

MICHELIN® EARTHMOVER PRODUCT CATALOG



- CONSTRUCTION
- COMPACT EQUIPMENT
- MINING
- QUARRY
- SMALL INDUSTRIAL TIRES

JULY 2019 (NORTH AMERICA EDITION)



ACCORDING TO THE STANDARDIZED USAGE (ISO-ETRTO-TRA-JATMA*)

The four main categories of earthmover tire are defined by their use. The category to which it belongs is indicated on the sidewall of the tire.

This is an international classification:

- C** Compactor
- G** Grader
- E** Earthmoving
- L** Loader and bulldozer

* **ISO**: International Standard Organisation
ETRTO: European Tire and Rim Technical Organisation
TRA: Tire and Rim Association
JATMA: Japan Automobile Tire Manufacturers Association

Within these categories, there are different tread depths and special tread patterns, for very specific uses. These are identified by a number.

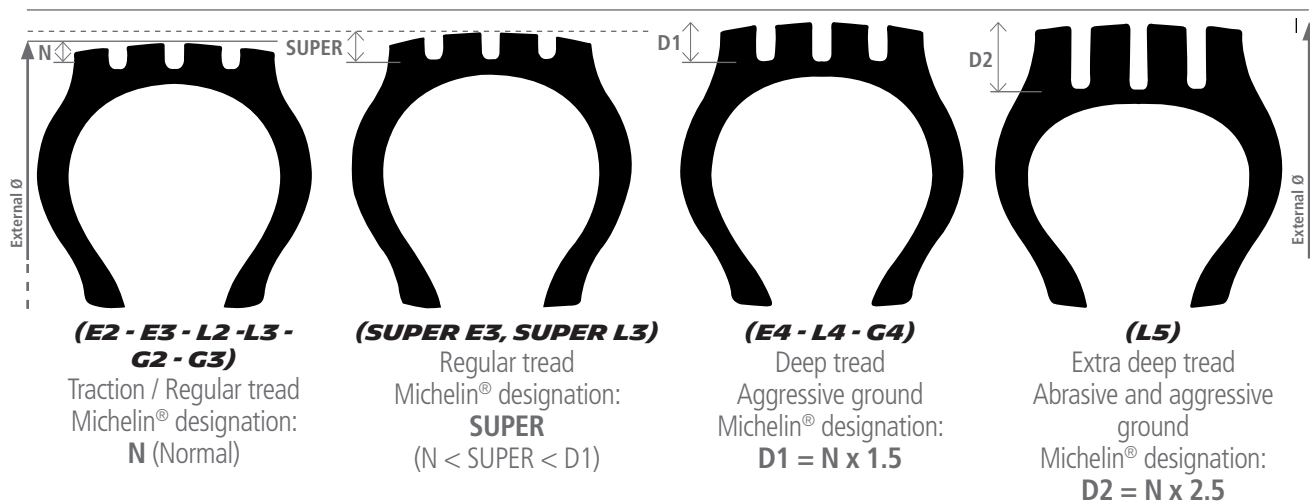
They must be chosen according to the type of ground and the tire's condition of use.

The letter "S" indicates a smooth tread; *example*: L-5S.

- 1** Ribbed (normal tread depth)
- 2** Traction (normal tread depth)
- 3** Normal (normal tread depth)
- 4** Deep (deep tread)
- 5** Flotation (normal tread)

ACCORDING TO THEIR TREAD DEPTHS

The tread depth 'SUPER, D1, D2' is sometimes indicated on the sidewall tire.



SUMMARY

CODE	TREAD PATTERN	APPLICATION
C1	SMOOTH	Compactor
E1	RIBBED	Transport
E2	TRACTION	
E3	ROCK	
E4	ROCK (deep tread)	
E7	FLOTATION	
G1	RIBBED	Grader
G2	TRACTION	
G3	ROCK	
G4	ROCK (deep tread)	
G5	ROCK (very-deep tread)	
L2	TRACTION	Loader Bulldozer
L3	ROCK	
L4	ROCK (deep tread)	
L5	ROCK (very-deep tread)	
L3S	SMOOTH	
L4S	SMOOTH (deep tread)	
L5S	SMOOTH (very-deep tread)	

In addition, Michelin® provides complementary identification to some earthmover tires:
T = Traction, R = Rock, V = speed, F = Flotation,
P = Multi purpose, S/R = Smooth/Rock
e.g.: L3T "Normal tread depth tire (L3; Standardized identification code) where traction is needed (T; Michelin® code)"

PRODUCT CATALOG

MICHELIN® EARTHMOVER SIZE CHARTS 2-3

LOADER/GRADER

XGLA2™	7
X SNOPLUS®	7
XTLA™	7
XHA® 2	8
XHA®	9
XLD® L3	9
XRDN™ A	9
XTXL®	9
XLD® D1	10
XLD® D2	10
X®TRA FLEXLIFE™	10
X MINE® D2	11

ADT/SCRAPER

XADN+®	12
XAD™ 65	12
X®-SUPER TERRAIN +	12
X®TRA FLEXLIFE™	12
X®TRA DEFEND™	13
XTS®	13
XRS™	13
XMS™	13

CRANE/TRANSPORT

X-CRANE AT®	14
X-CRANE +®	14
XGC®	14
XHD1™	15
XMH™ S	15
X SNOPLUS® 170E	15

RIGID DUMP TRUCKS

XHDT™	16
XVC™	16
X-HAUL® & X-HAUL® S	16
X-QUARRY® S & X-QUARRY®	17
XDT™	17
X-TRACTION™ S	17
X-TRACTION™	17
X®TRA LOADPROTECT™	17
X®TRA LOADGRIP™	18

