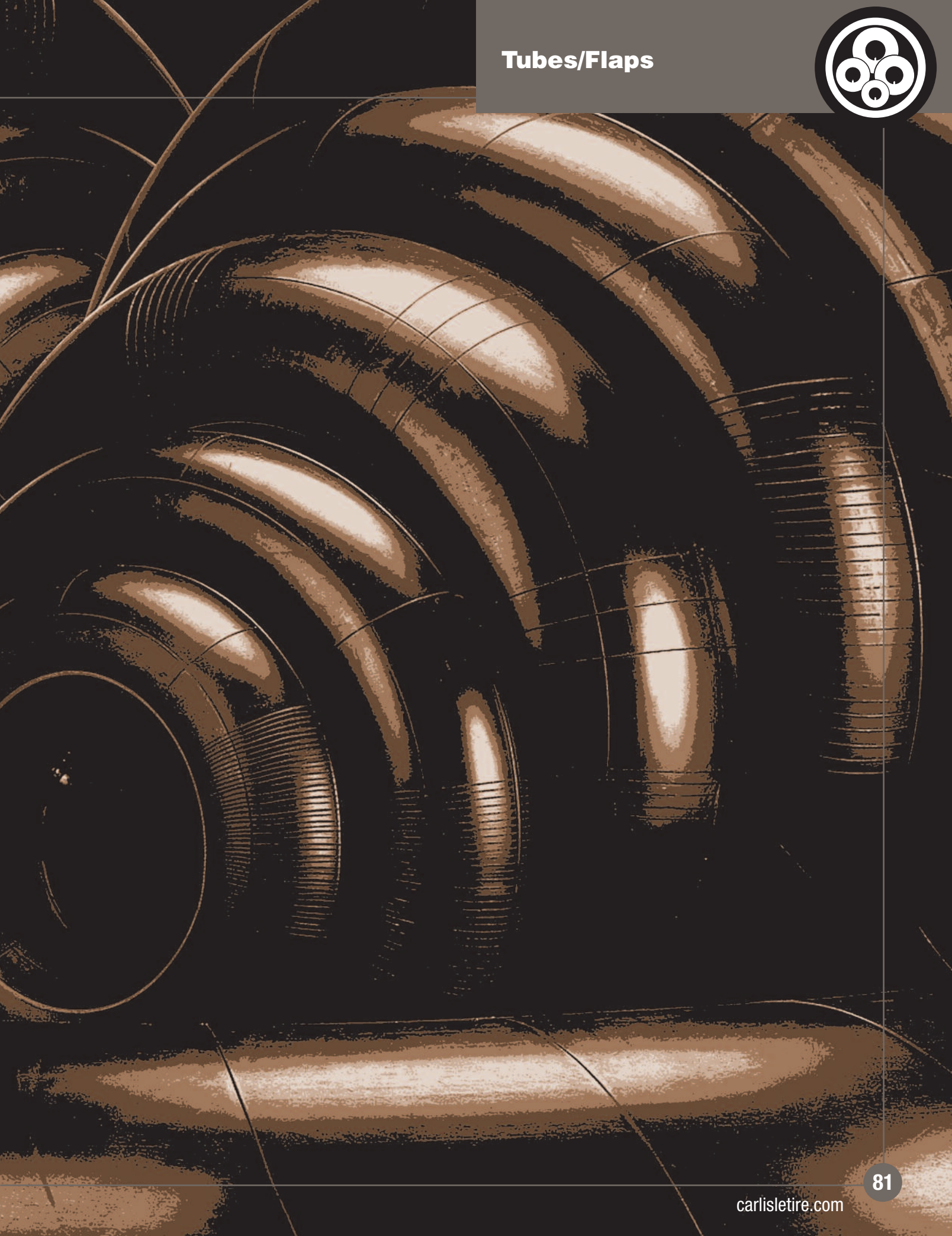




### Carlisle Tubes

Tires in certain agricultural, industrial and other application segments are designed for use with tubes. Correct use of tire tubes can prevent air leakage, sustain long term use, reduce rolling resistance, support heavy loads, preserve tread life, and offer resistance to age and heat-related failure. Carlisle tubes have been designed for best air retention properties, high dimensional stability during service and reduced equipment downtime.





