DOUBLE SAFE

JIANGSU DOUBLE SAFE TIRE CO.,LTD

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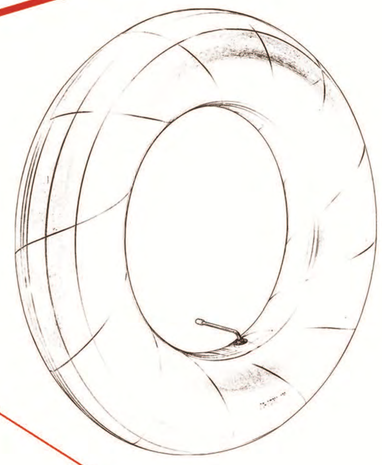

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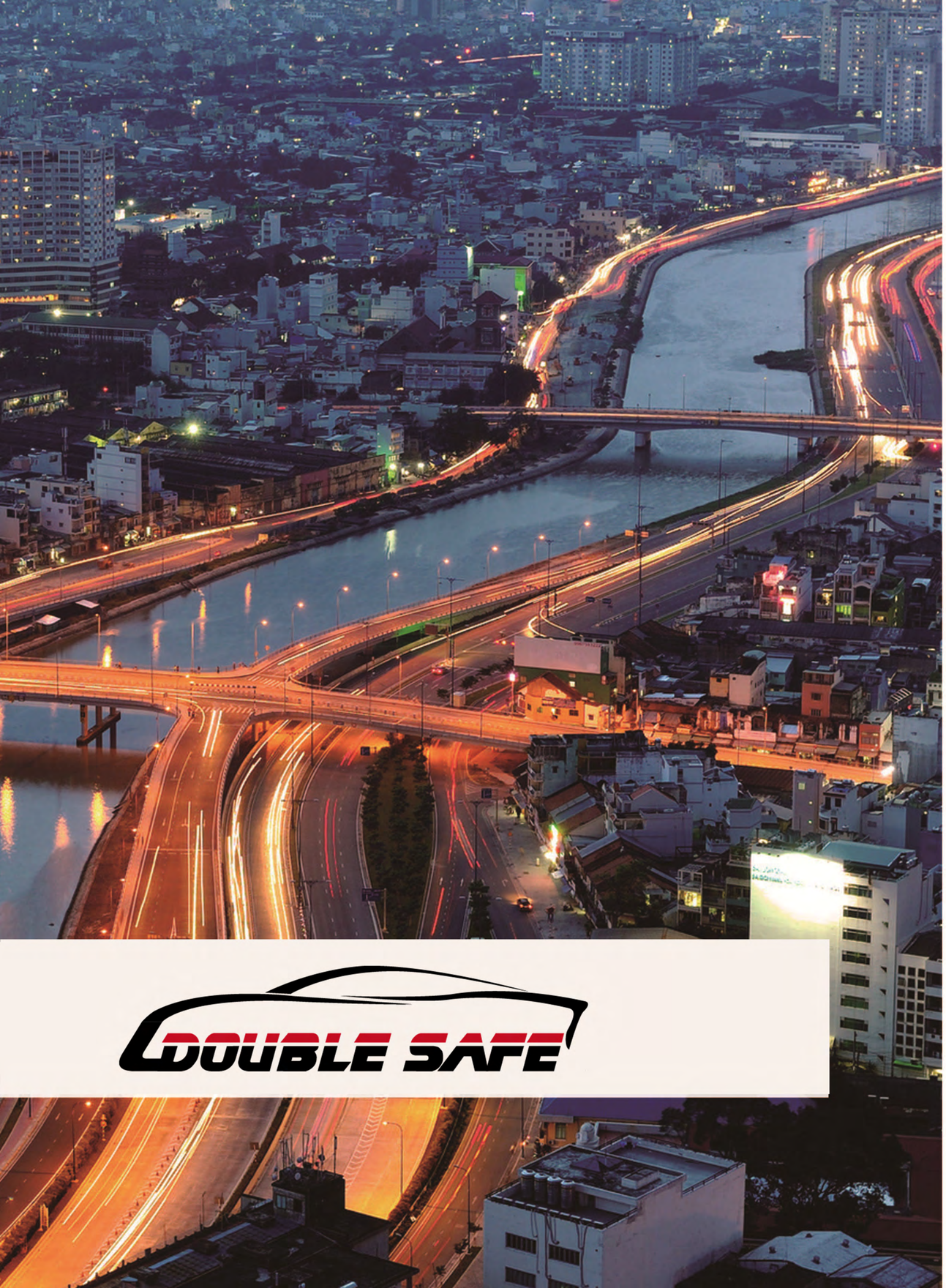


Double Safe Tire Co., Ltd. is located in Wuxi City, Jiangsu Province, mainly produce various types of tires and auto parts products. Committed to providing customers with one-stop products and excellent service. From the design research and development, production planning, logistics and after-sales expertise and rich experience makes Double Safe brand based on high-end in recent years, the products are exported to more than 20 countries and regions.

Double Safe products have passed ISO9001, ISO14001, EC, DOT and other international certifications.

Providing customers with safe and stable products ,Double Safe ensure the safe development of ecological environment.

ADVANTAGES:

DOUBLE SAFE Tire Co.,Ltd. has been in tire & auto parts market for more than 10 years, achieved advanced experience including production,design and research.

Double Safe has a dedicated R & D center, sales staff are well-established professional knowledge and skills, to help customers solve various problems.

Double Safe adopts the world advanced production and testing equipment keep providing stable high-quality products for customers around the world.

Double Safe is committed to providing customers with the perfect pre-sale, sale and after-sales service. Customer safety, environmental safety is the development concept and responsibility of Double Safe. We are willing to grow together with customers, to the world.