XDR® 2	18
XDR® 2 S	18
XDR® 3	19
XDR® 250	20
XDR®	20
XDR® S	20
XDC®	20

UNDERGROUND

X MINE® D2	21
XSM® D2+	22
XSM® D2+ LC	22
XSM® DN+	22
XTXL®	23
XK®	23

INDUSTRIAL AND PORT

XZM™	24
XZM™ 2+	24
XZR™	25
X-STRADDLE® 2	25
X STACKER® 2	25
X-TERMINAL T™	26
X® LISSE COMPACTEUR™	26

COMPACT EQUIPMENT

XMCL®	27
BIBLOAD® HS	27
POWER CL	28
XM47	28
XM27	28
CROSSGRIP®	29
BIBSTEEL AT	29
BIBSTEEL HS	29
XF	30
POWER DIGGER	30

TWEEL

TWEEL® SSL™	31
TWEEL® TURF™	31
TWEEL® GOLF CART AND UTILITY VEHICLES	32
TWEEL® CASTER	32
TWEEL® UTV/ATV	32

MICHELIN® EARTHMOVER SIZE CHART

LOADER/GRADER				
	TREAD DESIGN	TRA CODE	TD 32NDS	TD MM
14.00R24	XGLA2™	G2,L2	32	25
	X SNOPLUS®	G2,L2	30	24
16.00R24	XGLA2™	G2,L2	34	27
15.5R25	XTLA™	G2,L2	33	26
	XHA®	L3	33	26
	X MINE® D2	L5	76	60
17.5R25	X SNOPLUS®	G2,L2	35	28
	XTLA™	G2,L2	35	28
	XHA® 2	L3	39	31
	XLD® D2	L5	79	63
	X MINE® D2	L5	82	65
20.5R25	X SNOPLUS®	G2,L2	39	31
	XTLA™	G2,L2	39	31
	XHA® 2	L3	42	33
	XLD® D2	L5	91	72
	X MINE® D2	L5	93	74
550/65R25	XLD® L3	L3	40	32
600/65R25	XLD® L3	L3	43	34
23.5R25	X SNOPLUS®	G2,L2	43	34
	XTLA™	G2,L2	43	34
	XHA® 2	L3	45	36
	XLD® D2	L5	97	77
	X MINE® D2	L5	105	83
650/65R25	XLD® L3	L3	47	37
26.5R25	XHA® 2	L3	52	41
	XTXL®	L4	68	54
	XLD® D2	L5	110	87
	X MINE® D2	L5	115	91
750/65R25	XLD® L3	L3	52	41
775/65R29	XHA® 2	L3	59	47
29.5R25	XHA® 2	L3	54	43
	XTXL®	L4	74	59
	XLD® D2	L5	120	95
	X®TRA FLEXLIFE™	E3/L3	60.5	48
	X MINE® D2	L5	126	100
800/65R29	XLD® L3	L3	61	48
875/65R29	XHA® 2	L3	62	49
	X®TRA FLEXLIFE™	E3/L3	59.2	47
29.5R29	XLD® D2	L5	120	95
	X MINE® D2	L5	126	100
35/65R33	XRDN™ A	L3	48	38
	XTXL®	L4	76	60
	XLD® D2	L5	122	97
	X MINE® D2	L5	126	100
45/65R39	XLD® D2	L5	145	115
	X MINE® D2	L5	146	116
45/65R45	XLD® D1	L4	90	71
	XLD® D2	L5	145	115
	X MINE® D2	L5	146	116
50/65R51	X MINE® D2 SR	L5	146	116
	X MINE® D2 HR	L5	146	116
55/80R57	X MINE® D2 HR	L5	150	119
	X MINE® D2 SR	L5	150	119
	X MINE® D2 LC	L5	150	119
60/80R57	X MINE® D2 SR	L5	149	118
	X MINE® D2	L5	149	118

ADT/SCRAPER				
	TREAD DESIGN	TRA CODE	TD 32NDS	TD MM
23.5R25	XADN+®	E3	48	38
	X®TRA DEFEND™	E4	68	54
26.5R25	XADN+®	E3	50	40
	X®-SUPER TERRAIN +	E4	67	53
	X®TRA DEFEND™	E4	75	60
29.5R25	XADN+®	E3	55	44
	X®TRA DEFEND™	E4	82	65
	X®TRA FLEXLIFE™	E3/L3	60.5	48
650/65R25	XAD™ 65	E3	50	40
750/65R25	XAD™ 65	E3	54	43
	X®TRA DEFEND™	E4	69	55
800/80R29	X®-SUPER TERRAIN +	E4	84	67
875/65R29	XAD™ 65	E3	64	51
	X®TRA DEFEND™	E4	75	60
	X®TRA FLEXLIFE™	E3/L3	59.2	47
29.5R29	XTS®	E3	54	43
33.25R29	XTS®	E3	57	45
29.5R35	XTS®	E3	57	45
37.25R35	XTS®	E3	59	47
	XRS™	E4	67	53
40.5/75R39	XMS™	E3	64	51

INDUSTRIAL AND PORT				
	TREAD DESIGN	TRA CODE	TD 32NDS	TD MM
5.00R8	XZM™	—	29	23
150/75R8	XZM™	—	20	16
180/70R8	XZM™	—	24	19
6.00R9	XZM™	—	30	24
	XZR™	—	13	10
200/75R9	XZM™	—	28	22
6.50R10	XZM™	—	34	27
	XZR™	—	14	11
225/75R10	XZM™	—	30	24
7.00R12	XZM™	—	35	28
	XZR™	—	14	11
250/60R12	XZM™	—	33	26
250/75R12	XZM™	—	35	28
7.00R15	XZM™	—	35	28
7.50R15	XZM™	—	38	30
	X® LISSE COMPACTEUR™	C1	11	9
8.25R15	XZM™	—	41	33
225/75R15	XZM™	—	31	25
250/70R15	XZM™	—	35	28
315/70R15	XZM™	—	44	35
355/65R15	XZM™	—	44	35
13/80R20	X® LISSE COMPACTEUR™	C1	15	12
9.00R20	XZM™	—	41	33
10.00R20	XZM™	—	44	35
11.00R20	XZM™	—	48	38
12.00R20	XZM™	—	50	40
280/75R22.5	X-TERMINAL T™	—	39	31
310/80R22.5	X-TERMINAL T™	—	38	30
12.00R24	XZM™	—	50	40
14.00R24	XZM™	—	79	63
15.00R24	X® LISSE COMPACTEUR™	C1	27	21
450/95R25	X-STRADDLE® 2	E3	63	50
16.00R25	XZM™	—	89	71
480/95R25	X-STRADDLE® 2	E3	63	50
18.00R25	XZM™ 2+	—	98	78
	X STACKER® 2	—	91	72
18.00R33	XZM™ 2+	—	98	78

MICHELIN® EARTHMOVER SIZE CHART

RIGID DUMP TRUCK				
	TREAD DESIGN	TRA CODE	TD 32NDS	TD MM
16.00R25	X-QUARRY®	E4	60	48
18.00R25	XHDT™	E4	59	47
18.00R33	XVC™	E2	33	26
	X-HAUL®	E4	62	49
	X-QUARRY® S	E4	78	62
	XDT™	E4	68	54
	X-TRACTION™	E4	78	62
21.00R33	X-HAUL® S	E4	67	53
	X-TRACTION™	E4	89	71
21.00R35	X-QUARRY® S	E4	84	67
	XDT™	E4	77	61
24.00R35	XVC™	E2	38	30
	X®TRA LOAD ^{PROTECT} ™	E4	88	70
	X®TRA LOAD ^{GRIP} ™	E4	92	73
27.00R49	XVC™	E2	42	33
	X-TRACTION™ S	E3	58	46
	X-TRACTION™	E4	102	81
	XDR® 2	E4	113	90
33.00R51	XDC®	E3	61	48
	XDT™	E4	110	87
	XDR® 2	E4	119	94
36.00R51	XDC®	E3	72	57
	XDR®	E4	121	96
37.00R57	XDR® 2	E4	129	102
40.00R57	XDC®	E3	79	63
	XDR® 2	E4	124	98
	XDR® 3	E4	124	98
50/80R57	XDR® 250	E4	118	94
50/90R57	XDR®	E4	135	107
	XDR® 3	E4	124	98
53/80R63	XDR® 2	E4	139	110
	XDR® 3	E4	139	110
56/80R63	XDR® S	E3	74	59
	XDR® 2	E4	139	110
59/80R63	XDR® 2 S	E3	91	72
	XDR® 2	E4	148	118
	XDR® 3	E4	139	110

CRANE/TRANSPORT				
	TREAD DESIGN	TRA CODE	TD 32NDS	TD MM
385/95R24	X-CRANE AT®	E2	28	22
	XMH™ S	E2	30	24
	X SNOPLUS® 170E	E2	30	24
385/95R25	X-CRANE +®	E2	29	23
	XMH™ S	E2	30	24
	X SNOPLUS® 170E	E2	32	25
14.00R25	XHD1™	E4	48	38
445/80R25	XGC®	E2	35	28
445/95R25	X-CRANE +®	E2	31	25
525/80R25	X-CRANE +®	E2	35	28
16.00R25	XHD1™	E4	54	43

