



Nokian Forest King TRS 2 780/50-28.5 24PR – T445581

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

Product code	Size	LI/SS	PR	Pattern Forest King	Steel fortified	TT/TL	Rim	Permitted rims	Width		Diameter		Loaded static radius		Rolling circumference		Inflation pressure for load capacity calculation		Max. Inflation pressure		Total tread depth		Tread depth measured on top of tie-bar	
									mm	in	mm	in	mm	in	mm	in	kPa	psi	kPa	psi	mm	32 nds in	mm	32 nds in
T445581	780/50-28.5	182 A8 / 190 A2	24	TRS 2	SF	TT	AG 26.00		780	30.7	1 525	60	691	27.2	4 611	181.5	600	87	600	87	49	62	-	-

LOAD CAPACITY VALUES FOR FORESTRY USE

Inflation Pressure		Road 40 km/h / 25 mph		Road 30 km/h / 20 mph		Road 20 km/h / 12.5 mph		Forestry service (LT) 10 km/h / 5 mph	
kPa	psi	kg	lbs	kg	lbs	kg	lbs	kg	lbs
160	23	3 550	7 825	3 800	8 375	4 370	9 635	4 375	9 645
200	29	4 125	9 095	4 410	9 720	5 070	11 175	5 000	11 025
240	35	4 500	9 920	4 820	10 625	5 540	12 215	5 600	12 345
280	41	5 000	11 025	5 350	11 795	6 150	13 560	6 150	13 560
320	46	5 300	11 685	5 670	12 500	6 520	14 375	6 500	14 330
360	52	5 600	12 345	5 990	13 205	6 890	15 190	6 900	15 210
400	58	6 000	13 230	6 420	14 155	7 380	16 270	7 300	16 095
450	65	6 700	14 770	7 170	15 805	8 240	18 165	8 250	18 190
500	73	7 300	16 095	7 810	17 220	8 980	19 795	9 000	19 840
550	80	8 000	17 635	8 560	18 870	9 840	21 695	9 750	21 495
600	87	8 500	18 740	9 100	20 060	10 460	23 060	10 600	23 370

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
675	180	505	135	470	125	210	465	680	1 500

TUBES AND VALVES

USE ALWAYS WITH TUBE

Tube product code	Valve tube-type
T545543	TR 218 A

Maximum inflation pressure 600 kPa.