## Tubes/Flaps

Lawn & Garden, Industrial, ATV, Golf Car, Truck, Passenger, Farm, Grader & Mining Applications

### LAWN & GARDEN, INDUSTRIAL, TRAILER

Size	Product Code	Valve	Unit Weight	Units Per Case
9 x 3.50 - 4	320030	TR87	0.4	10
9 x 3.50 - 4	320031	JS87P	0.4	10
2.80/2.50 - 4	320050	TR87	0.3	10
2.80/2.50 - 4	320010	JS87P	0.3	10
4.10/3.50 - 4	320100	TR87	0.4	10
4.10/3.50 - 4	320040	TR13	0.4	10
4.10/3.50 - 4	320020	JS87P	0.4	10
3.40/3.00 - 5	320150	TR87	0.4	10
4.10/3.50 - 5	320200	TR87	0.6	10
4.10/3.50 - 5	320070	TR13	0.5	10
4.10/3.50 - 5	320060	JS87P	0.5	10
10/4.50 - 5	323980	TR87	0.5	10
11/4.00 - 5	320080	TR87	0.5	10
11/6.00 - 5	323520	TR87	0.6	10
11/7.10 - 5	323970	TR87	0.7	10
4.10/3.50 - 6	320250	TR87	0.5	10
4.10/3.50 - 6	320160	TR13	0.6	10
13 x 5.00 - 6	320260	TR87	0.6	10
13 x 5.00 - 6	323790	TR13	0.6	10
13x6.50 - 6	320090	TR87	0.6	10
13x6.50 - 6	320170	TR13	0.6	10
5.30/4.50 - 6	320270	TR87	0.6	10
15 x 6.00 - 6	320290	TR87	0.8	10
15 x 6.00 - 6	323800	TR13	0.8	10
3.00 - 8	320110	TR13	0.5	10
3.50/4.00 - 8	320120	TR13	0.5	10
3.50/4.00 - 8	320360	TR87	0.5	10
4.80/4.00 - 8	320400	TR13	0.5	10
4.80/4.00 - 8	320130	JS87C	0.6	10
5.70/5.00 - 8	320450	TR13	1.0	10
16 x 6.50/7.50 - 8	320420	TR13	1.0	10
20x7 - 8	320140	TR6	1.6	10
18 x 6.50/8.50/9.50 - 8				
20 x 8.00/10.00 - 8	320410	TR13	1.6	10
6.90/6.00 - 9	321500	TR13	1.5	10
20 x 8.00/10.00 - 10	320770	TR13	1.8	10
6.00-12	323843	TR13	1.8	10
4.80/5.30-12 COMBO	320901	TR13	1.3	10
23 x 8.50/9.50/10.50-12	321370	TR13	3.3	10
26 x 12 - 12	321050	TR13	3.4	10

### RADIAL ATV

AT21/22 x 11/12R8	320440	TR6	1.6	10
AT25 x 12/13R9	321520	TR6	2.2	10
AT20 x 8/10R10	320771	TR6	1.6	10
AT22/23 x 8R11/12	321371	TR6	3.3	10

### RADIAL ATV, CONTINUED

Size	Product Code	Valve	Unit Weight	Units Per Case
AT24/26 x 12R12	321051	TR6	3.4	10
AT 26 x 8/9 R14	324500	TR6	2	10

### RADIAL PASSENGER

DR12/4.00/4.50/4.80/5.30-12	323844	TR13	.9	10
ER 12/13	322160	TR13	0.9	10
FR 13/14	322010	TR13	1.6	10
FR 15	322170	TR13	1.4	10
GR 13/14/15	322020	TR13	1.8	10
KR 14/15	322030	TR13	2.4	10
MR 14/15	322040	TR13	2.8	10
GR/KR 16	322050	TR13	2.0	10
GR/KR 16	322190	TR15CW	1.8	10