UNDERGROUND				
	TREAD DESIGN	TRA CODE	TD 32NDS	TD MM
7.50R15	X MINE® D2	L5	58	46
8.25R15	X MINE® D2	L5	61	48
10.00R15	X MINE® D2	L5	61	48
14.5R15	X MINE® D2	L5	61	48
350/65R15	X MINE® D2	L5	45	36
400/80R15	X MINE® D2	L5	43	34
9.00R20	X MINE® D2	L5	64	51
12.00 R20	X MINE® D2	L5	72	57
14.00R20	X MINE® D2	L5	61	48
450/70R20	X MINE® D2	L5	47	37
12.00R24	X MINE® D2	L5	72	57
	XSM® D2+	L5S	72	57
	XK® A	E3	27	21
14.00R24	XSM® D2+	L5S	73	58
	XK® A	E3	30	24
	XK® D1 A	E4	47	37
15.5R25	X MINE® D2	L5	76	60
17.5R25	X MINE® D2	L5	82	65
	XSM® D2+	L5S	98	78
18.00R25	X MINE® D2	L5	103	82
	XSM® D2+	L5S	121	96
	XSM® D2+ LC	L5S	97	77
	XK® D1 A	E4	59	47
20.5R25	X MINE® D2	L5	93	74
21.00R25	XK® A	L3	42	33
23.5R25	X MINE® D2	L5	105	83
26.5R25	XSM® DN+	L3S	55	44
	XTXL®	E4,L4	68	54
	X MINE® D2	L5	115	91
	XSM® D2+	L5S	129	102
29.5R25	XTXL®	E4,L4	74	59
	X MINE® D2	L5	126	100
26.5R29	XSM® DN+	L3S	55	44
29.5R29	XTXL®	E4	79	63
	X MINE® D2	L5	126	100
	XSM® D2+	L5S	126	100
35/65R33	XSM® DN+	L3S	62	49
	XTXL®	E4,L4	76	60
	X MINE® D2	L5	117	93
	XSM® D2+	L5S	122	97

MICHELIN® EARTHMOVER SIZE CHART

COMPACT EQUIPMENT				
	TREAD DESIGN	MSPN	TD 32NDS	PLY RATING
10 R 16.5	BIBSTEEL AT	19038	25	12
	BIBSTEEL HS	38281	23	12
10.5/80-18	POWER CL	38882	33	10
10.5/80-20	POWER CL	28486	34	10
10.5/80R18	XMCL®	25391	35	10
10.5/80R20	XMCL®	32621	37	10
11LR16	XM27	13902	29	NA
12 R 16.5	BIBSTEEL AT	34034	29	14
	BIBSTEEL HS	84590	27	14
12.5/80-18	POWER CL	04967	30	12
12.5/80-20	POWER CL	56730	32	12
12.5/80R18	XMCL®	24643	38	12
	BIBLOAD® HS	66605	35	12
12.5/80R20	XMCL®	00733	37	12
	BIBLOAD® HS	23767	35	12
14 R 17.5	BIBSTEEL AT	17395	33	14
14.5/75R20	XMCL®	03424	42	12
15.5/80-24	POWER CL	53837	37	20
15.5/80R24	CROSSGRIP®	76135	33	20
16.0/70-20	POWER CL	18007	37	16
16.0/70-24	POWER CL	60752	37	20
16.0/70R18	XMCL®	39817	38	14
	BIBLOAD® HS	09464	37	14
16.0/70R20	XMCL®	02871	42	16
	BIBLOAD® HS	18143	37	16
	XM47	43043	35	NA
16.0/70R24	XMCL®	92225	42	16
16.0/80R28	CROSSGRIP®	38141	33	
16.5/75R20	XMCL®	19152	42	18
	XM47	75328	38	NA

COMPACT EQUIPMENT				
	TREAD DESIGN	MSPN	TD 32NDS	PLY RATING
16.9-24	POWER CL	56443	37	22
16.9-28	POWER CL	95541	37	18
16.9R24	XMCL®	34933	45	18
16.9R24	BIBLOAD® HS	23762	40	18
	CROSSGRIP®	74806	33	18
16.9R28	XMCL®	94482	45	18
	BIBLOAD® HS	49461	42	18
	CROSSGRIP®	52613	33	18
17.5 L 24	POWER CL	86617	37	18
	XMCL®	70333	45	18
	BIBLOAD® HS	27534	42	18
	XM47	45627	43	NA
17.5R24	CROSSGRIP®	11050	33	
18.4-26	POWER CL	32114	35	20
18.4R26	XMCL®	22312	45	20
	BIBLOAD® HS	46166	42	20
18R 19.5	XF	81617	23	NA
18R 22.5	XF	33819	25	NA
19.5 L 24	POWER CL	06567	37	20
19.5 LR 24	XMCL®	89582	45	20
	BIBLOAD® HS	19122	40	20
	XM47	88892	44	NA
21LR24	XMCL®	58268	48	20
	BIBLOAD® HS	34928	42	20
27x8.5 R 15	BIBSTEEL AT	20011	19	8
250/80R16	CROSSGRIP®	97221	21	
NA	POWER DIGGER®	03227	19	16

TWEEL				
	TREAD DESIGN	MSPN	TD 32NDS	PLY RATING
10N16.5	X® TWEEL® SSL™ ALL TERRAIN	37131	31/32NDS	NA
12N16.5	X® TWEEL® SSL™ ALL TERRAIN	34735	31/32NDS	NA
	X® TWEEL® SSL™ HARD SURFACE TRACTION	64828	48/32NDS	NA
	X® TWEEL® SSL™ ALL TERRAIN/2-PIECE HUB	76642	31/32NDS	NA
	X® TWEEL® SSL™ HARD SURFACE TRACTION/2-PIECE HUB	56289	48/32NDS	NA
	X® TWEEL® SSL™ ALL TERRAIN 2	07013	31/32NDS	NA
	X® TWEEL® SSL™ ALL TERRAIN HST 2	45604	8/32NDS	NA
13x6.5N6	X® TWEEL® TURF CASTER	24085	NA	NA
	X® TWEEL® TURF CASTER	52441	NA	NA
	X® TWEEL® TURF CASTER	41011	NA	NA
	X® TWEEL® TURF CASTER	05768	NA	NA
18x8.5N10	X® TWEEL® TURF™	78245	NA	NA
	X® TWEEL® TURF™ FOR GOLF CARTS	09653	NA	NA
	X® TWEEL® TURF™ FOR UTILITY VEHICLES	78245	NA	NA
24x12N12	X® TWEEL® TURF™	85532	NA	NA
	X® TWEEL® TURF™	85932	NA	NA
	X® TWEEL® TURF™	54411	NA	NA
26x12N12	X® TWEEL® TURF™	01674	NA	NA
	X® TWEEL® TURF™	60546	NA	NA
26x9N14	X® TWEEL® ATV	07195	NA	NA
	X® TWEEL® UTV	65631	NA	NA
	X® TWEEL® UTV	38483	NA	NA
	X® TWEEL® UTV	01638	NA	NA
	X® TWEEL® UTV	36384	NA	NA
	X® TWEEL® UTV	43096	NA	NA

NOTES

[illegible]

SAFETY PROCEDURES



SAFETY WARNING: To avoid serious injury

SMALL TIRES – LESS THAN 25"

- NEVER exceed maximum pressure rating of the wheel.
Specifically for industrial tires: Certain two-piece wheels are only capable of accepting a maximum pressure of 75 psi – consult wheel manufacturer. Serious injury or death may result from failure to follow Michelin specifications/recommendations for the tires.
- Follow proper tire mounting and dismounting procedures. Only specially trained and qualified persons should mount and dismount tires.
- Explosion of tire/rim assembly may result from welding or heating the rim without first removing the tire from the wheel.
- Tire failure may result from overloading or excessive speed.
- Always consult the MICHELIN® Earthmover or Industrial Tires Technical Data Books or other documentation if you are unsure of the recommended inflation pressure and proper safety procedures.



