

Tyres for trucks, buses, trolley-buses

BORN UP NORTH

For trucks, buses,
trolley-buses

Always running
and always on the straight.
Unwillingness to give in gets converted into
capacity to overcome. Make a track where there is no road.
Perseverance gives forces.
Experience provides with stability.
Acceleration gets created by unity of forces
forwarded to the goal.

PARO

GmbH

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Special modifications of tyres

The tyres supplied for the needs of the Ministry of Defense of the Russian Federation and other military authorities, according to GOST 13298, GOST 5513, GOST 4754, have the following indexes:

- Guaranteed life;
- Guaranteed storage life.

A number of models produced for the needs of the Ministry of Defense of the Russian Federation and other military authorities can also differ from other types of tyres produced in series by other technical characteristics.

For example:

- Load indexes;
- Speed indexes.

Production of the indicated tyres requires readjustment of the equipment. The order for production can be accepted not less than 30 days before the date of the beginning of production.

Tyres produced in tropic and arctic version can also have technical characteristics different from those produced in series. Due to the readjustment of the equipment, the order for production can be accepted not less than 30 days before the date of the beginning of production.

Hot line telephone number:
BaRo GmbH - 040/21 90 12 90

BORN UP NORTH

Tyres for trucks, buses, trolley-buses

ИД-370



For trucks, buses,
trolley-buses

Tyre size	21.5/75R21 (1350x550-			
Standard description	TS 38.604-0658			
Tyre pattern	Cross country			
Ply rating	10			
Tyre weight, not more, kg	156			
Load bearing capacity index	160	162	164	172
Recommended rim	—			
Exterior diameter, mm	1350±10			
Section width, mm, not more	550			
Static radius, mm	625±10			
$Q_{\max}$ kgf/ Q_{ec}	4500	4750	5000	6300
P_o at $Q_{\max}$ kgf/sm ² / P at Q_{ec}	5.5	5.7	6.0	6.5
$V_{\max}$ km/h	G(90)	F(80)	E(70)	D(65)
Design	TT			
Use	For trucks			

Tyres for trucks, buses, trolley-buses

ВН-3



Tyre size	530/70-21 (1300x530-533)
Standard description	GOST 13298
Tyre pattern	Cross country
Ply rating	12
Tyre weight, not more, kg	103
Load bearing capacity index	156
Recommended rim	440-533 (533-440)
Exterior diameter, mm	1280
Section width, mm, not more	530
Static radius, mm	585
Q_{max} kgf / Q_{ec}	4000
P_o at Q_{max} kgf/sm ² / P at Q_{ec}	4.0
V_{max} km/h	F(80)
Design	TT
Use	For all-wheel-drive trucks: KrAZ, Ural, MAZ, BAZ.

Tyres for trucks, buses, trolley-buses

Forward Traction И-П184



For trucks, buses,
trolley-buses

Tyre size	1220x400-533
Standard description	TS 38.304-154
Tyre pattern	Cross country
Ply rating	10
Tyre weight, not more, kg	88.613
Load bearing capacity index	142
Recommended rim	533-310 (310-533)
Exterior diameter, mm	1280±15
Section width, mm, not more	418
Static radius, mm	560±7
$Q_{\max}$ kgf / Q_{ec}	2650
P_o at $Q_{\max}$ kgf/sm ² / P at Q_{ec}	3.2
$V_{\max}$ km/h	90
Design	TT
Use	KamAZ-4310, 43015; NefAZ-4510 with 6*6 axle configuration.

Tyres for trucks, buses, trolley-buses

Forward Traction ИД-П284



Tyre size	500/70-508 (1200x500-508)
Standard description	TS 38.304-085
Tyre pattern	Cross country
Ply rating	16
Tyre weight, not more, kg	104.1 with rim strip 99.6 without rim strip
Load bearing capacity index	156
Recommended rim	514-400; (400G-508)
Exterior diameter, mm	1185±15
Section width, mm, not more	475
Static radius, mm	548±7
Q_{max} kgf/ Q_{ec}	4000
P_o , at Q_{max} kgf/sm ² / P at Q_{ec}	5.3
V_{max} km/h	80
Design	TT
Use	Ural-4320/43206 (chassis) Ural-43204 (log truck) Ural-5557 (dumper) Ural-3255 (shift)