### RADIAL LIGHT TRUCK

7.00/7.50R 15	322070	TR150	2.4	10
7.00/7.50R 15	322230	TR13CW	2.3	10
7.00/7.50R 16	322060	TR150	2.5	10
7.00/7.50R 16	322200	TR13	2.5	10
7.00/7.50R 16	322210	TR440	2.6	10
7.00/7.50R 16	322220	TR15CW	2.5	10
7.00/7.50R 16	322430	TR13CW	2.4	10
7.00/7.50R 17/18	322440	TR440	3.5	10

### RADIAL HEAVY TRUCK

8.25R 20	322080	TR442	4.9	4
9.00R 20	322090	TR443	6.5	4
10.00R 20 12/80R - 20	322100	TR444	7.2	4
11.00R 20 13/80R - 20	322110	TR444	8.4	4
12.00R 20 14/80R - 20	322460	TR444	8.6	4
10.00R 22	322270	TR444	8.1	4
11.00R 22	322280	TR444	8.1	4

### HEAVY DUTY BIAS

10.00 - 20	322330	TR444	6.8	6
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### RV & WIDE BASE TRUCK BIAS & SKID STEER

9.50/10 - 16.5LT	322480	TR15CW	3.9	6
12 - 16.5	322490	TR15CW	3.9	6
10/11R - 15LT	322310	TR13	3.9	6
9.50/10R - 16.5LT	322320	TR15CW	4.0	6
12R - 16.5LT	322330	TR15CW	3.9	6

For tube stem and valve stem information and specifications, refer to most recent Tire & Rim Association publications.



## LOW PLATFORM RADIAL

Size	Product Code	Valve	Unit Weight	Units Per Case
7.00/7.50R 15TR	322450	TR440	2.4	6
8.25R 15TR	322240	TR444	3.1	6
9.00/10.00/11.00R 15TR	322250	TR444	3.9	6

## MOBILE HOME BIAS

7/8/9 - 14.5MH	322290	TR300	2.9	6
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## OTR/ CONSTRUCTION/SKID STEER

8.3/9.5/12.5 - 18/20	322000	TR15CW	3.8	6
13.00/14.00 - 24 TG	322340	TR220A	16.9	1

## RADIAL OTR/ CONSTRUCTION/SKID STEER

14R17.5	323111	TR300	5.5	3
15R19.5	323131	TR15CW	7.1	3
13.00/14.00R24 TG	322341	TR220A	16.9	1
17.5R25	323661	TRJ1175C	14.3	1
20.5R25	323671	TRJ1175C	18.7	1
23.5R25	323681	TRJ1175C	25.5	1

## HEAVY DUTY INDUSTRIAL LIFT/FORK TRUCK MINING

5.70/5.00 - 8	323820	JS2	0.99	36
5.70/5.00 - 8NHS				
4.80/4.00 - 8/9NHS	322410	JS2	0.60	12
7.00 - 12NHS	322420	TR440	2.40	6
6.90/6.00 - 9	323830	JS2	1.50	28
6.50 - 10	323840	JS2	1.76	22
7.50/8.25-15 COMBO	323850	TR440	3.00	14
28 x 9 - 15	323860	TR440	3.00	14
8.25 - 15	323870	TR442	3.40	12
2.50 - 15	323880	TR440	2.47	11
3.00 - 15	323890	TR440	3.53	10
28 x 12 - 15	323900	TR440	3.75	10
32 x 12 - 15	323910	TR440	3.99	10
7.50 - 16	323940	TR440	3.02	14
29 x 8 - 15	323920	TR440	3.00	14

## FARM FRONT BIAS

Size	Product Code	Valve	Unit Weight	Units Per Case
4.00/5.90/6.00-15SL	322350	TR15	1.4	6
5.50/5.90/6.00/6.40-15/16SL	322120	TR15	1.8	6
6.50/7.00/7.50/8.00-15/16SL	322360	TR15	2.5	6
10.00 - 15/16SL	322130	TR15CW	4.1	6
11.00 - 16SL	322370	TR15CW	3.9	6
6.50/7.00/7.50 - 18SL	322140	TR15	2.9	6
4.00 - 18/19SL	322380	TR15	1.3	6
8.3/9.5/12.5 - 18/20	322000	TR15CW	3.8	6