SAFETY WARNING: To avoid serious injury

LARGER TIRES – 25" AND GREATER

- Always properly secure the tire from falling or rolling to prevent personal injury and property damage. Serious injury or death may result from failure to follow Michelin specifications/recommendations for the tires.
- Maintain recommended inflation pressure. Under- and over-inflation can be dangerous to people and cause tire damage, improper vehicle handling and rapid, irregular wear.
- NEVER exceed maximum pressure rating of the wheel. Serious injury or death may result if maximum pressure is exceeded.
- Follow proper tire mounting and dismounting procedures. Only specially trained and qualified persons should mount and dismount tires.
- Explosion of tire/rim assembly may result from welding or heating the rim without first removing the tire from the wheel.
- Improper handling may cause irreparable damage to the tire.
- Always consult the MICHELIN® Earthmover or Industrial Tires Technical Data Books or other documentation if you are unsure of the recommended inflation pressure and proper safety procedures.

Shipping weights and tread depths subject to change without notice.

For questions, please contact your MICHELIN® Earthmover Sales Manager.

Michelin has specific recommended conditions for the storage, selection, mounting, inflation, pressure, use, monitoring and maintenance of its tires. The conditions stated by Michelin, shall be adhered to by the Customer. The Customer shall be under a duty to inform users and its own Customers of said conditions. Our Customers should also train their employees, who are involved in placing our products with the end users, about Michelin's tire recommendations and prohibit all repairs without first demounting the tire. If in doubt, we invite you to consult our technical documentation or one of our technicians, or ultimately, our website at: www.michelinearthmover.com.

LOADER/GRADER







The MICHELIN® L2/G2 Radial tire designed with aggressive, non-directional tread to give graders maximum traction.

- Excellent traction and grip
- Large contact patch for excellent handling
- Fewer flats*

*Compared to bias ply tires.

MICHELIN® XGLA2™




 Graders  Telescopic Handlers  Loaders  Rough-Terrain Forklifts		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	TUBELESS	14.00R24	G2, L2	—	★	32	25	257	15924
		16.00R24	G2, L2	—	★	34	27	371	45611



The all-season MICHELIN® Radial tire designed for use on graders and loaders where exceptional traction on snow and ice is required.

- All-season use with exceptional treadwear and traction
- Exceptional maneuverability on ice and snow
- Minimal chain usage

MICHELIN® X SNOPLUS®

 Graders  Loaders  Telescopic Handlers		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	TUBELESS	14.00R24	G2, L2	170E	★	30	24	277	53173
		17.5R25	G2, L2	—	★	35	28	298	99466
		20.5R25	G2, L2	—	★	39	31	440	62408
		23.5R25	G2, L2	—	★	43	34	639	74539







The MICHELIN® L2/G2 Radial tire designed to provide exceptional traction and long, even treadwear on loaders and graders.

- A large contact area with exceptional traction
- Long, even-wearing tread pattern
- Fewer flats*

*Compared to bias ply tires.

MICHELIN® XTLA™

 Graders  Telescopic Handlers  Loaders  Rough-Terrain Forklifts		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	TUBELESS	15.5R25	G2, L2	—	★	33	26	231	94687
		17.5R25	G2, L2	—	★	35	28	280	04118
		20.5R25	G2, L2	—	★	39	31	441	09122
		23.5R25	G2, L2	—	★	43	34	640	49977


LOADER/GRADER



The all-new MICHELIN® Radial loader tire with reinforced sidewall construction and deeper, patented tread design provides excellent damage resistance, enhanced traction and reduced vibration for construction and quarry applications.

- Great traction and flotation, excellent rock ejection, resistance to cuts
- Innovative sidewall compound consisting of increased rubber thickness in crown and sidewalls
- Redirects impact and the sidewall injury from vertical to horizontal growth of cuts and splits into the interior of the tire
- C2 technology dissipates heat away from the shoulder, resulting in a cool running tire

MICHELIN® XHA® 2

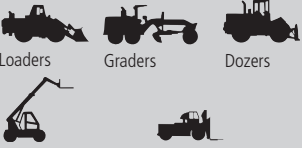
 Loaders Dozers Graders		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	TUBELESS	17.5R25	L3	176A2	★	39	31	309	48885
		20.5R25	L3	186A2	★	42	33	477	84298
		23.5R25	L3	195A2	★	45	36	666	65791
		26.5R25	L3	209A2	★★	52	41	917	65348
		29.5R25	L3	216A2	★★	54	43	1,206	82493
		775/65R29	L3	206A2	★	59	47	1,102	84326
		875/65R29	L3	214A2	★	62	49	1,347	32190



The versatile MICHELIN® L3 Radial tire designed for loaders, graders and other equipment used in construction, stockpile and truck-loading applications.

- Excellent traction
- Steel cord protection from flat tires
- Stable, comfortable ride

MICHELIN® XHA®

 Loaders Graders Dozers Telescopic Handlers Rough-Terrain Forklifts		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	TUBELESS	15.5R25	L3	—	★	33	26	251	25042



LOADER/GRADER



The technologically advanced, low-profile MICHELIN® Radial tire for small and medium loaders engineered to substantially increase productivity in moderately abrasive conditions.

- More bucket fill
- Increased ground contact for optimized traction
- Easy handling with quick starts and stops
- Extra stability and operator comfort

MICHELIN® XLD® L3



 Loaders  Graders		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	TUBELESS	550/65R25	L3	—	★	40	32	451	86785
		600/65R25	L3	—	★	43	34	500	82704
		650/65R25	L3	—	★	47	37	622	90278
		750/65R25	L3	—	★	52	41	884	50629
		800/65R29	L3	—	★	61	48	1,319	45325



The MICHELIN® Radial tire designed to deliver extra protection and a high level of performance on wheel loaders.

- Extra durability in severe working conditions
- Smooth ride for maximum operator comfort
- Excellent flotation and traction

MICHELIN® XRDN™ A

 Dozers  Loaders		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	TUBELESS	35/65R33	L3	—	★	48	38	1,647	28662





With exceptional load capacity and maximum tire life, the MICHELIN® XTXL® tire is engineered to strengthen your productivity. It offers outstanding durability that provides the comfort and safety your operator needs to get the job done.

- Reinforced E4****/L4*** star casing with 15% more load carrying capacity*
- New patented B2 technology that transfers 20% more torque through the tire/rim interface*
- Increased rubber thickness in the sidewall and crown with 20% more crown puncture resistance and 10% stronger sidewall aggression resistance*
- Steel crown belt package has bigger cables and 40% more metal mass and the sidewall is 50% thicker*

*Based on internal testing vs. MICHELIN® XLD® D1 tire.

MICHELIN® XTXL®

 Underground Haulers  Loaders		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	TUBELESS	26.5R25	E4/L4	—	E4****L4***	68	54	1,184	06534
		29.5R25	E4/L4	—	E4****L4***	74	59	1,451	40734
		29.5R29	E4	—	E4****	79	63	1,596	68037
		35/65R33	E4/L4	—	E4****L4***	76	60	2,035	46729




LOADER/GRADER



The directional MICHELIN® L4 Radial tire for wheel loaders in a load-and-carry application designed to provide high levels of stability and protection with a cushioned ride for operator comfort.

- Long-lasting tread life
- Stable, comfortable ride
- Excellent traction

MICHELIN® XLD® D1




 Dozers  Loaders  Graders		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	XLD® D1 TUBELESS	26.5R25	L4	—	★	66.8	53	511.59	70042
		29R29.5	L4	—	★	73.1	58	663.592	90432
		35/65R33	L4	—	★★	75.6	60	901.728	33617
		45/65R45	L4	—	★★	90	71	4,855	78673



The directional MICHELIN® L5 Radial tire for wheel loaders designed to provide high levels of traction, protection and stability with a cushioned ride for operator comfort.

