within the same geographic vicinity. Back order will be shipped with the customer's next order. If back order is not filled within 45 days, the back order will be cancelled automatically.

Freight for orders of less than 1,000 LBS will be the responsibility of the customer to pay. Freight for less than 1,000 LB orders may be handled by the customer using one of the following methods:

1. Freight Collect - customer specifies their freight carrier to use (or) provides their UPS account number for minimal weight/quantity order shipments and pays the freight carrier.
2. Prepaid / Add - Bridgestone America's Tube Business arranges and pays freight to the carrier and charges the customer on the product invoice for the applicable freight charges.

ISO QUALIFICATIONS

Bridgestone America's Tube Business is certified to ISO 9001:2015 and 14001:2015 standards. We follow the requirements, specifications, guidelines and characteristics set forth to ensure that we are consistently manufacturing products that meet International Standards Organization requirements. Certification means that our products and services are safe, reliable, of good quality and produced in an environmentally responsible manner. We have processes in place to minimize waste and error, increase productivity and seek continual improvement.





SAFETY WARNING

**** Disregarding these precautions may result in inner tube failure causing serious injury or death.***

1. Use only the size and type tube (and flap, if required) recommended for the tire. Tube must be kept protected in a sealed box or bag prior to use.
2. Only radial tubes and radial flaps may be used with radial tires.
3. Use only new tubes (and flaps, if required) in new tires. Never use a buckled, creased or damaged tube or flap in any tire.
4. Never use a repaired tube in a front wheel position.
5. Be sure the inside of the tire is absolutely free of all foreign material before placing the tube in the tire.
6. Be sure the rim and rings match and are of the proper size and undamaged.
7. Where rims with valve slots are used, flaps must be used.
8. The tube and valve must be centered and the beads fully seated.

**** Disregarding these mounting instructions may result in an explosion causing serious injury or death.***

Only specially trained persons using proper equipment should service tires and inner tubes.

1. Insert the tube in the tire, making sure any valve offset is in the same direction as the offset of the valve hole in the rim. Partially inflate to round out tube.
2. Lubricate the base of the tube and the insides and bases of the tire beads with suitable mounting lubricant (Never use anti-freeze, silicones or petroleum-based lubricants). When a flap is required, lubricate the rim side of the flap as well as the surface that will contact the tire.
3. Mount tire onto rim, completely install rings, and check for proper seating of components.
4. Before further inflation, the entire rim/tire assembly must be placed in a safety cage or other equivalent restraining device. Always stand clear of assembly while inflating and use a remote control inflation hose with an in-line gauge and clip-on chuck.
5. Never exceed 40 PSI (35 PSI on agricultural tires) to seat beads. If the beads do not fully seat, deflate the assembly, demount the tire, relubricate and repeat the process.
6. After beads are fully seated, deflate completely to remove any buckles in the tube. Then reinflate to recommended operating pressure and thoroughly inspect for full and proper assembly before removing from the restraining device.
7. Tubes are only one component of a tire/rim assembly, and you should also be familiar with the general mounting safety precautions recommended by the Rubber Manufacturers' Association (RMA), the rim manufacturer and the mounting equipment manufacturer. Be sure to utilize the procedures, tools and precautions required by the Occupational Safety and Health Administration (OSHA) and recommended by the National Highway Traffic Safety Administration (NHTSA).

Firestone

WE KNOW WHAT THEY'RE IN FOR

To our valued customers, we genuinely appreciate the partnership we have built with you over the years. You drive every aspect of our business and are the foundation of our success.

To prospective customers, we promise you the same level of commitment and service that has earned the trust of our existing customers.

Thank you for your business.





www.firestonetubes.com | tubesales@bfusa.com | 800.553.6008

INNER TUBE PRODUCT CATALOG

WE KNOW WHAT THEY'RE IN FOR