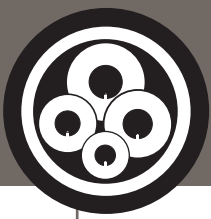
## REAR FARM RADIAL

11.2/12.4R-24	323960	TR218A	6.7	4
7.5R24SL, 7.5/8.3/9.5-24	323601	TR218A	6.6	8
13.6/14.9R - 24	323950	TR218A	10	3
14.9 - 16.9/17.5LR-24	323760	TR218A	12.8	3
18.4/19.5L/21LR-24	323770	TR218A	16.3	2
11.2/12.4R-28,				
11.25R28SL	323591	TR218A	8.5	3
13.6/14.9R - 28/30	323750	TR218A	12.1	3
13.6/14.9R - 26/28	324110	TR218A	10.6	3
16.9/18.4R - 26/28	323730	TR218A	14.9	2
14.9R - 30	323741	TR218A	13.2	3
16.9/18.4R - 30	323780	TR218A	16.7	2
11.2R - 34,				
11.2/12.4R - 36	323651	TR218A	9.1	3
24.5 R - 32	323742	TR218A	24.8	2
13.6/14.9R - 34	324120	TR218A	12.1	3
16.9/18.4R - 34	323700	TR218A	18.2	2
13.6/14.9 R -36	323621	TR218A	15.4	3
11.2/12.4 R - 38	323631	TR218A	9.1	3
14.9R-36,13.6/14.9/15.5R-38	323720	TR218A	15.4	3
16.9/18.4R - 38	323690	TR218A	19.4	2
20.8R - 38	323710	TR218A	25.3	2
18.4/20.8R - 42	323740	TR218A	20.5	2
16.9/18.4R - 46	323693	TR218A	22.6	2

## HD SEVERE SERVICE-REAR FARM RADIAL

16.9/18.4R - 38	323691	TR218A	21.4	1
18.4/20.8R - 42	323692	TR218A	26.0	1
16.9/18.4R - 46	323694	TR218A	25.8	1

For tube stem and valve stem information and specifications, refer to most recent Tire & Rim Association publications.



## Tubes/Flaps

Lawn & Garden, Industrial, ATV, Golf Car, Truck, Passenger, Farm, Grader & Mining Applications

FARM IMPLEMENT BIAS				
Size	Product Code	Valve	Unit Weight	Units Per Case
8.5/9.5/11L-14 and 8.5/9.5L15	322390	TR13	2.9	6
11L - 15/16SL	322150	TR218A	4.2	6
11L - 15/16SL	322400	TR15CW	3.8	6
12.5 - 15/16SL	322470	TR218A	3.8	6
12.5 - 15/16	323810	TR15CW	3.8	6
13.6/14L-16.1	320032	TR218A	7.2	7
16.5/18.4L-16.1	320033	TR218A	10.1	4
21.5L-16.1	320034	TR218A	12.1	2

RADIAL INDUSTRIAL FLAPS			
Size	Product Code	Unit Weight	Units Per Case
8R3.0	05508	0.44	20
8R7.0	12311	1.6	15
9R6.7	11009	0.66	20
10R6.7	12310	0.68	15
12R6.0	12812	0.88	15
15R10.00	19015	3.97	10
16R6.50/7.00/7.50/8.25	17016	2.54	14
15R6.50/7.00/7.50/8.25	17015	2.38	14
20R7.50/8.25	17020	3.42	10
20R8.25	18020	3.53	8
20R9.00/10.00	20520	4.63	7
22R10.00/11.00	20522	5.29	6
20R11.00/12.00	21020	5.84	6
20R13.00/14.00	23020	7.05	4
24R11.1- Off Center	19016	6.9	4
24R11.1- Center	21024	6.9	5

For tube stem and valve stem information and specifications, refer to most recent Tire & Rim Association publications.