- Long-lasting tread life
- Stable, comfortable ride
- Excellent traction

MICHELIN® XLD® D2




 Dozers  Loaders  Graders		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	XLD® D2 TUBELESS	17.5R25	L5	—	★	79	63	466	37608
		20.5R25	L5	—	★	91	72	732	79084
		23.5R25	L5	—	★	97	77	978	58159
		26.5R25	L5	—	★	110	87	1,303	33046
		29.5R25	L5	—	★	120	95	1,681	28230
		29.5R29	L5	—	★	120	95	1,820	52185
		35/65R33	L5	—	★★	122	97	2,258	29247
		45/65R39	L5	—	★★	145	115	4,758	48376
		45/65R45	L5	—	★★	145	115	5,279	79265



The all new Michelin® Multi-purpose (E3/L3/G3) Radial tire designed for loaders, articulated dump truck and graders. Replacing the XHA®2, XADN+® and XAD 65”.

- Increased treadwear life
- Excellent traction
- Better comfort and stability

MICHELIN® X^{TRA} FLEXLIFE™ – NEW

 Loaders  Graders  Articulated Dumpers		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	X ^{TRA} FLEXLIFE TUBELESS	29.5R25	E3**/L3**	200B (E3)/216A2 (L3)	★★/★★	60.5	48	1124.6	69418
		875/65R29	E3**/L3*	203B (E3)/214A2 (L3)	★★/★★	59.2	47	1301	35701

LOADER/GRADER



The rugged MICHELIN® super L5 traction Radial tire is designed to give maximum protection in severe hard rock quarries, underground mines, scrap and solid waste applications.

- Excellent productivity and uptime
- Long tire life
- Maximum operator comfort and machine protection
- No chains or foam/poly fill required

MICHELIN® X MINE® D2



Forklifts



Loaders



Skid-Steer Loaders



Underground Haulers



Underground Loaders

	SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
TUBE TYPE	7.50R15	L5	—	—	58	46	113	23416
	8.25R15	L5	—	★	61	48	137	22154
	10.00R15	L5	—	★	61	48	169	18686
	14.5R15	L5	—	★	61	48	205	41368
	350/65R15	L5	—	—	45	36	161	85701
	400/80R15	L5	—	—	43	34	233	41318
	9.00R20	L5	—	★	64	51	197	09497
	12.00R20	L5	—	★	72	57	284	19601
TUBELESS	14.00R20	L5	—	★	61	48	324	64715
	450/70R20	L5	—	★★	47	37	309	77552
	12.00R24	L5	—	★	72	57	331	19455
	15.5R25	L5	—	★	76	60	495	34827
	17.5R25	L5	—	★★	82	65	572	31686
	18.00R25	L5	—	★★	103	82	981	31984
	20.5R25	L5	—	★★	93	74	848	43492
	23.5R25	L5	—	★★	105	83	1,130	32199
	26.5R25	L5	—	★★	115	91	1,562	33205
	29.5R25	L5	—	★★	126	100	1,944	33387
	29.5R29	L5	—	★★	126	100	2,035	31580
	35/65R33	L5	—	★★	117	93	2,657	67187
	45/65R39	L5	—	★★	146	116	5,145	01004
	45/65R45	L5	—	★★	146	116	5,749	00821
	50/65R51 (SR) (2)	L5	—	★★	146	116	7,715	92514
	50/65R51 (LC) (3)	L5	—	★★	146	116	7,742	00296
	55/80R57 (HR) (3)	L5	—	★	150	119	11,535	07695
	55/80R57 (SR) (2)	L5	—	★	150	119	11,498	18939
	55/80R57 (LC) (1)	L5	—	★	150	119	11,377	13267
	60/80R57 (SR) (2)	L5	—	★	149	118	13,018	31145
	60/80R57 (HR) (3)	L5	—	★	149	118	13,018	09011

(1) LC = Lift and Carry
(2) SR = Standard Rock
(3) HR = Hard Rock



ADT/SCRAPER



The MICHELIN® E3 Radial tire for articulated trucks designed to deliver exceptional reliability in a variety of applications.

- Excellent traction
- High-tech casing and special tread compounds for operator comfort
- Rugged shoulder design for added sidewall protection and long tire life
- C2 technology lowers casing temperatures which provides a cool running tire

MICHELIN® XADN+®



 Articulated Dumpers  Scrapers		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	TUBELESS	23.5R25	E3	185B	★★	48	38	704	31373
		26.5R25	E3	193B	★★	50	40	954	32433
		29.5R25	E3	200B	★★	55	44	1,179	40883



The MICHELIN® Super E3 low-profile, low-pressure Radial tire designed to deliver excellent flotation, lateral stability and traction for articulated dump trucks.

- A wide, stable footprint
- Excellent traction and adhesion
- Resistance to shock and impact damage

MICHELIN® XAD™ 65

 Articulated Dumpers  Scrapers		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	TUBELESS	650/65R25	E3	180B	★★★	50	40	695	89647
		750/65R25	E3	190B	★★★	54	43	895	79374
		875/65R29	E3	203B	★★★	64	51	1,489	40269





The MICHELIN® E4 Radial tire for articulated dump trucks engineered to deliver long life, maximized protection and excellent traction in a variety of demanding applications.

- The special C2 casing provides a cool-running tire
- Aggressive, self-cleaning tread design offers exceptional traction
- New tread compound for up to 15% more tread life*
- Optimal sidewall protection

*Based on internal test vs. MICHELIN® X®-SUPER TERRAIN AD tire.

MICHELIN® X®-SUPER TERRAIN+




 Articulated Dumpers  Scrapers		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	TUBELESS	800/80R29	E4	206B	★★	84	67	1,566	04779



The all new Michelin Multi-purpose (E3/L3/G3) Radial tire designed for loaders, articulated dump truck and graders. Replacing the XHA2, XADN + and XAD 65.

- Increased treadwear life
- Excellent traction
- Better comfort and stability

MICHELIN® X®TRA FLEXLIFE™ – NEW

 Loaders  Graders  Articulated Dumpers		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	X®TRA FLEXLIFE TUBELESS	29.5R25	E3**/L3**	200B (E3)/216A2 (L3)	★★★/★★★	60.5	48	1124.6	69418
		875/65R29	E3**/L3*	203B (E3)/214A2 (L3)	★★★/★★★	59.2	47	1301	35701

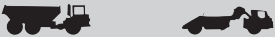
ADT/SCRAPER



The MICHELIN® E4 Radial tire designed for articulated dump trucks that work in the most demanding and severe conditions.

- Excellent damage resistance
- Robust sidewall and tread area
- Tread pattern designed to deliver long tire life and great traction

MICHELIN® X^{TRA} DEFEND™ – NEW


 Articulated Dumpers Scrapers		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	TUBELESS	23.5R25	E4	—	★★	68	54	741	63502
		26.5R25	E4	—	★★	75	60	1,091	61680
		29.5R25	E4	—	★★	82	65	1,334	07272
		750/65R25	E4	—	★★	69	55	1,036	32588
		875/65R29	E4	—	★★	75	60	1,698	76545



The MICHELIN® E3T Radial tire for mid-size scrapers engineered to provide exceptionally long life, excellent resistance to damage and enhanced traction.

- Excellent tire life for improved cost-per-hour
- Designed for maximum uptime
- Large ground contact area for excellent traction

MICHELIN® XTS®


 Scrapers		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	TUBELESS	29.5R29	E3	—	★★	54	43	1,235	46731
		33.25R29	E3	—	★★	57	45	1,729	76725
		29.5R35	E3	—	★★	57	45	1,453	64173
		37.25R35	E3	—	★★	59	47	2,498	54190



The non-directional MICHELIN® Radial tire for large scrapers designed to provide excellent longitudinal/lateral traction and exceptional tread and sidewall cut protection.

- Excellent traction for improved productivity
- Extra durability even in the toughest applications
- Deeper tread than standard E4

MICHELIN® XRS™


 Scrapers		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	TUBELESS	37.25R35	E4	—	★★	67	53	2,701	75762



The MICHELIN® E3 Radial tire for large scrapers designed to deliver excellent traction, superior damage resistance and a smooth ride.

