

# DESIGNED TO ADAPT TO YOUR MINESITE

## EFFICIENCY AND EXTENSION

Bridgestone MasterCore is the latest mining tire designed with smart technology inside for hard work outside. Innovative core technology and proprietary design improvements allow these tires to work overtime for enhanced performance. With increased flexibility, these tires can be customized to meet the needs of any site so you can **move more with less**.



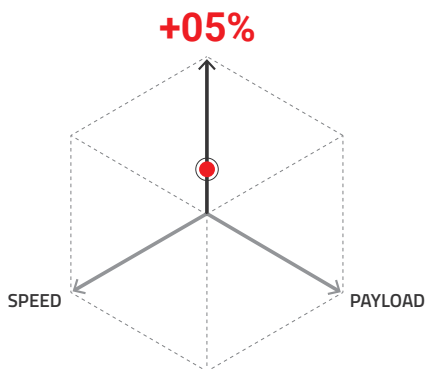
MASTERCORE VZTB

V-STEEL Z-TRACTION BEYOND | E-4

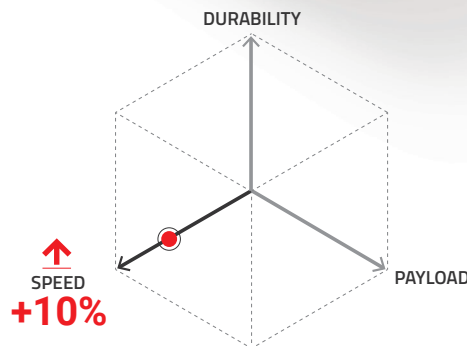


New sizes coming soon

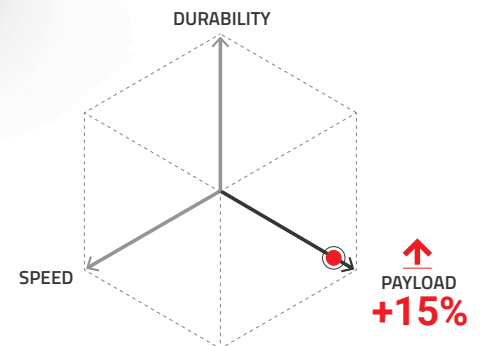
46/90R57



OR



OR



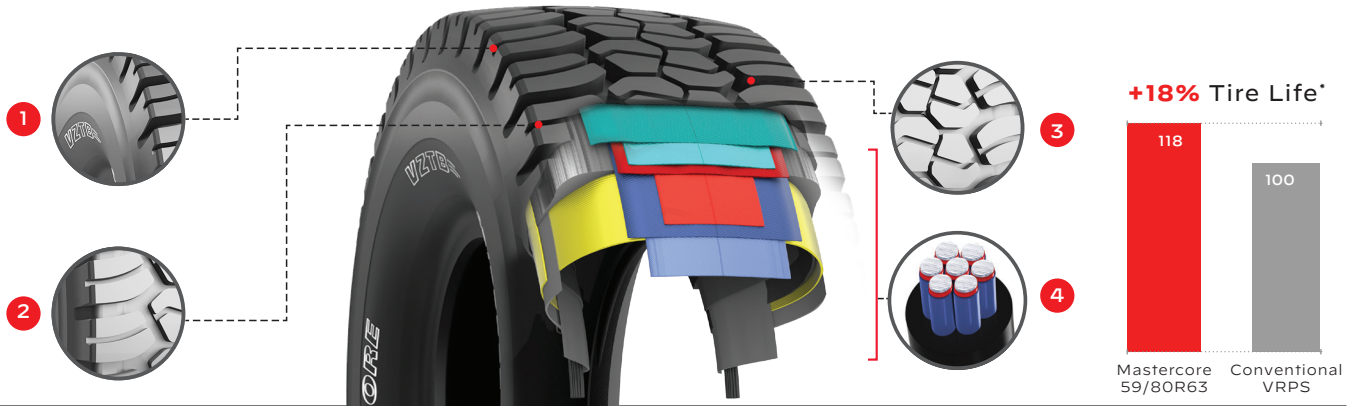
Discover up to **5% more durability**, **10% faster speeds**, or **15% greater payloads**. MasterCore's flexibility is made possible by new compounds and a revolutionary steel cord with new anti-rust and adhesion coatings.

Comparison based on conventional Bridgestone VRPS vs Bridgestone MasterCore VRPS and conventional Bridgestone VRF vs Bridgestone MasterCore VRF when same size apply from field data and internal testing. Tire wear may increase when maximum speed or payload capacity is increased. Results may vary.