TUBELESS VALVE STEMS			
Size	Product Code	Rim Hole Dr (inch)	Length (inch)
TR412	010200000007	0.453	0.88
TR413	010200000005	0.453	1.25
*High Pressure TR600HP*	010200000008	0.453	1.27



## Tubes/Flaps

Inner Tube Fitment Charts - Industrial, Fun-Kart, Lawn & Garden Sizes

### INNER TUBE FITMENT CHART

Size	Product Code	Valve	Also Fits
4.10/3.50 - 4	320100	TR-87	11 x 4.00 - 4
4.10/3.50 - 5	320200	TR-87	11 x 4.00 - 5
13 x 5.00 - 6	320260	TR-87	12 x 5.00 - 6, 14 x 4.50 - 6
5.30/4.50 - 6	320270	TR-87	13 x 6.50 - 6, 14.5/7.00 - 6
18 x 6.50/7.50 - 8	320410	TR-13	18 x 8.50/9.50 - 8, 20 x 8.00/9.00/10.00 - 8
23 x 8.50/9.50 - 12	321370	TR-13	22 x 7.50/9.00 - 12, 23/24 x 10.50 - 12
26 x 12.00 - 12	321050	TR-13	24 x 12.00 - 12, 26 x 10.50 - 12

### Inner Tube Fitment Charts - ATV Tires

#### RADIAL ATV TUBE FITMENT CHART

AT21/22 x 11/12R8	320440	TR6	18 x 8-8	AT20 x 7-8	AT22 x 9R8	AT21 x 8R9
			18 x 8.5/9.5-8	AT20 x 10/11-8	AT22 x 10R8	AT20 x 7R9
			18 x 10/11-8	AT21 x 10/11R8	AT22 x 11R8	AT22 x 7R9
			19 x 8.5/9.5-8	AT21 x 12R8	AT22 x 12R8	AT23 x 8R9
			19 x 10/11-8			AT22 x 11R9
AT25 x 12/13R9	321520	TR6	AT24 x 11R9	AT25 x 11R9	AT24 x 11R10	AT26 x 12R10
			AT24 x 12/13R9	AT25 x 12R9	AT25 x 11R10	
			24 x 13.5-9		AT25 x 12R10	
			25 x 13.5-9			
AT20 x 8/10R10	320771	TR6	AT18 x 10R10	AT21 x 7R10	AT22 x 8R10	AT23 x 9R10
			AT18 x 11R10	AT22 x 7R10	AT22 x 10R10	AT23 x 10R10
			20 x 7.5-10	AT23 x 7R10	AT22 x 11R10	
			AT20 x 8R10		22 x 12.5-10	
			AT20 x 10R10			
			AT20 x 11R10			
AT22/23 x 8R11/12	321371	TR6	AT23 x 8-11	AT23 x 8R12	AT23 x 10R12	
			AT24 x 8-11	AT24 x 8R12	AT24 x 10R12	
			AT24 x 9-11	AT25 x 8R12	AT25 x 10R12	
			23.5 x 8-11	AT23 x 9R12		
AT24/26 x 12R12	321051	TR6	AT24 x 12R12	AT25 x 8R11/12	AT26 x 10R12	AT25 x 11R12
			AT25 x 12/13R12	AT26 x 8R11/12	AT26 x 12R12	AT26 x 11R11/12
				AT27 x 8R11/12		AT27 x 11/12R12
AT26X8/9R14	324500	TR6	AT26X8R14 AT26X9R14			

### Inner Tube Fitment Charts - LT Tires

#### RADIAL LT TUBE FITMENT CHART

700/750R15LT	322230	TR13CW	670R/710R750R15LT	P215/75R15
GR/HR/LR15LT		P225/75R15		
			LT215/225/235R15LT	P235/75R15
			LT245/70R15LT	P245/70R15
			LT255/70R15LT	P255/70R15
700/750R15	322070	TR150	670R/710R750R15LT	P235/245/70R15
			LT215/235/75R15	P255/65R15
				P255/60R15
700/750R16LT	322060	TR150	GR/HR/LR16LT	
			LT215/235/85R16	
			LT225/245/265/75R16	

For tube stem and valve stem information and specifications, refer to most recent Tire & Rim Association publications.