- Maximum tire life
- Extra protection in severe operating conditions
- Excellent traction and flotation
- Smooth ride for optimal operator comfort

MICHELIN® XMS™

 Scrapers		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	TUBELESS	40.5/75R39	E3	—	★★	64	51	3,147	93211



The non-directional MICHELIN® Radial tire designed to deliver exceptional operator comfort and durability in high-speed and demanding on- and off-road applications.

- Excellent traction and grip
- Even treadwear
- Exceptional operator comfort
- DOT approved

MICHELIN® X-CRANE AT®

Mobile Cranes Trucks - Trailers Flatbeds Fire and Rescue		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	TUBE TYPE	385/95R24 (14.00R24)	E2	170F	—	28	22	300	93770



The non-directional MICHELIN® Radial tire is specially designed to deliver maximum comfort and durability in both high-speed and demanding on- and off-road applications.

- Even treadwear
- Strong casing for great durability
- Improved operator comfort
- DOT approved

MICHELIN® X-CRANE +®

High Speed Mobile Cranes Trucks - Trailers Flatbeds Fire and Rescue		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	TUBELESS	385/95R25 (14.00R25)	E2	170F	—	29	23	314	32768
		445/95R25 (16.00R25)	E2	174F	—	31	25	427	30097
		525/80R25 (20.5R25)	E2	176F	—	35	28	471	33880



The non-directional MICHELIN® Radial tire designed to deliver exceptional operator comfort and durability in high-speed and demanding on- and off-road crane applications.

- Exceptional operator comfort
- High-speed capabilities
- Excellent traction on all surfaces, on- and off-highway
- DOT approved

MICHELIN® XGC®



Mobile Cranes Trucks - Trailers Flatbeds Fire and Rescue		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	TUBELESS	445/80R25 (17.5R25)	E2	170E	—	35	28	384	30079



The MICHELIN® E4 Radial tire designed for transport applications.

- Deep tread allows for superior traction for haul road conditions
- Optimized tread compound for extended wear and endurance
- Maximized sidewall reinforcement protects against cutting and abrasion in the toughest applications

MICHELIN® XHD1™



 Rigid Dump Trucks  Logging Trucks		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	XHD1™ A TUBELESS	14.00R25 (385/95R25)	E4	—	★★★	48	38	384	34504
		16.00R25	E4	—	★★	54	43	605	34694



The MICHELIN® Radial tire for logging and transport operations designed to deliver excellent wear resistance and cooler operating temperatures in high-speed applications.

- Excellent traction and adhesion in both on- and off-road applications
- More productivity
- Excellent damage resistance
- Non-DOT rated (not for highway service "NHS")

MICHELIN® XMH™ S




 Logging Trucks  Transport Applications		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	TUBE TYPE	385/95R24 (14.00R24)	E2	170E	—	30	24	304	12407
	TUBELESS	385/95R25 (14.00R25)	E2	170E	—	30	24	318	21608



The MICHELIN® Radial tire for logging operations and mobile cranes where excellent traction on snow and ice is required.

- Exceptional traction and maneuverability on ice and snow
- Minimal chain usage
- Designed for optimal uptime
- DOT approved

MICHELIN® X SNOPLUS® 170E

 Logging Trucks  Mobile Cranes  Transport Applications		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	TUBE TYPE	385/95R24 (14.00R24)	E2	170E	—	30	24	304	36887
	TUBELESS	385/95R25 (14.00R25)	E2	170E	—	32	25	318	05893

RIGID DUMP TRUCKS




The MICHELIN® E4 Radial tire for small rigid dump trucks designed to increase productivity and lower operating costs.

- B Compound offers an increase in distance traveled per hour¹
- Optimized tread pattern for ideal traction and evacuation
- Built-up sidewall for protection against sidewall penetrations

¹Compared to 18.00R25 XHD1™ A tire.

MICHELIN® XHDT™



 Rigid Dump Trucks		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	XHDT™ A TUBELESS	18.00R25	E4	—	★★	59	47	708	18573
	XHDT™ B TUBELESS	18.00R25	E4	—	★★	59	47	708	23787



The MICHELIN® E2 Radial tire designed especially for high-speed applications on well-maintained site roads.

- High-speed capabilities
- Excellent traction, handling and wear

MICHELIN® XVC™



  Rigid Dump Trucks Bottom Dump Trucks		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	TUBELESS	18.00R33	E2	—	★★	33	26	772	45385
		24.00R35	E2	—	★★	38	30	1,298	10223
		27.00R49	E2	—	★★	42	33	2,136	06957



The MICHELIN® E4 Radial tire for haul trucks operating at moderate speeds to provide excellent protection and long wear in harsh conditions.

- Versatile condition capabilities
- Long tire life
- Excellent resistance to damage

MICHELIN® X-HAUL® & X-HAUL® S



  Rigid Dump Trucks Bottom Dump Trucks (1) X-Haul® S		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	TUBELESS	21.00R33 (1)	E4	—	★★	67	53	1,147	08931



The extremely durable MICHELIN® E4 Radial tire designed for use on haul trucks running at average speeds in the most damaging quarry conditions.

- Long tire life
- Resistance to cuts and abrasions
- Even treadwear
- Machine protection and operator comfort
- Deeper tread than standard E4

MICHELIN® X-QUARRY® S & X-QUARRY®

  Rigid Dump Trucks Bottom Dump Trucks (1) X-Quarry®		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	TUBELESS	16.00R25 (1)	E4	—	★★	61	48	595	17555



RIGID DUMP TRUCKS



The MICHELIN® E4 Radial tire for haul trucks designed to provide excellent adhesion and traction in severe conditions.

- Excellent traction
- Excellent resistance to damage
- Long, even-wearing tread pattern

MICHELIN® XDT™



  Rigid Dump Trucks Bottom Dump Trucks		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	XDT™ A4 TUBELESS	21.00R35	E4	—	★★	77	61	1,396	94773
	XDT™ B TUBELESS	33.00R51	E4	—	★★	110	87	4,790	53227




The MICHELIN® Radial tire engineered to deliver excellent traction on soft surfaces.

- Excellent traction and long wear
- Designed to resist damage
- Excellent handling and maneuverability

MICHELIN® X-TRACTION™ S

  Rigid Dump Trucks Bottom Dump Trucks		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	X-TRACTION™ S B TUBELESS	27.00R49	E3	—	★★	58	46	2,348	35019

MICHELIN® X-TRACTION™



 Rigid Dump Trucks	X-TRACTION™ A4 TUBELESS	27.00R49	E4	—	★★	102	81	2,842	38957
	X-TRACTION™ B4 TUBELESS	18.00R33	E4	—	★★	78	62	947	94105
		21.00R33	E4	—	★★	89	71	1,210	17274
		27.00R49	E4	—	★★	102	81	2,825	68679
	X-TRACTION™ B TUBELESS	27.00R49	E4	—	★★	102	81	2,801	10116



The MICHELIN® E4 Radial tire designed for haul trucks working in demanding quarry environments that has high load-carrying capacity and provides excellent protection.

- A *** casing provides superior load-carrying capability
- Excellent resistance to cuts and abrasions
- Tread pattern designed to deliver long tire life and even wear

MICHELIN® X[®]TRA LOAD PROTECT™ — NEW

  Rigid Dump Trucks Bottom Dump Trucks		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	A4 TUBELESS	24.00R35	E4	—	★★★	88	70	1,834	05723
	B TUBELESS	24.00R35	E4	—	★★★	88	70	1,819	67386



RIGID DUMP TRUCKS



The MICHELIN® E4 Radial tire designed for haul trucks to provide excellent traction and high load-carrying capacity in the most severe quarry conditions.