Tyres for trucks, buses, trolley-buses

NORTEC

NorTec TR 184-1



For trucks, buses,
trolley-buses

Tyre size	425/85R21	
Standard description	TS 38.304-138	
Tyre pattern	Cross country	
Ply rating	14	18
Tyre weight, not more, kg	118.7	121.7 with rim strip
Load bearing capacity index	146	156
Recommended rim	533-310 (310-533)	
Exterior diameter, mm	1260±1.5%	
Section width, mm, not more	425	
Static radius, mm	580±1.5%	
Q_{max} kgf / Q_{ec}	3000	4000
P_{or} at Q_{max} , kgf/sm ² / P at Q_{ec}	4.5	5.0
V_{max} km/h	110	100
Design	TT	
Use	KamAZ-43118, -4326, -63501; Ural-6364, 6350, 4320 and their modifications.	

Tyres for trucks, buses, trolley-buses

NORTEC

NorTec TR-1260

Forward

Forward Traction 1260



Tyre size	425/85R21	
Standard description	TS 38.304-084	
Tyre pattern	Cross country	
Ply rating	14	18
Tyre weight, not more, kg	121	124.1
Load bearing capacity index	146	156
Recommended rim	533-310	
Exterior diameter, mm	1260±1.5%	
Section width, mm, not more	425	
Static radius, mm	590±1.5%	585±1.5%
Q_{max} kgf / Q_{ec}	3000	4000
P_{or} at Q_{max} , kgf/sm ² / P at Q_{ec}	4.5	5.6
V_{max} km/h	100	90
Design	TT	
Use	All-wheel-drive KamAZ, Ural.	

Tyres for trucks, buses, trolley-buses

NORTEC

NorTec TR-1260-1



For trucks, buses,
trolley-buses

Tyre size	425/85R21	
Standard description	TS 38.304-150	
Tyre pattern	Cross country	
Ply rating	14	18
Tyre weight, not more, kg	121	124.1
Load bearing capacity index	146	156
Recommended rim	310-533 (533-310)	
Exterior diameter, mm	1260±1.5%	
Section width, mm, not more	425	
Static radius, mm	590/585±1.5%	
Q_{max} kgf / Q_{ec}	3000	4000
P_o at Q_{max} , kgf/sm ² / P at Q_{ec}	4.5	5.6
V_{max} , km/h	100	90
Design	TT	
Use	KamAZ-43118, -4326, -63501; Ural-6364, 6350 and their modifications.	

Tyres for trucks, buses, trolley-buses

0И-25



Tyre size	14.00-20		
Standard description	GOST 13298 TS 38.104-108	TS 38.304-054	TS 38.304-043
Tyre pattern	Cross country		
Ply rating	10	14	16
Tyre weight, not more, kg	86.9	86.9	93.31
Load bearing capacity index	140/145	147	155
Recommended rim	515-254 (254G-208)		10.00
Exterior diameter, mm	1260±10		
Section width, mm, not more	390		
Static radius, mm	583±5	585±5	583±5
Q_{max} kgf / Q_{ec}	2500/2860	3100	3875
P_o at Q_{max} kgf/sm ² / P at Q_{ec}	3.2/3.9	4.3	4.25
V_{max} km/h	85		50
Design	TT		
Use	Ural-337, Ural-337 and its modifications; 2-, 3-, 4-axle vehicles Ural; rubber-tyre cranes KS-436-1A.		

Tyres for trucks, buses, trolley-buses

NORTEC

NorTec TR 70



For trucks, buses,
trolley-buses

Tyre size	12.00-18
Standard description	GOST 13298
Tyre pattern	Cross country
Ply rating	8
Tyre weight, not more, kg	54.25 with rim strip 56.75 without rim strip
Load bearing capacity index	124
Recommended rim	465-228; (228G-457)
Exterior diameter, mm	1084±8
Section width, mm, not more	337
Static radius, mm	505±5
Q_{max} kgf / Q_{ec}	1600
P_o , at Q_{max} , kgf/sm ² / P at Q_{ec}	3.0
V_{max} km/h	80
Design	TT
Use	GAZ-66, ZIL-157, trailers to tractors K-700, K-701.