PASSENGER CAR

GROUP SIZE	THE SIZE APPLICATION	VALVE	QTY
E-10	135/145-10,4.00-10,4.00/4.50-10	TR13	48
	145-10,5.00-10,5.50-10,8.00/5.50-10	TR13	45
	4.00-12,4.00/4.50-12	TR13	51
D-12	125/135-12	TR13	52
	135/145-12	TR13	43
E-12	145/155-12,5.00-12,5.00/5.50-12,5.9-12	TR13	43
F-12	155/165-12,6.00-12,5.00/5.50/6.00-12	TR13	41
	6.15/155-12,6.45/165-12,6.2-12	TR13	41
	4.00/4.50-13	TR13	50
E-13	135/145-13,4.50-13,4.50/5.00-13,	TR13	50
F-13	5.65/135-13,5.95/145-13	TR13	50
	155/165-13,5.00-13,5.60-13,6.00-13	TR13	36
	5.60/5.90/6.00-13,6.15/155-13	TR13	36
G-13	175/185-13, 6.50-13,	TR13	30
	6.40/6.50/6.70/7.00-13,6.95/175-13	TR13	30
	6.70/175/185-13	TR13	30
K-13	185/195-13,7.00-13,7.35/185-13	TR13	25
E-14	135/145-14,4.50-14,4.50/5.00-14	TR13	37
	5.65/135-14,5.95/145-14	TR13	37
F-14	155/165-14,6.00-14,6.00/6.50-14	TR13	34
	5.60/5.90/6.00-14,6.15/155-14	TR13	34
G-14	175/185-14,6.50-14,6.40/6.50/6.70-14	TR13	30
	6.95/175-14,C78-14	TR13	30
K-14	195/205-14,7.00-14,7.00/7.50-14	TR13	24
	6.70/195/205-14,7.35-14,7.50-14	TR13	24
D-15	125/135-15,4.00-15,4.00/4.50-15	TR13	40
B-15	135/145-15,4.50-15,4.50/5.00-15	TR13	38
E-15	145/155-15,5.00-15,5.00/5.50-15	TR13,TR15	36
	5.95/145-15	TR13,TR15	36
F-15	155/165-15,5.50-15,5.50/6.00-15	TR13,TR15	30
	6.00-15,6.00/6.50-15,6.35/155-15	TR13,TR15	30
G-15	175/185-15,6.50-15,6.50/7.00-15	TR13,TR15	28
	7.15/175-15,7.35/185-15,7.3-15	TR13,TR15	28
K-15	195/205-15,7.00-15,7.00/7.50-15	TR13,TR15	22
	G78-15,H78-15,G70-15	TR13,TR15	22
M-15	215/225-15,7.50-15,7.50/8.00-15	TR13,TR15	20
	6.70/215-15,L78-15	TR13,TR15	20
	145/155-16,5.00-16,5.00/5.50-16	TR13,TR15	32
F-16	155/165-15,5.50-16,5.50/6.00-16	TR13,TR15	32
	165/175-16,6.00-16,6.00/6.50-16	TR13,TR15	28
G-16	175/185-16,6.50-16,6.50/7.00-16	TR13,TR15	26
K-16	195/205-16,7.00-16,7.00/7.50-16	TR13,TR15	18
	F78-16,19×400	TR13,TR15	18
M-16	215/225-16,7.50-16,7.50/8.25-16	TR13,TR15	18

PASSENGER CAR RADIAL

GROUP SIZE	THE SIZE APPLICATION	VALVE	QTY
ER-10	135/145R10,4.00R10,4.00/4.50R10	TR13	48
	145R10,5.00R10,5.50R10,5.00/5.50R10	TR13	45
	120/130/70R12,4.00R12,4.00/4.50R12	TR13	51
DR12	125/135R12	TR13	52
	135/145R12	TR13	43
ER12	145/155R12,	TR13	43
	5.00R12,5.00/5.50R12,5.9R12	TR13	42
FR12	155/165R12,6.00R12,5.00/5.50/6.00R12,	TR13	41
	6.15/155R12,6.45/165R12	TR13	40
ER13	135/145R13,4.50R13,4.50/5.00R13,	TR13	50
	5.65/135R13,5.95/145R13	TR13	50
FR13	155/165R13,5.00R13,5.60R13,	TR13	36
	6.00R13,5.60/5.90/6.00R13,6.15/155R13	TR13	36
GR13	175/185R13, 6.50R13	TR13	30
	6.40/6.50/6.70/7.00R13	TR13	30
	6.95/175R13, 6.70/175/185R13	TR13	30
KR13	185/195R13,7.00R13,7.35/185R13	TR13	30
ER14	135/145R14,4.50R14,4.50/5.00R14	TR13	37
	5.65/135R14,5.95/145R14	TR13	36
FR14	155/165R14,6.00R14,6.00/6.50R14	TR13	34
	5.60/5.90/6.00R14,6.15/155R14	TR13	34
GR14	175/185R14,6.50R14,6.40/6.50/6.70R14	TR13	30
	6.95/175R14	TR13	30
KR14	195/205R14,7.00R14,7.00/7.50R14	TR13	24
	6.70/195/205R14,7.35R14	TR13	24
DR15	125/135R15,4.00R15,4.00/4.50R15	TR13	40
BR15	135/145R15,4.50R15,4.50/5.00R15	TR13	38

LIGHT TRUCK

THE SIZE APPLICATION	VALVE	QTY
5.50-15,6.00-15,5.50/6.00-15,6.00/6.50-15	TR13,TR15	30
6.50-15,6.50/7.00-15	TR13,TR15	28
7.00-15,7.00/7.50-15	TR13, TR15	22
7.25-15	TR75A	14
7.50-15, 7.50/8.25-15	TR13, TR15	20
8.15/28x9-15	TR177A,V30207	16
8.25-15, 8.25/8.50-15	TR13,TR15	14
5.00-16,5.00/5.50-16	TR13	32
5.50-16,5.50/6.00-16	TR13, TR15	32
5.75-16	TR75A, V30207	26
6.00-16,6.00/6.50-16	TR13,TR15	28
6.50-16, 6.50/7.00-16	TR13	26
7.00-16, 7.00/7.50-16	TR13	18
7.25-16	TR13,TR15,TR177A	14
7.50-16, 7.50/8.25-16	TR13, TR15	18
8.25-16,8.25/8.50-16	TR13, TR15	12
7.50-17	TR75A	14

LIGHT TRUCK RADIAL

THE SIZE APPLICATION	VALVE	QTY
5.50R15,6.00R15,5.50/6.00R15,6.00/6.50R15	TR13,TR15	30
6.50R15,6.50/7.00R15	TR13, TR15	28
7.00R15,7.00/7.50R15	TR13, TR15	22
7.25R15	TR75A	14
7.50R15,7.50/8.25R15	TR13,TR15	20
8.15/28x9R15	TR177A,V30207	16
8.25R15,8.25/8.50R15	TR13, TR15	14
5.00R16,5.00/5.50R16	TR13	32
5.50R16,5.50/6.00R16	TR13, TR15	32
5.75R16	TR75A,V30207	26
6.00R16,6.00/6.50R16	TR13, TR15	28
6.50R16, 6.50/7.00R16	TR13	26
7.00R16, 7.00/7.50R16	TR13, TR177A,V30405	18
7.25R16	TR13,TR15,TR177A	14
7.50R16, 7.50/8.25R16	TR13,TR150,TR175A	16
8.25R16,8.25/8.50R16	TR13, TR15	12
7.50R17	TR75A	14

