

BRAND	NO INSERT	TANNUS			
Product	—	Armour Tubeless			
Size	—	27.5" x 2.1-2.6"	27.5" x 2.1-2.6"	27.5" x 2.25-2.6"	584 x (55~65)
Weight	—	150g	250g	76g	80g
Image					

Rolling Resistance



Rolling resistance, sometimes called rolling friction or rolling drag, is the force resisting the motion when a tire rolls on a surface.
Lower rolling resistance is better.

Photo	PSI	No Insert		Tannus							
		20km/h	30km/h	20km/h	30km/h	20km/h	30km/h	20km/h	30km/h	20km/h	30km/h
	40	29 w	48 w	28 w	46 w	27 w	45 w	28 w	47 w	28 w	47 w
	30	30 w	51 w	29 w	49 w	29 w	48 w	29 w	50 w	30 w	49 w
	20	39 w	57 w	36 w	58 w	36 w	59 w	37 w	60 w	37 w	59 w
	10	55 w	90 w	53 w	87 w	53 w	87 w	53 w	90 w	53 w	90 w

Vibration

Shows the vibration value of tire delivered to the machine during rolling resistance test.
The lower the test result, the smaller the vibration.

Photo	PSI	No Insert		Tannus							
		20km/h	30km/h	20km/h	30km/h	20km/h	30km/h	20km/h	30km/h	20km/h	30km/h
	40	198 µm	244 µm	107 µm	153 µm	164 µm	247 µm	207 µm	215 µm	116 µm	187 µm
	30	119 µm	174 µm	90 µm	127 µm	154 µm	176 µm	111 µm	149 µm	101 µm	141 µm
	20	86 µm	97 µm	81 µm	110 µm	114 µm	153 µm	110 µm	130 µm	80 µm	113 µm
	10	40 µm	38 µm	38 µm	55 µm	42 µm	59 µm	16 µm	10 µm	38 µm	47 µm

Rim Off



This test checks how much force (cornering and side impact) applied to the side of the tire when the insert is inserted.
The higher the test result, the better.

Photo	PSI	No Insert	Tannus			
	30	67 kgf	115 kgf	114 kgf	82 kgf	95 kgf

Shock Absorption



This test calculates the amount of impact the shock sensor receives at the bottom of the tester by dropping the impact weight at 1 meter height. By inserting the insert pieces on top of the sensor, you can see how much impact the insert absorbs.
The lower the test result, the better the shock absorption.

Photo	No Insert	Tannus			
	Height: 1meter Weight: 5kg 278 kgf	135 kgf	131 kgf	248 kgf	227 kgf