Tyres for trucks,
buses, trolley-buses

Forward

Forward Traction 310



Tyre size	12.00R20
Standard description	TS 38.304-092
Tyre pattern	Universal
Ply rating	18
Tyre weight, not more, kg	74.95
Load bearing capacity index	O-154/C-149
Recommended rim	8.5-20; (9.0-20)
Exterior diameter, mm	1122±1.5%
Section width, mm, not more	324
Static radius, mm	526±1.5%
$Q_{\max}$ kgf / Q_{ec}	O-3750; C-3250
P_o , at $Q_{\max}$, kgf/sm ² / P at Q_{ec}	8.7
$V_{\max}$ km/h	100
Design	TT
Use	KamAZ-6520, 65225, 65226; MAZ-63170, 63030, 63035; Ural-6364, 6365; Ural-Iveco-5531.

Tyres for trucks,
buses, trolley-buses

Forward

Forward Traction 75



For trucks, buses,
trolley-buses

Tyre size	12.00R20
Standard description	TS 38.304-092
Tyre pattern	Universal
Ply rating	18
Tyre weight, not more, kg	74.95
Load bearing capacity index	O-154/C-149
Recommended rim	8.5-20; (9.0-20)
Exterior diameter, mm	1122±1.5%
Section width, mm, not more	324
Static radius, mm	526±1.5%
$Q_{\max}$ kgf / Q_{ec}	O-3750; C-3250
P_o , at $Q_{\max}$, kgf/sm ² / P at Q_{ec}	8.7
$V_{\max}$ km/h	100
Design	TT
Use	KamAZ-6520; Iveco-330-30; MAZ-63170, 63030, Ural- 6364, 6365, 6385; KrAZ-6510, 65055, 65032.

Tyres for trucks,
buses, trolley-buses

ВН-243



Tyre size	12.00-20		
Standard description	GOST 5513		
Tyre pattern	Universal		
Ply rating	14	16	18
Tyre weight, not more, kg	58.25	67.45	68.25
Load bearing capacity index	O-140/ C-143	O-150/ C-146	O-154/ C-149
Recommended rim	8.5-20; (9.0-20)		
Exterior diameter, mm	1120±1.5%	1140±11	1140±11
Section width, mm, not more	312	315	315
Static radius, mm	529±1.5%	537±5	537±5
Q_{max} kgf	O-3000; C-2725	O-3350; C-3000	O-3750; C-3250
P_o , at Q_{max} kgf/sm ²	5.6	6.9	7.9
V_{max} km/h	85		
Design	TT		
Use	MAZ-509A, 5454, 5429, KrAZ-2756-1, 643701 and their modifications; MAZ, KrAZ with the lifting capacity of 7-12 t; Trolley-buses ZiU-5 and ZiU-9.		

Tyres for trucks, buses, trolley-buses

ИД-304



For trucks, buses,
trolley-buses

Tyre size	12.00R20		
Standard description	GOST 5513		
Tyre pattern	Universal		
Ply rating	14	16	18
Tyre weight, not more, kg	74.5	73.35	75.15
Load bearing capacity index	O-146/ C-143	O-150/ C-146	O-154/ C-149
Recommended rim	8.5-20; (9.0-20)		
Exterior diameter, mm	1122±1.5%		
Section width, mm, not more	313		
Static radius, mm	526±1.5%		
Q_{max} kgf	O-3000; C-2725	O-3350; C-3000	O-3750; C-3250
P_o at Q_{max} kgf/sm ²	7.1	7.7	8.7
V_{max} km/h	100		
Design	TT		
Use	MAZ, KrAZ, truck trailers, trolley-buses ZiU-6835, ZiU- 68213, ZiU-913.		

