



Nokian TRI 2 540/80R38 – T445338

Product code	Size	LI/SS	Rim TW profile may replace DW	Permitted rims	Width		Diameter		Loaded static radius		Rolling circumference		Speed Radius Index SRI	Maximum inflation pressure		Load capacity kg / lbs								Total tread depth		Tread depth measured on top of tie-bar	
					mm	in	mm	in	mm	in	mm	in		mm	in	kPa	psi	30 km/h	20 mph	40 km/h	25 mph	50 km/h	30 mph	65 km/h	40 mph	mm	32 nds in
T445338	540/80R38	167 D	DW18L	DW16L	550	21.7	1 829	72.0	834	32.8	5 529	217.7	875	320	46	6 600	14 550	6 300	13 890	5 940	13 095	5 450	12 015	30	38	25	32

LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

Constant		0.8 bar	12 psi	1.2 bar	17 psi	1.6 bar	23 psi	2.0 bar	29 psi	2.4 bar	35 psi	3.2 bar	46 psi
km/h	mph	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs
0	0	5 440	11 995	6 900	15 210	8 400	18 520	10 100	22 265	11 500	25 355	14 500	31 965
5	2.5	3 440	7 585	4 360	9 610	5 300	11 685	6 350	14 000	7 250	15 985	9 150	20 170
10	5	2 950	6 505	3 760	8 290	4 580	10 095	5 480	12 080	6 250	13 780	7 900	17 415
15	10	2 670	5 885	3 400	7 495	4 140	9 125	4 960	10 935	5 660	12 480	7 150	15 765
20	12.5	2 580	5 690	3 280	7 230	3 980	8 775	4 780	10 540	5 460	12 035	6 900	15 210
25	15	2 510	5 535	3 180	7 010	3 880	8 555	4 640	10 230	5 300	11 685	6 700	14 770
30	20	2 460	5 425	3 120	6 880	3 800	8 375	4 560	10 055	5 200	11 465	6 600	14 550
35	22.5	2 410	5 315	3 060	6 745	3 740	8 245	4 480	9 875	5 100	11 245	6 450	14 220
40	25	2 360	5 205	3 000	6 615	3 650	8 045	4 375	9 645	5 000	11 025	6 300	13 890
45	28	-	-	2 910	6 415	3 560	7 850	4 260	9 390	4 860	10 715	6 150	13 560
50	30	-	-	2 820	6 215	3 440	7 585	4 120	9 085	4 700	10 360	5 940	13 095
65	40	-	-	2 650	5 840	3 150	6 945	3 875	8 545	4 375	9 645	5 450	12 015

LIQUID AND SALT BALLASTING

Tire volume 100%		Water filling (75%)		Water / salt filling (75% / -30°C / -22°F)					
				Water		Salt (CaCl ₂)		Total weight increase	
l	gal (US)	l	gal (US)	l	gal (US)	kg	lbs	kg	lbs
740	196	555	147	455	120	232	510	688	1 515

TUBES AND VALVES

Valve tubeless	Tube product code	Valve tube-type
TR 618 A	T55445	TR 218A