TRUCK & BUS

THE SIZE APPLICATION	VALVE	QTY
6.00/6.50-20,6.50/7.00-20	TR177A,V30405	12
7.50-20,7.50/8.25-20	TR177A,v30405,v30605	12
8.25-20,8.25/9.00-20	TR77A, V30405, V30605	12
9.00-20,9.00/10.00-20	TR175A,TR78a,V30605	9
10.00-20, 10.00/11.00-20	TR78A, TR444,v30605	8
11.00-20, 11.00/12.00-20	TR78A,TR179A	7
12.00-20	TR78A, TR179A	6
13.00-20,13.00/14.00-20	TR179A,TRJ1175C	5
10.00/11.00-22	TR179A,V30605	6
295/80-22.5,315/80-22.5	TR179A,V30605	6
12.00-24,11.00/12.00-24	TR179A,TRJ1175C	5
14.00-24,13.00/14.00-24	TR179A,TRJ1175C	5
13.00/14.00-25	V30605	5

RADIAL TRUCK & BUS

THE SIZE APPLICATION	VALVE	QTY
6.00/6.50R20,6.50/7.00R20	TR177A,V30405	12
7.50R20,7.50/8.25R20	TR177A,V30405	12
8.25R20,8.25/9.00R20	TR77A, V30405	12
9.00R20,9.00/10.00R20	TR175A,TR78A	9
10.00R20, 10.00/11.00R20	TR78A, TR444	8
11.00R20, 11.00/12.00R20	TR78A,TR179A	7
12.00R20	TR78A, TR179A	6
13.00R20,13.00/14.00R20	TR179A, TRJ1175C	5
11.00R22.5,11.00R22	TR179A, V30605	6
12.00R24,11.00/12.00r24	TR179A,TRJ1175C	5
14.00R24,13.00/14.00r24	TR179A,TRJ1175C	5
13.00/14.00R25	V30605	5

INDUSTRIAL

THE SIZE APPLICATION	VALVE	QTY
200×3.5	DIN7768	190
200×50	DIN7777	190
2.50/3.00-4	DIN7777,TR87	117
9×3.50-4	DIN7777	110
9×3.50R4	TR87	110
3.00-4, 260×85	TR87	112
260×85	TR87	112
4.10/3.50-4	TR13,TR87	100
11×4.00-4	TR13,TR87	100
8 1/2×2	DIN7777	172
2.50-5	TR87	106
4.10/3.50-5	DIN777,TR87	97
11×5.00-5, 11×4.00-5	DIN777,TR87	97
11×6.00-5	TR87,TR13	60
11×7.10-5	TR87	59
2.50-6	TR13,TR87	96
4.10/3.50-6	TR87,TR13	94
5.30/4.50-6 ,13×5.00-6	TR87	58
15×6.00-6	TR13,TR87,TR6	50
220/50-6	TR13	32
8.00-6/7	TR87,TR13, TR6	26
2.50-8	TR87,TR13,TR6	85
2.95-8,3.00-8	TR87	86
13×3.00-8	TR13	88
3.50/4.00-8	TR13	85
4.80/4.00-8	TR87,TR13,TR6	70
4.80-8	TR87,TR13,TR6	65
16×6.50-85.70/5.00-8	TR87	38
18×8.50/9.50-8 ,21×10-8, 20×10-8	TR87,TR13, TR6	27
4.50/5.00-9	TR87	48
5.00-9	JS2,TR13	42
6.90/6.00-9, 6.00-9, 21×8-9	JS2,JS89	30
9.00-9,20×11-9	TR13, TR15, TR6	21
4.00/4.50-10	JS87C,TR218A	48
5.00-10, 5.50-10, 165/70-10	TR13	45
6.50-10, 6.50/7.00-10	JS2JS89,TR13	25
20×8/20×7-10	JS2JS89,TR13	25
20.5×8.00-10,23×9-10	TR13, TR6	24
22×11-10, 23.5×8.00-10	TR13, TR6	24
9.00-10,7.50/9.00-10,25×12-10	TR150, TR6	10

INDUSTRIAL

THE SIZE APPLICATION	VALVE	QTY
23.5×8.00-11, 23.5×8.50/9.50-12	TR13,TR15,TR6	22
4.80/4.00-12	JS87C,TR13	52
450/500-12	JS87C	40
450/500-12	TR13	43
5.00-12	TR13, TR218A	43
6.00-12	TR13	41
6.50-12	TR75A	26
7.00-12	TR75A, TR440	22
8.25/8.50-12	TR75A	15
27×9.50/10.50-12	TR75A,TR6	16
26×12-12,23×8.50/10.50-12	TR6,TR13	16
7.00-13	TR13	25
8.5/9.5L14/15	TR13, TR15	15
4.00/4.50-15	TR13, TR15	40
5.00/5.50-15	TR13, TR15	36
6.00/6.50-15	TR13, TR15	30
6.50-15	TR13, TR15	28
6.50/7.00-15	TR218A	26
250/300-15	TR177A, TR440	15
7.00/7.50-15	TR13, TR15	22
27×8.50-15	TR75A	18
7.50/8.25-15, 7.50-15	TR13, TR15	20
7.50/8.25-15, 7.50-15	TR177A	16
8.25/8.50-15, 8.25-15	TR13,TR218A	14
8.25/8.50-15, 8.25-15	TR75A, TR440	12
300-15	TR177A, TR440	13

INDUSTRIAL

THE SIZE APPLICATION	VALVE	QTY
9.00/10.00-15, 11L15	TR13	14
9.00-15,10.00-15,	TR15	14
9.00/10.00/11.00-15/16	TR15	14
11L16,30×9.5-15,31×10.5-15	TR15CW	14
11.00-15,11.5/80-15 11/12-15	TR13,TR218A	10
12.5/80-15	TR440,TR179A	14
10.5/11.5-15.3,10.5/80-15	TR13,TR218A	15
11.5/80-15,31×15.5-15	TR78A	9
12.00-15,12.5L15 12.5/80-15	TR13, TR15	10
12-15/16	TR218A	8
5.50/6.00-16	TR218A	26
6.50/7.00-16	TR218A	25
7.00/7.50-16	TR150,TR218A	16
7.50-16, 7.50/8.25-16	TR13, TR218A	18
8.25/8.50-16	TR75A	12
9.00/10.00/11.00-16	TR13,TR218A	14
10.5-16, 10-16.5,11L16	TR150,TR177A	12
13.6/14L-16.1, 400/60-15.5	TR13, TR218A	8
16.5/13.5×16.1 16.5L-16.1	TR15,TR218A	5
8.00/8.75-16.5	TR15	18
12-16.5,12.5-16,10/12-16.5	TR13,TR15	12
14-17.5	TR15,TR218A	7
4.00-18	TR13,TR15	40
6.50-17/18,6.00/6.50-18	TR13, TR15	18
6.50/7.00-18,7.00-18	TR13, TR218A	17
7.00/7.50-18	TR440,TR75A	15
7.50-18	TR13,TR218A	14
8.3/9.5/12.5-18/20	TR15,TR218A	14
10.5-18,10.5/80-18	TR13, TR218A	12
12.00-18 13.0/65-18	TR15,TR218A	8
15.00/70-18, 12.5-18	TR179A	7
5.00-19	TR135	30
6.00-19, 6.50/6.00-19	TR11,TR13	20
6.00-19/20	TR15,TR218A	16
15-19.5	TR15, TR218A	5
4.40/4.50/5.00-20/21,	TR135	26
4.50-20/21,4.50-21	TR135	26
14.5-20	TR220A	6
28×3	TR135	40
30×3 1/2,30×3	TR135	37