Tyres for trucks, buses, trolley-buses

I-332



Tyre size	12.00R20
Standard description	TS 38.304-097
Tyre pattern	Road
Ply rating	18
Tyre weight, not more, kg	74.45
Load bearing capacity index	O-154/C-149
Recommended rim	8.5-20; (9.0-20)
Exterior diameter, mm	1122±1.5%
Section width, mm, not more	325
Static radius, mm	526±1.5%
$Q_{\max}$ kgf	O-3750; C-3250
P_o , at $Q_{\max}$, kgf/sm ²	8.7
$V_{\max}$ km/h	100
Design	TT
Use	MAZ, KrAZ and trailing equipment to them, articulated trolley-buses to them ZIU-683B and ZIU-682B.

Tyres for trucks, buses, trolley-buses

NORTEC

NorTec TR 93

M-93



For trucks, buses,
trolley-buses

Tyre size	12.00-20
Standard description	GOST 13298
Tyre pattern	Cross country
Ply rating	8
Tyre weight, not more, kg	67.3
Load bearing capacity index	129
Recommended rim	514-228 (228G-508)
Exterior diameter, mm	1142±8
Section width, mm, not more	335
Static radius, mm	530±5
Q_{max} kgf	1850
P_o , at Q_{max} , kgf/sm ²	3.0
V_{max} km/h	80
Design	TT
Use	ZIL-131, ZIL-137

Tyres for trucks,
buses, trolley-buses

Forward

Forward Traction 168



Tyre size	11.00R20
Standard description	TS 38.304-091
Tyre pattern	Universal
Ply rating	16
Tyre weight, not more, kg	60.15
Load bearing capacity index	O-150/C-146
Recommended rim	8.0-20; (8.5-20)
Exterior diameter, mm	1082±1.5%
Section width, mm, not more	286
Static radius, mm	505±1.5%
$Q_{\max}$ kgf	O-3350; C-3000
P_o , at $Q_{\max}$ kgf/sm ²	8.4
$V_{\max}$ km/h	110
Design	TT
Use	KamAZ-65115, 65116, 65117; MAZ-64229, 5432, 5336, 6303; KrAZ-5133, 64431.

Tyres for trucks,
buses, trolley-buses

Forward

Forward Traction 310



For trucks, buses,
trolley-buses

Tyre size	11.00R20
Standard description	TS 38.304-091
Tyre pattern	Universal
Ply rating	16
Tyre weight, not more, kg	60.15
Load bearing capacity index	O-150/C-146
Recommended rim	8.0-20; (8.5-20)
Exterior diameter, mm	1082±1.5%
Section width, mm, not more	288
Static radius, mm	505±1.5%
$Q_{\max}$ kgf	O-3350; C-3000
P_o , at $Q_{\max}$, kgf/sm ²	8.4
$V_{\max}$ km/h	110
Design	TT
Use	KamAZ-5308, 65115, 6540; MAZ, KrAZ, analogues of foreign manufacture*

*With observation of load and speed characteristics

Tyres for trucks, buses, trolley-buses

I-111A



Tyre size	11.00R20
Standard description	GOST 5513
Tyre pattern	Road
Ply rating	16
Tyre weight, not more, kg	60.15
Load bearing capacity index	O-150/C-146
Recommended rim	8.0-20; (8.5-20)
Exterior diameter, mm	1082±1.5%
Section width, mm, not more	286
Static radius, mm	505±1.5%
Q_{max} kgf	O-3350; C-3000
P_o , at Q_{max} kgf/sm ²	8.4
V_{max} km/h	110
Design	TT
Use	Skoda and its modifications, Tatra-1-148, trolley-bus 9TR, buses of brand Ikarus-180, Ikarus-250.

Tyres for trucks, buses, trolley-buses

Forward

Forward Traction И-281



For trucks, buses,
trolley-buses

Tyre size	10.00R20
Standard description	GOST 5513
Tyre pattern	Universal
Ply rating	16
Tyre weight, not more, kg	59.3
Load bearing capacity index	O-146/C-143
Recommended rim	7.5-20; (7.0-20; 8.0-20)
Exterior diameter, mm	1052±1.5%
Section width, mm, not more	275
Static radius, mm	491±1.5%
$Q_{\max}$ kgf	O-3000; C-2725
P_o , at $Q_{\max}$, kgf/sm ²	8.2
$V_{\max}$ km/h	110
Design	TT
Use	Vehicles KamAZ