- A *** casing provides superior load-carrying capability
- Excellent resistance to damages
- Tread pattern designed to deliver long tire life in high traction environments

MICHELIN® X^{TRA} LOADGRIP™ – NEW



 Rigid Dump Trucks  Bottom Dump Trucks		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	A4 TUBELESS	24.00R35	E4	—	★★★	92	73	1,764	77075
	B TUBELESS	24.00R35	E4	—	★★★	92	73	1,757	86007



The long-lasting, non-directional MICHELIN® XDR® 2 tire provides increased durability while improving productivity, which can positively impact your bottom line.

- Excellent protection in severe operating conditions
- More endurance due to the new non-directional tread pattern
- Optimal sidewall protection
- Superior resistance to cuts and abrasions

MICHELIN® XDR® 2



 Rigid Dump Trucks  Bottom Dump Trucks		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	XDR® 2 MB4 TUBELESS	37.00R57	E4	—	★★	129	102	6,830	80200
	XDR® 2 B4 TUBELESS	37.00R57	E4	—	★★	129	102	6,841	21579
		56/80R63	E4	—	★★	139	110	11,533	06474
	XDR® 2 B TUBELESS	37.00R57	E4	—	★★	129	102	6,844	21976
		56/80R63	E4	—	★★	139	110	11,445	06559
	XDR® 2 MC4 TUBELESS	56/80R63	E4	—	★★	139	110	11,434	00526
	XDR® 2 C4 TUBELESS	37.00R57	E4	—	★★	129	102	6,808	23511
		56/80R63	E4	—	★★	139	110	11,210	06285
	XDR® 2 C TUBELESS	37.00R57	E4	—	★★	129	102	6,778	24353



The MICHELIN® E3 Radial tire designed for haul trucks needing more uptime and tire life in long haul, high-speed applications.

- New tread pattern reduces heat build-up and internal temperature
- Excellent tread life
- Optimized tread and bead area endurance

MICHELIN® XDR® 2 S

 Rigid Dump Trucks  Bottom Dump Trucks		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	XDR® 2 S B TUBELESS	59/80R63	E3	—	★★	91	72	10,831	32399
	XDR® 2 S C4 TUBELESS	59/80R63	E3	—	★★	91	72	10,629	68652

RIGID DUMP TRUCKS



The new MICHELIN® E4 tire for haul trucks with long-lasting innovations designed to maximize tire life.

- Revolutionary tread pattern designed for longer tread wear, better endurance and greater resistance to aggression¹
- Four new compounds made with an exclusive mixing process designed for longer tread wear¹
- Corrosion-isolating cables designed to protect from impact, prevent spread of corrosion and extend tire life¹

¹Compared to MICHELIN® XDR®2 tire.

MICHELIN® XDR® 3



Rigid Dump Trucks



Bottom Dump Trucks

	SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
XDR® 3 B TUBELESS	27.00R49	E4	—	★★★	114	90	1369.05	22060
XDR® 3 B4 TUBELESS	27.00R49	E4	—	★★★	114	90	1379.539	24794
XDR® 3 A TUBELESS	27.00R49	E4	—	★★★	114	90	1354	19529
XDR® 3 B4 TUBELESS	33.00R51	E4	—	★★	119	94	2,239	05115
XDR® 3 B TUBELESS	33.00R51	E4	—	★★	119	94	2,242	05483
XDR® 3 C4 TUBELESS	33.00R51	E4	—	★★	119	94	2,214	78629
XDR® 3 B TUBELESS	37.00R57	E4	—	★★	129	102	3150	18283
XDR® 3 C4 TUBELESS	37.00R57	E4	—	★★	129	102	3150	86430
XDR® 3 C TUBELESS	37.00R57	E4	—	★★	129	102	3150	66263
XDR® 3 B4 TUBELESS	37.00R57	E4	—	★★	129	102	3150	66263
XDR® 3 MB4 TUBELESS	40.00R57	E4	—	★★	124	98	7,958	07678
XDR® 3 MB TUBELESS	40.00R57	E4	—	★★	124	98	7,994	40866
XDR® 3 MC4 TUBELESS	40.00R57	E4	—	★★	124	98	8,007	54268
XDR® 3 MC TUBELESS	40.00R57	E4	—	★★	124	98	7,890	02582
XDR® 3 MB4 TUBELESS	50/90R57	E4	—	★★	124	98	9,592	39092
XDR® 3 MB TUBELESS	50/90R57	E4	—	★★	124	98	9,592	45751
XDR® 3 MC4 TUBELESS	50/90R57	E4	—	★★	124	98	9,592	09945
XDR® 3 MB4 TUBELESS	53/80R63	E4	—	★★	139	110	10,432	05149
XDR® 3 MB TUBELESS	53/80R63	E4	—	★★	139	110	10,432	26004
XDR® 3 MC4 TUBELESS	53/80R63	E4	—	★★	139	110	10,430	06229
XDR® 3 MC TUBELESS	53/80R63	E4	—	★★	139	110	10,430	99718
XDR® 3 MB4 TUBELESS	59/80R63	E4	—	★★	139	110	12,267	73530
XDR® 3 MB TUBELESS	59/80R63	E4	—	★★	139	110	12,128	20068
XDR® 3 MC4 TUBELESS	59/80R63	E4	—	★★	139	110	12,128	83942

NEW

NEW

NEW

NEW

NEW

NEW

RIGID DUMP TRUCKS





The new MICHELIN® E4 Radial tire for 250T class trucks is designed to carry more faster and increase productivity.

- The highest TMPH available
- Get 25% more productivity than the Bridgestone 46/90R57 VRDP & VRPS*
- Increased dimension allows you to carry 6% more load than the Bridgestone 46/90R57 VRDP & VRPS*
- Ground breaking tread design optimizes airflow, cooling the tire, which can allow it to run at fast speeds for longer times
- Redesigned corrosion-isolating cables with protective rubber to prevent the spread of corrosion and improve overall tire life

*All performance claims are based on comparisons of the MICHELIN® XDR® 250 tire to the MICHELIN® XDR® 2 tire (40.00R57) and the Bridgestone® VRPS & VRDP tires.

MICHELIN® XDR® 250



 Rigid Dump Trucks  Bottom Dump Trucks		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	XDR® 250 B4 TUBELESS	50/80R57	E4	—	★★	118	94	8,522	50070
	XDR® 250 B TUBELESS	50/80R57	E4	—	★★	118	94	8,522	50281
	XDR® 250 C4 TUBELESS	50/80R57	E4	—	★★	118	94	8,522	48751
	XDR® 250 C TUBELESS	50/80R57	E4	—	★★	118	94	8,445	81178



The MICHELIN® Radial tire for haul trucks designed to deliver low operating costs in applications requiring a unique combination of traction, speed and protection.

- Excellent traction
- High-speed capabilities
- Durability in severe working conditions

MICHELIN® XDC®

 Rigid Dump Trucks  Bottom Dump Trucks		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	XDC® B TUBELESS	36.00R51	E3	—	★★	72	57	4,983	59360
		40.00R57	E3	—	★★	79	63	6,336	87933
	XDC® C4 TUBELESS	33.00R51	E3	—	★★	61	48	4,029	28097
		36.00R51	E3	—	★★	72	57	4,954	00557
		40.00R57	E3	—	★★	79	63	6,357	51763

UNDERGROUND



The rugged MICHELIN® super L5 traction Radial tire is designed to give maximum protection in severe hard rock quarries, underground mines, scrap and solid waste applications.