AGRICULTURE

THE SIZE APPLICATION	VALVE	QTY
5.00-24	TR6	14
7.50-24,8.3-24,7.5/8.3/9.5-24	TR15, TR218A	10
9.00/9.50/11.00/11.25-24SL	TR15, TR218A	7
11.2-24,11.2/10-24,12.4/11-24	TR218A,TR220A	7
12.00-24/25 ,11.2/12.4/13.6-24	TR15-OFF,TR218A	5
18.00-24/25,18.4-24,19.5-24	TR13, TR218A	2
14.9/16.9/17.5/19.5L-24/25	TR15, TR218A	4
16.9/17.5L24	TR220A, TR300	4
13.6/14.9-24/26, 14.9-24	TR15, TR218A	5
14.9-24 13.6/14.9-24	TR220A, TR300	5
16.00-24/25,15.5-25,	TR15, TR218A	2
17.5-25,15.5/17.5-25	TR220A, TR300	2
21.00-24/25,20.5-25	TR15, TR218A	2
23.5-25	TR218A	1
23.1/18-26,23.1-26,24.5-26	TR15, TR218A,	1
3.00-28	TR6	30
11.2/12.4-26/28,11.2/12.4-16	TR15, TR218A,	6
11.2/12.4-28 11.2-28	TR220A, TR300	5
13.6/14.9-26/28,13.6-28,14.9-26	TR15, TR218A	5
16.9/18.4-26,16.9/18.4-28	TR15, TR218A	3
18.4-28 18.4/15-26	TR220A,TR15CW	3
4.50-27/28, 3.6×4.5	TR6, TR135	15
14.9-28,14-30,13.6/14.9-28/30	TR15, TR218A	4
6.00-29	TR15	15
4.00-30	TR13, TR15	15
14.9-30, 15-30,16.9-30	TR15, TR218A	4
16.9/14-30,480/70-30	TR220, TR300	4
16.9/18.4-30, 18.4/15-30	TR15, TR218A	3
2.25-31	TR13	26
23.1-34, 24.5-32,23.4/24.5-32/34	TR15, TR218A	2
13.6/14.9-34,16.9/14-34	TR218A	4
16.9/18.4-34,16.9-34 18.4-34	TR15, TR218A	3
12.4/11-34,13.6/12-36	TR15, TR218A	5
11.2/12.4-36/38,320/80-34	TR220A, TR300	5
4.00-36	TR13, TR15	15
13.6/16.9-36/38, 14.9-36/38	TR15, TR218A	4
14.9-36/38 13.6-38, 13-36	TR220A, TR300	4
11.2/12.4-38,12/13-38	TR15, TR218A	5
12.4-38,12.00-38	TR220A, TR300	5
16.9/18.4-38,18.4/15-38 16.9-38	TR15, TR218A	2
570/70-38	TR220A, TR300	2
20.8-38,650/60-38	TR15, TR218A	2
18.4/20.8-42,18.4-42	TR15,TR218A	2
20.8-42 20.8/620/70-42	TR220A,TR300	2
16.9/18.4-46,420/80-46	TR218A,R220A	2

OFF-THE-ROAD

THE SIZE APPLICATION	VALVE	QTY
12.00-24/25	TR179A	5
15.5-25, 17.5-25	TRJ1175C	2
20.5-25	TRJ1175C	2
23.5-25	TRJ1175C	1
26.5-25	TRJ1175C	1

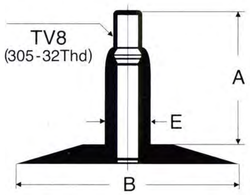
ALL TERRAN VEHICLE

THE SIZE APPLICATION	VALVE	QTY
145/70-6	TR13,TR6	60
20X7-8, 16X6-8	TR13, TR15, TR6	43
20X11-8, 18X11-8, 22X11-8	TR13, TR6	27
21X8-9	JS2	30
	TR13, TR15,TR6	32
25X12-9, 22X11-9	TR13, TR15, TR6	21
21X7-10,23x7-10,22x8-10	JS2,TR13,TR6	25
22X11-10, 24X8-11	TR13, TR6	24
23X8-11, 24X9-11,	TR13, TR6	22
25X8-11 25X10-11,		22
27X9/10-12		22
25X10-12,10.0/80-12	JS2,JS87C	15
	TR13,TR15,TR6	16

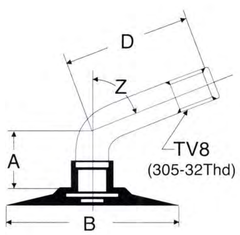
SCOOTER

THE SIZE APPLICATION	VALVE	QTY
2.50/2.75-10,70/100-10	JS87C,TR4	80
80/80-10,90/70-10	JS87C,TR4	80
2.75/3.00-10,80/100-10	JS87C,TR4	75
80/90-10,90/80-10	JS87C,TR4	75
3.00/3.50-10,100/70-10	JS87C	74
100/80-10,90/90-10	TR4	76
3.50/4.00-10,100/100-10	JS87C,TR6	60
110/80-10,120/70-10	JS87C,TR6	60
4.00/4.50-10,110/100-10	JS87C, TR6	48
120/100-10,	JS87C, TR6	48
120/80-10 130/80-10	JS87C, TR6	48
2.75/3.00-12,80/100-12	JS87C,TR4	75
80/90-12,90/80-12	JS87C,TR4	75
3.00/3.25-12,100/70-12	JS87C,TR4	80
100/80-12,90/90-12	JS87C,TR4	80
3.50/4.00-12,100/100-12	JS87C,TR6	70
100/80-12,120/70-12	JS87C,TR6	70
100/90-12	JS87C,TR6	70