# SPECIAL FEATURES

## BRIDGESTONE MASTERCORE VZTB



### 1. OPTIMIZED SHOULDER GAUGE

Improved belt durability.

### 2. INNOVATIVE PATTERN DESIGN

Provides **18% more tire life\***, maximum traction and increased airflow, thus reducing temperature and extending life.

### 3. FULL WIDTH GROOVES WITH OPEN AREAS

Aid traction and increased material ejection for superior grip.

### 4. PROPRIETARY CASING

Comprised of new compounds and a revolutionary steel cord with new anti-rust and adhesion coatings.

	SIZE	PLY/STAR RATING	COMPOUND/CONSTRUCTION	TRA/APPLICATION	ARTICLE #	TMPH/TKPH	AVERAGE WEIGHT (lbs/kgs)	OTD (32NDS/MM)	OVERALL DIAMETER (IN/MM)	OVERALL WIDTH (IN/MM)
	46/90R57	2*	E1A	E-4	11397	729 1,065	8,251 3,743	115 91.5	140.9 3,580	45.1 1,145
	46/90R57	2*	E2A	E-4	11396	600 876	8,296 3,763	115 91.5	140.9 3,580	45.1 1,145
	46/90R57	2*	E3A	E-4	11399	866 1,265	8,232 3,734	115 91.5	140.9 3,580	45.1 1,145
NEW	53/80R63	2*	E1A	E-4	012109	925 1,350	10,368 4,703	130 104.0	150.2 3,814	51.6 1,311
	53/80R63	2*	E2A	E-4	012110	783 1,143	10,368 4,703	130 104.0	150.2 3,814	51.6 1,311
	53/80R63	2*	E3A	E-4	012111	1,114 1,626	10,368 4,703	130 104.0	150.2 3,814	51.6 1,311
COMING SOON	59/80R63*	2*	E1A	E-4	012115	1,370 2,000	12,280 5,570	137.1 109.0	158.0 4,017	58.4 1,483
	59/80R63*	2*	E3A	E-4	012116	1,603 2,340	12,280 5,570	137.1 109.0	158.0 4,017	58.4 1,483

CONVENTIONAL VRPS OR VZPT VS MASTERCORE VZTB LOAD CAPACITY (lbs/kgs) | BASED ON COLD INFLATION

	SIZE	RECOMMENDED RIM / FLANGE	TIRE	kPa PSI	550	575	600	625	650	675	700
					80	83	87	91	94	98	102
NEW	46/90R57	29.00/6.0 (32.00/6.0)	Conventional	lbs kgs	117,000 53,000	120,000 54,500	123,500 56,000	128,000 58,000	132,500 60,000	135,500 61,500	139,000 63,000
			MasterCore	lbs kgs	132,500 60,000	139,000 63,000	143,500 65,000	147,500 67,000	152,000 69,000	156,500 71,000	161,000 73,000
NEW	53/80R63	36.00/5.0 (38.00/5.0)	Conventional	lbs kgs	152,000 69,000	156,500 71,000	165,500 75,000	171,000 77,500	176,500 80,000	176,500 80,000	182,000 82,500
			MasterCore	lbs kgs	176,500 80,000	182,000 82,500	187,500 85,000	193,000 87,500	198,500 90,000	204,000 92,500	209,500 95,000
COMING SOON	59/80R63*	41.00/5.0	Conventional	lbs kgs	179,900 82,000	185,200 84,000	190,500 86,000	195,750 89,000	201,050 91,000	206,350 94,000	211,650 96,000
			MasterCore	lbs kgs	206,350 94,000	211,650 96,000	218,500 99,000	225,000 102,000	231,500 105,000	238,000 108,000	242,500 110,000
	59/80R63*	44.00/5.0	Conventional	lbs kgs	187,500 85,000	193,000 87,500	198,500 90,000	204,000 92,500	209,500 95,000	215,000 97,500	220,500 100,000
			MasterCore	lbs kgs	215,000 97,500	220,500 100,000	227,000 103,000	233,500 106,000	240,500 109,000	247,000 112,000	253,500 115,000

Please make sure you are running the appropriate Tire Load Limit, as these vary based on your operation. Contact your Bridgestone representative for additional support.



\*Comparison based on MasterCore VRPS vs. MasterCore VZTB 59/80R63 with the same size and compound, based on field data and internal testing. Results may vary based on speed, payload and other variables. Tire Life was calculated based on average life improvement based on a specific site. Results may vary.