## Tubes/Flaps

### Inner Tube Fitment Charts - LT Tires

#### RADIAL LT TUBE FITMENT CHART, CONTINUED

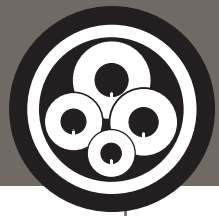
Size	Product Code	Valve	Also Fits					
700/750R16LT	322200	TR13	LR78-16LT	LT235/65R16	P265/75R16	P235/75R16		
			LT225/70R16	LT235/70R16	P215/225/75R16LT	P235/65R17		
			LT235/75R16	LT245/70R16	P225/70R16	P245/70R16		
			LT225/85R16	LT245/75R16	P225/235/85R16	P255/70R16		
			LT235/85R16	LT255/70R17	P235/65R16	P255/60R17		
			LT255/60R17	LT235/65R17	P235/70R17	P265/70R16		
700/750R16LT	322220	TR15CW	GR/HR/LR78-16LT	MR16HD	P215/225/75R16LT			
			LT215/235/85R16	LR78-16LT				
			LT225/85R16	LT225/70R16				
			LT235/70R16	LT235/75R16				
			LT245/70R16	LT255/70R16	8.25R16LT			
7.00/7.50R16LT	322210	TR440						
700/750R16LT	322430	TR13CW	LT215/235/85R16	MR16HD				
700/750R17/18	322440	TR440	P265/60R17	P255/60R17	P235/65R17			
			LT255/70R17	LT235/65R17				
			LT255/60R17					
9.50/10R16.5	322320	TR15CW	31 x 10.50R16.5LT	LT265/60D16.5				
12R16.5LT	323990	TR15CW	33 x 12.50R16.5LT	305/70D16.5NHS	305/90D16.5NHS			

### Inner Tube Fitment Charts - Rear Farm Tires

#### REAR FARM RADIAL

Size	Product Code	Valve	Also Fits
11.2/12.4R-24	323960	TR218A	320/85R24
13.6/14.9R-24	323950	TR218A	340/85R24, 380/85R24
14.9-16.9/17.5LR-24	323760	TR218A	460/70R24
18.4/19.5L/21LR-24	323770	TR218A	500/70R24, 540/70R24
13.6/14.9R-28/30	323750	TR218A	340/85R28, 380/85R28, 380/85R30
13.6/14.9R-26/28	324110	TR218A	340/85R28, 380/85R28
16.9/18.4R-26/28	323730	TR218A	480/80R26
14.9R-30	323741	TR218A	380/85R30
16.9/18.4R-30	323780	TR218A	420/90R30, 480/80R30
24.5R-32	323742	TR218A	650/75R-32
13.6/14.9R-34	324120	TR218A	380/85R34
16.9/18.4R-34	323700	TR218A	420/85R34, 480/85R34
11.2/12.4R-38	323631	TR218A	290/90R-38
14.9R-36, 13.6/14.9/			
15.5R-38	323720	TR218A	380/80R38
16.9/18.4R-38	323690/323691	TR218A	480/80R38
20.8R-38	323710	TR218A	520/85R38
18.4R/20.8R-42	323740/323692	TR218A	480/80R42, 520/85R42
16.9/18.4R-46	323693/323694	TR218A	420/80R46, 480/80R46

For tube stem and valve stem information and specifications, refer to most recent Tire & Rim Association publications.