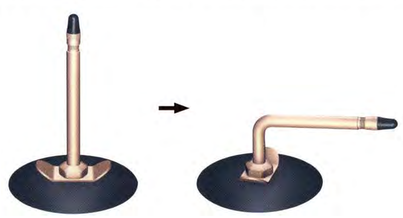
TUBE VALVE

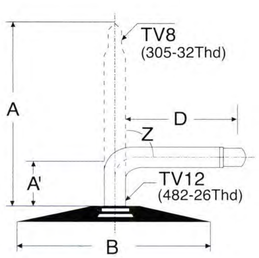


Valve.No	A		B dia		E dia	
	mm	inches	mm	inches	mm	inches
TR13	35	1.38	56	2.20	11.5	0.45
TR15	35	1.38	56	2.20	16.5	0.65
TR150A	88.5	3.48	56	2.20	15.5	0.61

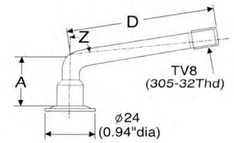


Valve.No	A		B dia		D		Bend
	mm	inches	mm	inches	mm	inches	Angle Z
TR87	15	0.59	45	1.77	33	1.30	90°
JS89	12.5	0.49	56	2.20	51	2.01	90°
JS2	26	1.02	56	2.20	33	1.30	70°

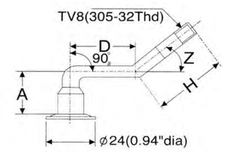




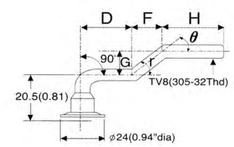
Valve.No	A		A'		B dia		D		Bend
	mm	inches	mm	inches	mm	inches	mm	inches	Angle Z
TR75A	95	3.74	24	0.94	8.25	3.25	76	2.99	86°
TR77A	124	4.88	24	0.94	8.25	3.25	105	4.13	86°
TR78A	146	5.75	24	0.94	8.25	3.25	127	5.00	86°
TR175A	134	5.28	24	0.94	8.25	3.25	115	4.53	86°
TR177A	114	4.49	24	0.94	8.25	3.25	95	3.74	86°
TR179A	160	6.30	24	0.94	95	3.74	141	5.55	86°



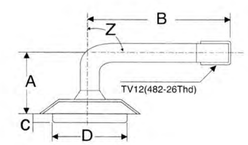
Valve.No	A		B		Bend
	mm	inches	mm	inches	Angle Z
V3-02-3	33	1.30	44.5	1.75	85°
V3-02-15	20.5	0.81	145.5	5.73	86°
V3-02-17	20.5	0.81	156.5	6.16	90°



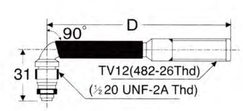
Valve.No	A		D		H		Bend
	mm	inches	mm	inches	mm	inches	Angle Z
V3-04-5	20	0.79	76	2.99	47.5	1.87	27°
V3-04-10	20.5	0.81	47	1.85	53	2.09	26°

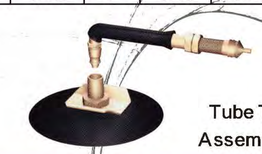


Valve.No	D		F		H		G		Bend Angle r	Bend Angle
	mm	inches	mm	inches	mm	inches	mm	inches		
V3-06-3	46	1.81	20.5	0.81	47.5	1.87	17	0.67	40°	40°
V3-06-3	62.5	2.46	19.5	0.77	49	1.93	17	0.67	41°	41°



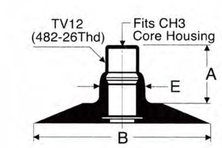
Valve.No	A		B		C		D dia		Bend Angle Z
	mm	inches	mm	inches	mm	inches	mm	inches	
TRJ1175C	35	1.38	105	4.13	4	0.16	32	1.26	88°





Tube Type Spud
Assembly SP 4000

Valve.No	D	
	mm	inches
TRJ4000-5-1/2	139.7	5.50



TR220A

Valve.No	A		B dia		E dia	
	mm	inches	mm	inches	mm	inches
TR218A	20.5	0.81	63.5	2.50	16	0.63
TR220A	30.0	1.18	63.5	2.50	16	0.63

. Valve dimensions can vary slightly according to valve manufactures.

MOTORCYCLE

Motorcycle Inner Tube

Group size	Valve	QTY	Group size	Valve	QTY
4.00/4.50-12，120/130/70-12	TR4,JS87C	51	3.00/3.25-17,100/80-17	TR4	55
4.50-12，130/90-12，140/70-12	TR4	43	3.25/3.50-17,100/90-17	TR4	42
110/90-13,130/70-13	TR4,JS87C	50	3.50/4.00-17,110/80-17	TR4	43
130/90-13	TR4,JS87C	40	4.00/4.50-17,110/90-17	TR4	42
2.00/2.25-14,60/100-14	TR4	94	4.50/5.00-17,130/70-17	TR4	37
2.25/2.50-14,70/90-14	TR4	85	5.00/5.50-17,140/90-17	TR4	24
2.50/2.75-14,70/100-14	TR4	76	200/55-17	TR4	12
2.75/3.00-14,80/100-14,2 3/4-14	TR4	66	2.00/2.25-18	TR4	70
3.00/3.25-14,100/80-14	TR4	65	2.25/2.50-18,70/90-18,2 1/4-18	TR4	65
3.25/3.50-14,90/100-14	TR4	56	2.50/2.75-18,70/100-18	TR4	64
3.50/4.00-14,110/90-14	TR4	55	2.75/3.00-18,80/100-18	TR4	60
120/80-15,110/100-15	JS87C	40	3.00/3.25-18,90/90-18	TR4	55
130/90-15,140/90-15	TR4,JS87C	38	3.25/3.50-18,100/90-18	TR4	50
140/150/90-15	TR4,JS87C	36	3.50/4.00-18.110/80-18	TR4	50
170/80-15	TR4	28	4.00/4.50-18,110/100-18	TR4	40
230/60-15	TR4	16	4.50/5.00-18,120/100-18	TR4	35
2.00/2.25-16,60/100-16	TR4	84	5.00/5.50-18,140/90-18	TR4	26
2.25/2.50-16,70/90-16,2 1/4-16	TR4	84	170/80-18	TR4	16
2.50/2.75-16,70/100-16	TR4	70	180/55-18	TR4	21
2.75/3.00-16,80/100-16,2 3/4-16	TR4	65	240/40-18	TR4	12
3.00/3.25-16,90/90-16	TR4	55	2.25/2.50-19,2.50/2.75-19,70/100-19	TR4	65
3.25/3.50-16,90/100-16	TR4	58	2.75/3.00-19,80/100-19	TR4	60
3.50/4.00-16,110/80-16	TR4	50	3.00/3.25-19,90/90-19	TR4	50
4.00/4.50-16,110/90-16	TR4	45	3.25/3.50-19,100/90-19	TR4	50
4.50/5.00-16,130/90-16	TR4	37	3.50/4.00-19,110/80-19	TR4	42
5.00/5.50-16,140/90-16	TR4	32	4.00/4.50-19,110/90-19	TR4	35
5.75/6.00-16,150/90-16	TR4	32	5.00/5.50-19,140/90-19	TR4	30
170/80-16	TR4	28	2.5/2.75-21,70/100-21	TR4	58
180/65-16	TR4	25	2.75/3.00-21,80/100-21	TR4	50
200/60-16	TR4	21	3.00/3.25-21,90/90-21	TR4	48
240/50-16	TR4	16	3.25/3.50-21,100/90-21	TR4	52
2.00/2.25-17,60/100-17	TR4	75	3.50/4.00-21,110/80-21	TR4	50
2.25/2.50-17,70/90-17,2 1/4-17	TR4	72	4.00/4.50-21,120/70-21	TR4	21
2.50/2.75-17,70/100-17	TR4	66	3.00/3.25-23,100/70-23	TR4	37
2.75/3.00-17,80/100-17,2 3/4-17	TR4	62	3.00-28	TR6	37