Tyres for trucks,
buses, trolley-buses

Forward

Forward Traction 310



Tyre size	10.00R20
Standard description	GOST 5513
Tyre pattern	Universal
Ply rating	16
Tyre weight, not more, kg	59.1
Load bearing capacity index	O-146/C-143
Recommended rim	7.5-20; (7.0-20; 8.0-20)
Exterior diameter, mm	1052±1.5%
Section width, mm, not more	275
Static radius, mm	491±1.5%
$Q_{\max}$ kgf	O-3000; C-2725
P_o , at $Q_{\max}$ kgf/sm ²	8.2
$V_{\max}$ km/h	110
Design	TT
Use	Vehicles KamAZ

Tyres for trucks, buses, trolley-buses

0И-73Б



For trucks, buses,
trolley-buses

Tyre size	10.00R20
Standard description	GOST 5513
Tyre pattern	Road
Ply rating	16
Tyre weight, not more, kg	56.7
Load bearing capacity index	O-146/C-143
Recommended rim	7.5-20; (7.0-20; 8.0-20)
Exterior diameter, mm	1052±1.5%
Section width, mm, not more	275
Static radius, mm	491±1.5%
$Q_{\max}$ kgf	O-3000; C-2725
P_o , at $Q_{\max}$, kgf/sm ²	8.2
$V_{\max}$ km/h	110
Design	TT
Use	Buses LiAZ, LAZ.

Tyres for trucks, buses, trolley-buses

O-40БМ



Tyre size	9.00R20
Standard description	GOST 5513
Tyre pattern	Universal
Ply rating	12
Tyre weight, not more, kg	45.9
Load bearing capacity index	O-136/C-133
Recommended rim	7.0-20; (6.5-20)
Exterior diameter, mm	1018±1.5%
Section width, mm, not more	258
Static radius, mm	475±1.5%
$Q_{\max}$ kgf	O-2240; C-2060
P_o , at $Q_{\max}$ kgf/sm ²	6.4
$V_{\max}$ km/h	100
Design	TT
Use	KamAZ, ZIL, their modifications, truck trailers.

Tyres for trucks, buses, trolley-buses

Forward

И-Н142Б



For trucks, buses,
trolley-buses

Tyre size	9.00R20	
Standard description	GOST 5513	
Tyre pattern	Universal	
Ply rating	12	14
Tyre weight, not more, kg	47.0	50.3
Load bearing capacity index	136/133	140/137
Recommended rim	7.0-20; (6.5-20)	
Exterior diameter, mm	1018±1.5%	
Section width, mm, not more	258	
Static radius, mm	475±1.5%	
$Q_{\max}$ kgf	O-2240 C-2060	O-2500 C-2300
P_o , at $Q_{\max}$, kgf/sm ²	6.4	7.4
$V_{\max}$ km/h	100	110
Design	TT	
Use	KamAZ, ZIL, their modifications, truck trailers.	ZIL 4314, 4341 133ТЯ, KamAZ.

Tyres for trucks, buses, trolley-buses

КМ-63



Tyre size	8.25R20	
Standard description	GOST 5513	
Tyre pattern	Universal	
Ply rating	10	12
Tyre weight, not more, kg	37.9	37.9
Load bearing capacity index	O-125/C-133	O-125/C-133
Recommended rim	6.5-20; (6.0-20)	
Exterior diameter, mm	962±1.5%	
Section width, mm, not more	230	
Static radius, mm	453±1.5%	
Q_{max} kgf	O-1650 C-1500	O-1900 C-1800
P_o , at Q_{max} kgf/sm ²	5.0	6.1
V_{max} km/h	100	110
Design	TT	
Use	GAZ-53 and its modifications, buses PAZ.	PAZ-3205 GAZ-53.