## Tubes/Flaps

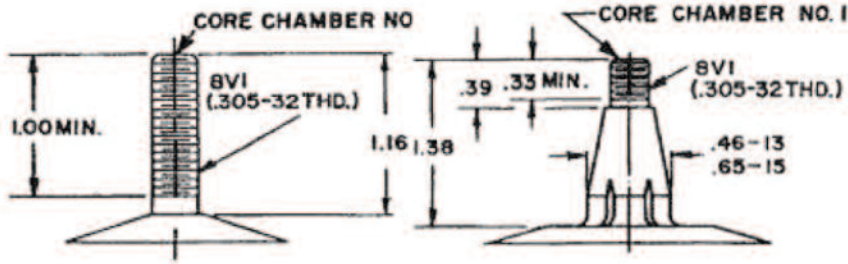
Inner Tube Fitment Charts - Passenger/Trailer tires

### PASSENGER TUBE FITMENT CHART

Size	Product Code	Valve	Also Fits
DR 12/4.00/4.50/4.80/5.30-12	323844	TR-13	DR12
			4.00-12
			4.50-12
			4.80-12
ER 12/13	322160	TR-13	A78-13
			145/80R12/13
			185/60R13
			5.00-12/13
			135R12
FR 13/14	322010	TR-13	155/80R13
			195/60R13
			5.20-12/13
			145R12/13
			165/70R12/13
GR 13/14/15	322020	TR-13	AR78-12
			5.50-12
			155R12/13
			5.60-12/13
			BR78-12
			6R12SL
			A78-13/14
			165R14
			185/70R13/14
			6.00-13/14
KR 14/15	322030	TR-13	6.15-13
			205/60R13/14
			6.40-13
			A70-13
			175/80R13
MR 14/15	322040	TR-13	185/60R14
			6.50-13
			B70-13/14
			195/60R14
			6R14SL
			6.60-13/14
			165/75R13/14
			AR78-13/14
			6R14SL
			7R14SL
GR/KR 16	322050	TR-15	175R13
			185/75R13
			AR70-13
			6.00-13/14
			155R14
			175/70R13/14
			BR70-13/14
			6.00-15
			A78-15
			175R15
			195/60R15
			5.00-15
			B78-15
			155/80R15
			205/60R15
5.50-15			
B70-15			
165/80R15			
AR78-15			
6.00-15			
155R15			
175/75R15			
BR78-15			
6.00-15			
165R15			
185/70R15			
BR70-15			
6.00-15			
GR/KR 16	322190	TR-15CW	C78-13/14/15
			G60-14
			215/60R14/15
			7.00R13/14
			D78-13/14/15
			185R13/14/15
			225/60R14/15
			6.50R14
			E78-14/15
			195R13/14/15
			245/60R14
			7.35R14
			F78-14/15
			175R14
			CR78-13/14/15
6.85R15			
C70-13/14/15			
185/80R13/14			
DR78-13/14/15			
LT195/75R14			
D70-13/14/15			
175/80R14			
ER78-14/15			
700R14LT			
E70-14/15			
195/75R13/14/15			
FR78-15			
7.9R14LT			
F70-14/15			
185/75R14/15			
CR70-13/14/15			
26 x 850R14LT			
C60-14/15			
205/75R14			
DR70-13/14/15			
27 x 850R14LT			
D60-14/15			
195/70R13/14/15			
ER70-14/15			
27 x 750R15LT			
E60-14/15			
205/70R13/14/15			
FR70-14/15			
6.70R13/14			
F60-14/15			
235/6013/14			
6.70R13/14			
G78-14/15			
225R15			
235/60R15			
7.75R14/15			
H78-14/15			
195/80R15			
245/60R15			
8.00R14/15			
G70-14/15			
215/75R14/15			
FR78-14			
8.25R14/15			
H70-14/15			
225/75R14			
GR78-14/15			
8.55R15			
H60-14/15			
205/75R15			
HR78-14/15			
6.70R13/14			
G60-15			
215/70R14/15			
GR70-14/15			
205R14/15			
225/70R14/15			
HR70-14/15			
215R14/15			
255/60R14			
7.50R14/15			
J78-14/15			
M60-14/15			
265/60R14/15			
LR70-15			
K78-15			
N60-15			
275/60R14/15			
8.50R14			
L78-15			
225R14			
255/60R15			
8.85R14/15			
N78-15			
235R15			
JR78-14/15			
9.00R14/15			
J70-14/15			
235/75R14/15			
KR78-15			
9.50R14			
K70-15			
225/75R15			
LR78-15			
9.15R15			
L70-15			
235/70R14/15			
NR78-15			
J60-14			
245/70R14/15			
JR70-14/15			
L60-14/15			
255/70R15			
KR70-15			
F78-16			
FR78-16			
5.50R16			
7R16SL			
H78-16			
HR78-16			
6.00R16			
8R16SL			
L78-16			
JR78-16			
6.50R16			
LR78-16			
6.70R16			
7.00R16			
7.50R16			
F78-16			
FR78-16			
8.00R16			
H78-16			
HR78-16			
8.25R16			
L78-16			
LR78-16			