FLAP (Unit):mm

Light-duty Truck

Specification	Spread Width	Middle Thickness	Edge Thickness
6.50-16	≥157	≥4.0	≤1.0
7.00-15	≥157	≥4.0	≤1.0
7.00-16	≥157	≥4.0	≤1.0
7.50-15	≥170	≥4.0	≤1.0
7.50-16	≥170	≥4.0	≤1.0
8.25-16	≥178	≥4.0	≤1.5
9.00-16	≥178	≥4.0	≤1.5
6.50R15	≥157	≥4.0	≤1.0
6.50R16	≥157	≥4.0	≤1.0
7.00R15	≥157	≥4.0	≤1.0
7.00R16	≥157	≥4.0	≤1.0
7.50R16	≥170	≥4.0	≤1.0
8.25R15	≥178	≥4.0	≤1.0
8.25R16	≥178	≥4.0	≤1.0

Industrial Vehicle Tyre

Specification	Spread Width	Middle Thickness	Edge Thickness
4.00-8	≥100	≥2.0	≤1.0
4.50-12	≥100	≥4.0	≤1.0
5.00-8	≥100	≥4.0	≤1.0
6.00-9	≥115	≥4.0	≤1.0
6.50-10	≥115	≥4.0	≤1.0
7.00-9	≥140	≥4.0	≤1.0
7.00-12	≥140	≥4.0	≤1.0
7.50-10	≥165	≥4.0	≤1.0
8.25-12	≥180	≥4.0	≤1.5
8.25-15	≥180	≥5.0	≤1.5
21.00-25	≥290	≥9.0	≤2.0
28*9-15	≥170	≥4.0	≤1.0

Flap for Load Truck

Specification	Spread Width	Middle Thickness	Edge Thickness	Slot Liner
7.00-20	≥152	≥4.0	≤1.0	S-78
7.50-20	≥165	≥4.0	≤1.0	S-78
8.25-20	≥178	≥4.0	≤1.5	S-90
9.00-20	≥178	≥4.5	≤1.5	S-90
10.00-20	≥190	≥5.5	≤1.5	S-102
11.00-20	≥205	≥5.5	≤1.5	S-102
12.00-20	≥205	≥6.5	≤1.5	S-102
12.00-24	≥205	≥6.5	≤1.5	—
7.50R20	≥170	≥4.0	≤1.5	S-78
8.25R20	≥175	≥4.0	≤1.5	S-90
9.00R20	≥185	≥4.5	≤1.5	S-102
10.00R15	≥205	≥6.5	≤1.5	—
10.00R20	≥195	≥5.5	≤1.5	S-102
11.00R20	≥200	≥5.5	≤1.5	S-102
11.00R22	≥204	≥6.5	≤1.5	—
12.00R20	≥200	≥6.5	≤1.5	S-110
12.00R24	≥200	≥6.5	≤1.5	—
13.00-20	≥200	≥8.5	≤1.5	
14.00-20	≥225	≥8.5	≤1.5	
13.00R20	≥225	≥8.5	≤1.5	
14.00R20	≥225	≥8.5	≤1.5	

Engineering truck and for other voiture

Specification	Spread Width	Middle Thickness	Edge Thickness
6.00-16	≥140	≥4.0	≤1.0
10.00-15	≥205	≥7.0	≤1.5
14.00-24	≥225	≥7.0	≤1.5
15-24	≥150	≥5.5	≤1.0
15.5-25	≥250	≥7.0	≤2.0
16.00-25	≥245	≥7.0	≤2.0
16/17-20	≥315	≥7.0	≤2.0
16/17-24	≥315	≥7.0	≤2.0
17.5-25	≥315	≥7.5	≤2.0
18.00-25	≥260	≥8.0	≤2.0
20.5-25	≥420	≥8.5	≤2.0
23.5-25	≥500	≥9.0	≤2.0
1350*380	≥290	≥6.5	≤2.0

BICYCLE

NO.	SIZE	Section Width	NO.	SIZE	Section Width
1	180 × 50	51	19	22 × 1 3/8	37
2	225 × 55	63	20	22 × 1.75/1.95	43
3	700 × 18/23c	22	21	22 × 2.125	51
4	700 × 28/35c	26	22	24 × 1	22
5	700 × 35/42c	33	23	24 × 1 3/8	37
6	700 × 35/43c	37	24	24 × 1.75/1.95	43
7	10 × 1.75	43	25	24 × 2.125	51
8	10 × 1/2 × 2 1/4	48	26	26 × 1 3/8	37
9	12 × 1.75/1.95	43	27	26 × 1.75/1.95	43
10	12 × 2.125	51	28	26 × 2.125	51
11	14 × 1.75/1.95	43	29	26 × 4.0	98
12	14 × 2.125	51	30	27 × 1 3/8	37
13	16 × 1.75/1.95	43	31	27 × 1 1/4	30
14	16 × 2.125	51	32	27.5 × 1.95/2.30	51
15	18 × 1.75/1.95	43	33	28 × 1 3/8	37
16	18 × 2.125	51	34	28 × 1 1/2 × 1.75	43
17	20 × 1.75/1.95	43	35	29 × 1.95/2.30	43
18	20 × 2.125	51	36	29 × 1.95/2.30	51