Tyres for trucks, buses, trolley-buses

K-84



For trucks, buses,
trolley-buses

Tyre size	8.25R20	
Standard description	GOST 5513	
Tyre pattern	Universal	
Ply rating	10	12
Tyre weight, not more, kg	37.9	
Load bearing capacity index	O-125/C-122	O-130/C-128
Recommended rim	6.5-20; (6.0-20)	
Exterior diameter, mm	962±1.5%	
Section width, mm, not more	230	
Static radius, mm	453±1.5%	
$Q_{\max}$ kgf	O-1650 C-1500	O-1900 C-1800
P_o , at $Q_{\max}$, kgf/sm ²	5.0	6.1
$V_{\max}$ km/h	100	110
Design	TT	
Use	GAZ-3307, 5312, GAZ-672, 3203 and their modifications, KavZ and its modifications.	GAZ-53 and their modifications.

Tyres for trucks, buses, trolley-buses



Алтайшина 111



Tyre size	8.25R20
Standard description	TS 38.304-090
Tyre pattern	Universal
Ply rating	10
Tyre weight, not more, kg	37.3
Load bearing capacity index	O-125/C-133
Recommended rim	6.5-20; (6.0-20)
Exterior diameter, mm	962±1.5%
Section width, mm, not more	230
Static radius, mm	453±1.5%
$Q_{\max}$ kgf	O-1650; C-1500
P_o , at $Q_{\max}$ kgf/sm ²	5.0
$V_{\max}$ km/h	100
Design	TT
Use	GAZ-53A, 3307, 3309; PAZ-3205, 32051, 4230, 4234; KavZ-3976, 39765, 4230.

Tyres for trucks, buses, trolley-buses



Алтайшина 79



For trucks, buses,
trolley-buses

Tyre size	8.25R20	
Standard description	TS 38.304-090	
Tyre pattern	Road	
Ply rating	12	14
Tyre weight, not more, kg	37.8	39.4
Load bearing capacity index	O-130/C-128	O-133/C-131
Recommended rim	6.5-20; (6.0-20)	
Exterior diameter, mm	962±1.5%	
Section width, mm, not more	230	
Static radius, mm	453±1.5%	
$Q_{\max}$ kgf	O-1900 C-1800	O-2060 C-1950
P_o , at $Q_{\max}$ kgf/sm ²	6.1	6.9
$V_{\max}$ km/h	110	
Design	TT	
Use	GAZ-3307, 3309; PAZ-3205, 4230, 4234; KavZ-3976, 4238.	

Supernumerary automobile tubes

Designation of tube	Designation of tyres, including tubeless related to tube type	Double thickness of tube wall, mm, not less
Truck		
1200*400-533	1200*400-533 425/85R21	7.0(tread) 8.0 (band)
1200*500-508	500/70-508	7.0(tread) 8.5(band)
14.00-20	14.00-20	6.0(tread) 7.0(band)
12.00-20	12.00R20 12.00-20	6.0
11.00-20	11.00R20	6.0
10.00-20	10.00R20	6.0
9.00-20	9.00R20	4.5
8.25-20	8.25R20	4.0
16.00-24	16.00-24 mod. F1 140	5.0

Agricultural and for special technique		
28.1-26	28.1-26 mod. ФД-12Д	4.5
21.3-24	21.3-24 mod. ИЯВ-79 18.4-24	4.5
13.6-38	13.6-38 mod. Я-166 15.5-38 mod.Ф-2АД	4.5
9.5-32	9.5-32 mod. В-110	4.5
11.2-20	11.2-20 mod.Ф-35	3.5
8.3-20	8.3-20 mod. В-105А	3.8
7.50-20	7.50-20 mod. В-103 9.00-20 Altaishina 45	3.8
16.5-18	16.5-18 mod. КФ-97	5.0
12-16	12-16 mod. Л-163 12.4L- 16 mm Nortec TS-07; 13.0/75- 16 mm Nortec IM-06	4.0
9.00-16	260/95-16 (9.00-16) mod. Я-324А, F AC-8	4.5
6.50-16	6.50-16 mod. Я-275А	3.0
5.00-10	5.00-10 mod. В -19А	2.5
6-12	6L-12 Altaishina 421	3.2
9.5-42	9.5-42 Altaishina 183	4.5
15.5-18/ 16.5-18	16.5/70-18 КФ-97 15.5/16.5-18 КФ-105А	5.0