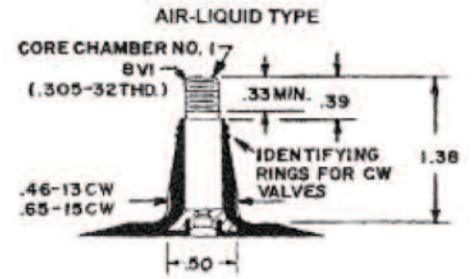


# Tubes/Flaps - Tube Stems



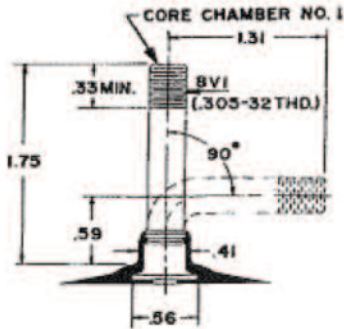
TR 4

TR 13 (TR15)

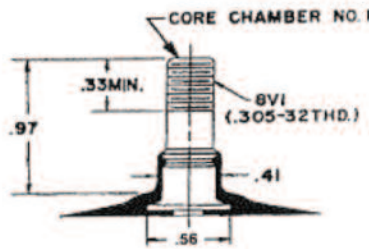


TR 13CW-TR 15CW\*

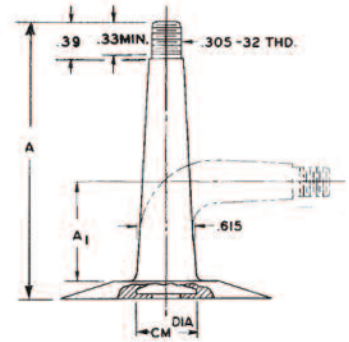
\*TO BE USED WHERE LIQUID FILL IS USED IN TUBES



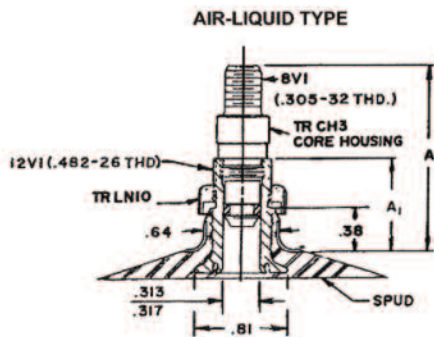
TR 87



TR 87S



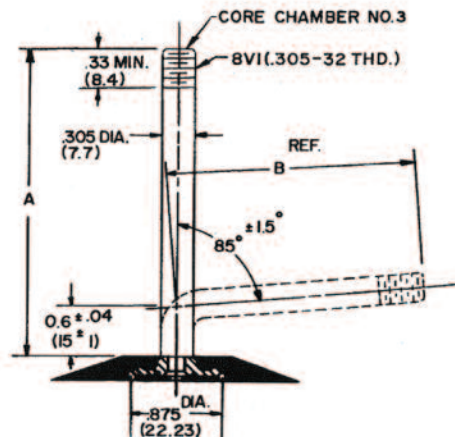
TR 150



TR 218A/220A SERIES

	A	B
TR 218A	3.35"	3.0"
TR 220A	4.53"	4.1

TR 218A/220A



TR 440 SERIES

	A	B
TR 440	3.35"	3.0"
TR 442	4.53"	4.1"
TR 443	4.92"	4.5
TR 444	5.51"	5.1

TR 440 SERIES

IMPORTANT: FOR ADDITIONAL TUBE STEM INFORMATION, REFER TO TIRE & RIM ASSOCIATION PUBLICATIONS.