TR-4

XH NO.	A	B
TR-4	45	34.5
TR-4S	38	34.5

TR-4C

XH NO.	A	B
TR-4C	25,28,32	33,40

TR-87S

XH NO.	A	B
TR-87S	45	28.5

TR-6

XH NO.	A	B
TR-6	68 × 42	34.5
TR-6M	64 × 37	34.5

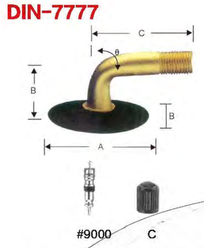
JS-87C

XH NO.	A	B	C	ANGLE
JR-87C	45	23.5	33	90
JS-87N	45	21	30	90
JS-87CL	45	30	30	90
JS-87NL	56	21	30	90

TR-87

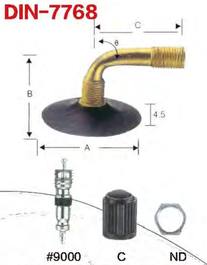
XH NO.	A	B	C	ANGLE
TR-87	45	19	33	90
JS-87	45	19	30	90
JS-87P	45	19	27.5	70

DIN-7777



XH NO.	A	B	C	D	ANGLE
DIN-7777-32	32	17	28	3.3	90
DIN-7777-45	45	17	28	4.5	90

DIN-7768



XH NO.	A	B	C	ANGLE
DIN-7768	25,28,32	20	28	45,53,60,90

DIN-7759

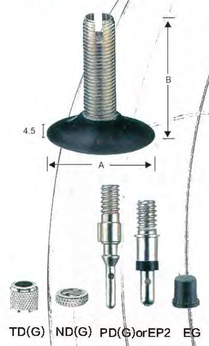
XH NO.	A	B	C	ANGLE
DIN-7759	25,28,32	20	28	45,53,60,90

DIN-202

CR-202CR

XH NO.	A	B	C	ANGLE
DIN-202	25,28,32	17.5	25	70,90
CR-203	25,28,32	15.5	25	70,90

TR1



XH NO.	A	B
TR1-18	18	26.5
TR1-20	20	26.5
TR1-22	22	26.5
TR1-25	25	26.5
TR1-28	28	26.5
TR1-32	32	26.5
TR1-22 × 28	22 × 28	26.5
TR1-20 × 32	20 × 32	26.5

E.T.R.O No:V1.04.1

ZINC ALLOY MATERIAL

TR/V

JB NO.	A	B	L
TR/VOR TR/V (NT)	25	4.5	32,43,47.5,54,etc
	28		
	32		
	18 × 30		
	22 × 28		

Thin Valve Base Type

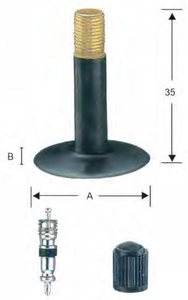
R/V

JB NO.	A	B	L
R/V OR R/V (NT)	25	4.5	32,43,47.5,54,etc
	28		
	32		
	18 × 30		
	22 × 28		

VAR

XH NO.	A	B
VAR-20	20	3.0
VAR-22	22	3.0
VAR-25	25	3.5
VAR-28	28	3.5
VAR-32	32	3.5
VAR-20×25	20×25	3.5
VAR-20×32	20×32	3.5
VAR-22×28	22×28	3.5

TAR



Thin valve base type

XH NO.	A	B
TAR-25	25	2
TAR-28	28	2
TAR-32	32	2
TAR-18×30	18×30	2
TAR-22×28	22×28	2

AR-L

Extra long type

XH NO.	A	L
VAR-40L	25,28,32	40
VAR-48L	25,28,32	48
VAR-40L-CR	25,28,32	40
VAR-48L-CR	25,28,32	48

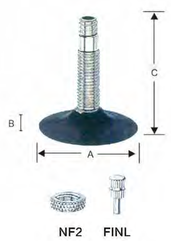
TR-4A

XH NO.	A	B
TAR-4A-25	25	33
TAR-4A-28	28	33
TAR-4A-32	32	33
TAR-4A-25L	25	40
TAR-4A-28L	28	40
TAR-4A-32L	32	40

GVAR

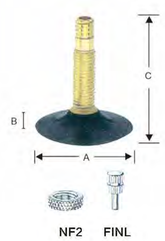
XH NO.	A	B	C
GVFR-18	18	4.5	26.5,33,36,40,48,60
GVFR-20	20	4.5	26.5,33,36,40,48,60
GVFR-22	22	4.5	26.5,33,36,40,48,60
GVFR-25	25	4.5	26.5,33,36,40,48,60
GVFR-28	28	4.5	26.5,33,36,40,48,60
GVFR-32	32	4.5	26.5,33,36,40,48,60
GVFR-18×30	18×30	4.5	26.5,33,36,40,48,60

ITV



XH NO.	A	B	C
ITV-18	18	4.5	28,32
ITV-20	20	4.5	28,32
ITV-22	22	4.5	28,32
ITV-25	25	4.5	28,32
ITV-28	28	4.5	28,32
ITV-32	32	4.5	28,32
ITV-18×30	18×30	4.5	28,32

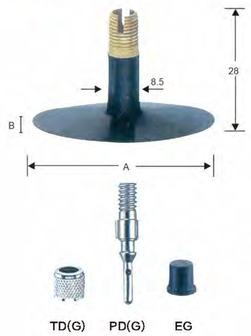
TITV



Thin valve base type

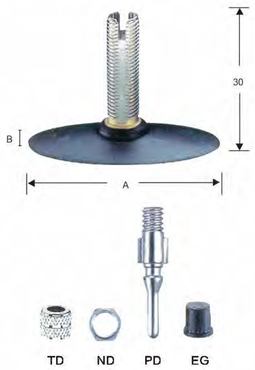
XH NO.	A	B	C
TITV-25	25	1.8	28,32
TITV-28	28	1.8	28,32
TITV-32	32	1.8	28,32
TITV-18×30	18×30	1.8	28,32

CAV



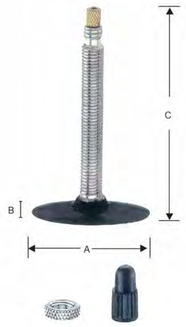
XH NO.	A	B
DAV-25	25	3.2
DAV-28	28	3.2
DAV-32	32	3.2
DAV-46×28	46×28	3.2