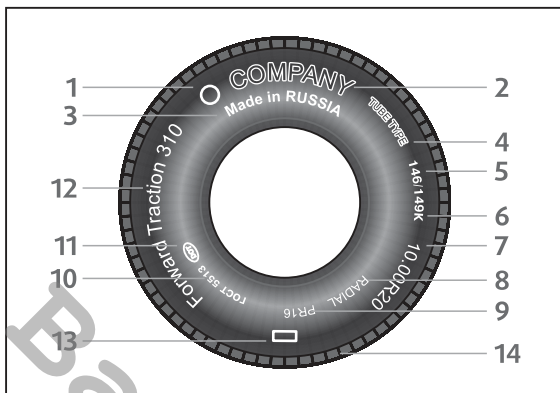
Supernumerary automobile tubes

Designation of tube	Designation of tyres, including tubeless related to tube type	Double thickness of tube wall, mm, not less
Passenger, light truck		
6.95-16	195R16C 175/80R16C 185/75R16C 225/75R16 175/80R16 175/80-16C 175R16C	3.0
6.50-16	225/75R16C 225/75R16 195R16C 175R16C	3.0
8.40-15	225/75R16C 225/75R16 235/75R15 225/85R15C 31*10.5-15LT 215/90-15C	3.0
7.35-14	205/70R15 205/65R15 195/65R15 205/70R14	3.0
YK-13M	175-13/6.95-13 175/70R13 165-13/6.45-13 155-13/6.15-13 6.40-13C	2.0

Rim strips

Designation of rim strip	Designation of tyre	Designation of legal requirements	Dimensions of rim strip
300-508	14.00-20	GOST 13298 TS 38.304-108	Dimensions get determined by a press form
7.7-20	12.00-20, 10.00R20, 11.00R20, 12.00R20	TS 38.304-092 TS 38.304-091 GOST 5513 TS 38.304-097 TS 38.304-068	
6.7-20	8.25R20, 9.00R20	GOST 5513	
9.00-16	260/95-16 (9.00-16)	GOST 7463, TS 38.10497 with changes 1-9	
12-16	12-16	TS 104144-89	
16.5-18	16.5/70-18	TS 38.304-089	
16.5-18	15.5/65-18	TS 38.304-110	
205-457	12.00-18	GOST 13298	

Marking of automobile tyres



- | | |
|-----------------------------------|---------------------------------------|
| 1 – Trademark, logotype | 8 – indication of construction |
| 2 – commercial name | 9 – ply rating |
| 3 – country of manufacture | 10 – indication of legal requirements |
| 4 – tube type | 11 – sign of official statement |
| 5 – load bearing capacity index | 12 – designation of tyre model |
| 6 – speed index | 13 – date of manufacture |
| 7 – designation of tyre dimension | 14 – indicator of wear-out (twi or Δ) |

Figures in marking of diagonal tyre
(for example, 6.15-13/155-13) mean:

- 6.15** – nominal section width in inches;
- 13** – diameter at rim seat in inches;
- 155** – nominal section width in mm;

Figures and letters in marking of radial tyre (for example, Forward Traction 310.10.00R20 146/143K Radial Tube type) mean:

- 10.00** – section width (in inches);
- Forward Traction 310** – model;
- 20** – nominal diameter at rim seat (in inches);
- Tube type** – tube design of tyre;
- 146/143** – load bearing capacity index for single and dual wheels;
- K** – index of speed category of tyre (max admissible speed of automobile run in km/h).

Radial – radial tyre;

All seasons – all-season tyre;

Maximum load – maximum load;

Maximum pressure – maximum pressure corresponding to maximum load. Load is indicated in pounds (LBS), and pressure – in pounds upon square inch (PSI) for tyre in “cold” state (1 LBS=0.4536 kg, 1PSI= 0.0069 MPa).

TUBE TYPE or TT – (in German MIT SCHLAUCH) – designation for tube type tyres;

TUBELESS or TL – designation for tubeless tyres;

PR (PLY RATING) – endurance (load bearing capacity) of carcass is estimated conventionally by so called ply rating. For passenger cars, they use tyres with ply rating 4PR, and sometimes 6PR, in this case the latter have an inscription “Reinforced”, i.e. “reinforced” tyre of elevated load bearing capacity.

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