C4E



XH NO.	A	B
C4E-25	25	4.6
C4E-28	28	4.6
C4E-32	32	4.6
C4E-46×25	46×25	4.6
C4E-46×28	46×28	4.6

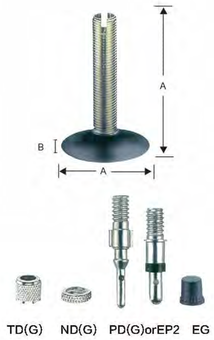
TVFR



Thin valve base type

XH NO.	A	B	C
TVFR-25	25	1.8	26.5,32,33,36,40,48,60
TVFR-28	28	1.8	26.5,32,33,36,40,48,60
TVFR-32	32	1.8	26.5,32,33,36,40,48,60
TVFR-18×30	18×30	1.8	26.5,32,33,36,40,48,60

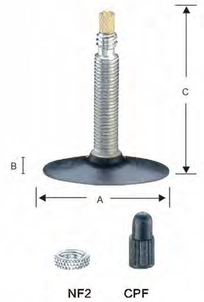
TRI-L



Extra long type

XH NO.	A	B
TRI-35L	35	4.5
TRI-40L	40	4.5

VFR



XH NO.	A	B	C
VFR-18	18	4.5	26.5,32,33,36,40,48,60
VFR-20	20	4.5	26.5,32,33,36,40,48,60
VFR-22	22	4.5	26.5,32,33,36,40,48,60
VFR-25	25	4.5	26.5,32,33,36,40,48,60
VFR-28	28	4.5	26.5,32,33,36,40,48,60
VFR-32	32	4.5	26.5,32,33,36,40,48,60
VFR-18×30	18×30	4.5	26.5,32,33,36,40,48,60

BUTYL RECLAIMED RUBBER TECHNICAL INDEX

ITEM	LEVEL	INDEX	TEST METHOD
≥MPa Tensile Strength	Class A	7.5	GB/T13460-1992 GB/T6038 GB/T528-1998
	Class A+	8.5	
%≥ Break Elongation	Class A	450	
	Class A+	520	
%800℃/2h %≥ Ash Content	10.0		GB/T13460-1992
80℃/1h %≥ Moisture Content	0.7		GB/T4498-1997
Appearance	Black No foreign body		Visual
(ML1+4 100℃) ≤ Mooney Viscosity	60		GB/T1232.1-2000

CURING INNER TUBE

THE SIZE APPLICATION	VALVE	QTY
FR13	TR120W	15
FR14	TR120W	18
6.50/7.00-14	TR120W	14
6.50/7.00R14	TR120W	14
6.00-15,6.00R15	TR120W	14
FR15	TR120W	14
6.50-15,6.50R15	TR120W	8
7.50-15	TR120W	8
8.25-15	TR120W	8
6.00-16,6.00R16	TR120W	8
6.50-16,6.50R16	TR120W	8
7.00-16,7.00R16	TR120W	8
7.50-16,7.50R16	TR120W	8
8.25-16,8.25R16	TR120W	6
7.50-17,7.50R17	TR120W	8
6.50-20,6.50R20	TR120W	6
7.00-20,7.00R20	TR120W	6
7.50-20,7.50R20	TR120W	6

THE SIZE APPLICATION	VALVE	QTY
8.25-20,8.25R20	TR120W	6
10.00-20,10.00R20	TR120W	5
11.00-20,11.00R20	TR120W	4
12.00-20,12.00R20	TR120W	3
13.00-20,13.00R20	TR120W	3
11.00-22,11.00R22	TR120W	4
275/80-22.5	TR120W	4
295/80-22.5	TR120W	3
11.00-24,11.00R24	TR120W	3
12.00-24,12.00R24	TR120W	2
13.00/14.00-24	TR120W	2
14.00/24	TR120W	1
13.00/14.00R24	TR120W	1
15.5-25	TR120W	2
17.5-25	TR120W	1
20.5-25	TR120W	1
23.5-25	TR120W	1

TIRE O-RING

CODE	RIM	I.D.（mm）	Section Diameter（mm）	Matching tire size(recommended)
DST999	51″	3660	12.9	30.00-51，33.00-51，36.00-51
DST998	49″	3600	9.8	24.00-49，27.00-49
DST997	45″	3300	9.8	45/65-45
DST996	35″	2565	9.8	21.00-35，24.00-35，37.25-35
DST995	33″	2415	9.8	18.00-33，35/65-33，33.5-33
DST994	29″	2105	9.8	26.5-29，29.5-29
DST993	26″	1815	9.8	23.1-26
DST992	25″	1800	9.8	13.00-24，14.00-24，16.00-24
				15.5-25，，16.00-25，17.5-25
				18.00-25，20.5-25，21.00-25
				23.5-25，26.5-25，29.5-25
DST991	S25″	1800	6.6	66×43.00-25
DST990	20″	1480	6.6	16-20，18-20，20-20，22-20，24-21

ENVELOPE

DoubleSafe Envelope		Matching tire size (recommended)			
Code	Dimensions	Conventional Size		Metric Size	
DSR712	1270×863	1200R20	1300R20	365/80R20	85/65R22.5
		15R22.5	1200R24	315/75R24.5	445/65R22.5
		12.5R22.5	12R24.5	365/80R22.5	445/50R22.5
		13R22.5	1100R24	295/80R24.5	425/65R22.5
DSR711	1205×760	11R24.5	1100R22	305/75R24.5	275/80R24.5
		12R22.5	1100R20	305/70R24.5	315/80R22.5
		1200R22	1200R20	285/75R24.5	305/85R22.5
		11R22.5		315/75R22.5	
		1100R20		305/75R22.5	
DSR710	1066×711	1000R20	12/70R22.5	315/70R22.5	275/80R22.5
		10R19.5	13/80R20	305/70R22.5	275/70R22.5
		11R17.5	12/80R20	295/80R22.5	425/65R19.5
		10R22.5		305/60R22.5	
		1000R22		305/70R19.5	
		900R20			
DSR709	1016×635	825R20	9R22.5	255/70R22.5	
		750R20	8R22.5	245/75R22.5	305/60R22.5
		700R20	8R19.5	235/80R22.5	
DSR708	928×635	8.25R16	10R16.5	265/70R19.5	
		825R15	12R16.5	245/70R19.5	
		10R15			
DSR707	815×510	8.5R17.5	9.5R17.5	235/70R19.5	265/75R16
		750R16	750R15	225/75R16	245/75R16
		8R17.5	700R16	215/75R16	245/70R16
			700R15	215/75R17.5	225/70R16.5
			28×9R15	250R15	205/75R16
				235/75R15	205/75R15
DSR706	760×432	650R16	700R12	175/75R16	195R14
		600R16	27×10×12	185R15	205R14
		7R17.5		195R16	185R15