- Excellent productivity and uptime
- Long tire life
- Maximum operator comfort and machine protection
- No chains or foam/poly fill required

MICHELIN® X MINE® D2



Forklifts



Loaders



Skid-Steer Loaders



Underground Haulers

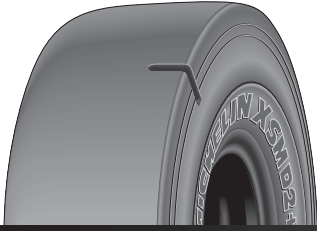


Underground Loaders

	SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
TUBE TYPE	7.50R15	L5	—	—	58	46	113	23416
	8.25R15	L5	—	★	61	48	137	22154
	10.00R15	L5	—	★	61	48	169	18686
	14.5R15	L5	—	★	61	48	205	41368
	350/65R15	L5	—	—	45	36	161	85701
	400/80R15	L5	—	—	43	34	233	41318
	9.00R20	L5	—	★	64	51	197	09497
	12.00R20	L5	—	★	72	57	284	19601
TUBELESS	14.00R20	L5	—	★	61	48	324	64715
	450/70R20	L5	—	★★	47	37	309	77552
	12.00R24	L5	—	★	72	57	331	19455
	15.5R25	L5	—	★	76	60	495	34827
	17.5R25	L5	—	★★	82	65	572	31686
	18.00R25	L5	—	★★	103	82	981	31984
	20.5R25	L5	—	★★	93	74	848	43492
	23.5R25	L5	—	★★	105	83	1,130	32199
	26.5R25	L5	—	★★	115	91	1,562	33205
	29.5R25	L5	—	★★	126	100	1,944	33387
	29.5R29	L5	—	★★	126	100	2,035	31580
	35/65R33	L5	—	★★	117	93	2,657	67187
	45/65R39	L5	—	★★	146	116	5,145	01004
	45/65R45	L5	—	★★	146	116	5,749	00821
	50/65R51 (SR) (2)	L5	—	★★	146	116	7,715	92514
	50/65R51 (LC) (3)	L5	—	★★	146	116	7,742	00296
	55/80R57 (HR) (3)	L5	—	★	150	119	11,535	07695
	55/80R57 (SR) (2)	L5	—	★	150	119	11,498	18939
	55/80R57 (LC) (1)	L5	—	★	150	119	11,377	13267
	60/80R57 (SR) (2)	L5	—	★	149	118	13,018	31145
	60/80R57 (HR) (3)	L5	—	★	149	118	13,018	09011

(1) LC = Lift and Carry
(2) SR = Standard Rock
(3) HR = Hard Rock

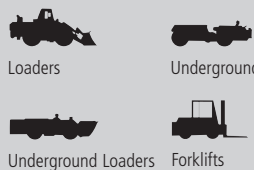
UNDERGROUND



The super-deep, smooth MICHELIN® Radial tire designed for maximum wear and reliability on wheel loaders and haulers working in severe mining, quarry and waste-handling conditions.

- Reliability in the most extreme conditions
- Super-deep tread for extended wear

MICHELIN® XSM® D2+

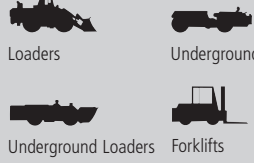
		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	TUBELESS	12.00R24	L5S	—	—	72	57	366	80803
		14.00R24	L5S	—	—	73	58	557	80802
		17.5R25	L5S	—	★★	98	78	671	41235
		18.00R25	L5S	—	★★	121	96	1,137	41606
		26.5R25	L5S	—	★★	129	102	1,760	93041
		29.5R29	L5S	—	★★	126	100	2,342	93004
		35/65R33	L5S	—	★★	122	97	2,774	39998



The MICHELIN® L5S Radial tire designed for long haul cycles in underground mining applications.

- Designed for haul cycles with a maximum distance of 6km per hour
- Special cut-resistant rubber compounds
- Crown and sidewall protection for aggressive underground mining conditions

MICHELIN® XSM® D2+ LC

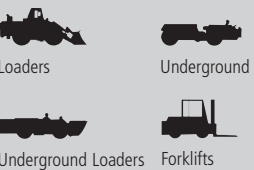
		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	TUBELESS	18.00R25	L5S	—	★★	97	77	1,010	32651



The MICHELIN® L3S Radial tire designed to deliver a customized balance of load, speed and protection in unique underground mining conditions.

- Specifically designed for long cycle usage—10/km per hour distance
- A *** casing provides high load-carrying capacity
- Robust bead area with B2 technology

MICHELIN® XSM® DN+

		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	TUBELESS	26.5R25	L3S	—	★★★	55	44	1,367	29138
		26.5R29	L3S	—	★★★	55	44	1,482	02315
		35/65R33	L3S	—	★★★	62	49	2,225	07865

UNDERGROUND

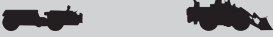


With exceptional load capacity and maximum tire life, the MICHELIN® XXXL® tire is engineered to strengthen your productivity. It offers outstanding durability that provides the comfort and safety your operator needs to get the job done.

- Reinforced E4****/L4*** star casing with 15% more load-carrying capacity*
- New patented B2 technology that transfers 20% more torque through the tire/rim interface*
- Increased rubber thickness in the sidewall and crown with 20% more crown puncture resistance and 10% stronger sidewall aggression resistance*
- Steel crown belt package has bigger cables and 40% more metal mass and the sidewall is 50% thicker*

*Based on internal testing vs. MICHELIN® XLD® D1 tire.

MICHELIN® XXXL®

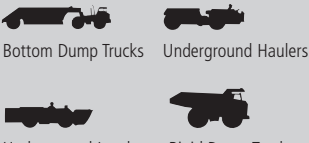
 Underground Haulers Loaders		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	TUBELESS	26.5R25	E4/L4	—	E4****L4***	68	54	1,184	06534
		29.5R25	E4/L4	—	E4****L4***	74	59	1,451	40734
		29.5R29	E4	—	E4****	79	63	1,596	68037
		35/65R33	E4/L4	—	E4****L4***	76	60	2,035	46729



The MICHELIN® Radial tire designed to deliver maximum protection in severe transport and abrasive underground mining conditions.

- Maximum protection from extreme jobsite hazards
- Promotes stability

MICHELIN® XK®

 Bottom Dump Trucks Underground Haulers Underground Loaders Rigid Dump Trucks		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	XK® A TUBE TYPE	12.00R24	E3	—	★★★	27	21	259	06809
		14.00R24	E3	—	★★★	30	24	378	06866
	XK® A TUBELESS	21.00R25	L3	—	★★	42	33	1,021	65383
	XK® D1 A TUBE TYPE	14.00R24	E4	—	★★★	47	37	416	06874
	XK® D1 A TUBELESS	18.00R25	E4	—	★★	59	47	865	12336

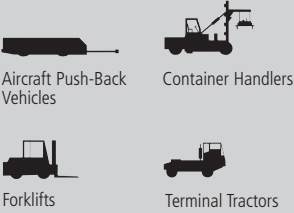
INDUSTRIAL AND PORT



The rugged, pneumatic MICHELIN® Radial tire designed for forklift trucks, terminal tractors and other industrial equipment used in heavy-duty applications.

- Designed for maximum uptime
- Exceptional treadwear
- Excellent stability and operator confidence
- Outstanding machine and payload protection

MICHELIN® XZM™

		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
		TUBELESS							
		5.00R8	—	111A5	10	29	23	23	86381
		150/75R8	—	113A5	16	20	16	19	55004
		180/70R8	—	125A5	16	24	19	29	64585
		6.00R9	—	121A5	12	30	24	35	50734
		200/75R9	—	134A5	16	28	22	40	79749
		6.50R10	—	128A5	14	34	27	44	54636
		225/75R10	—	142A5	20	30	24	49	59673
		7.00R12	—	136A5	16	35	28	57	71359
		250/60R12	—	153A5	20	33	26	55	07263
		250/75R12	—	153A5	20	35	28	73	51744
		7.00R15	—	143A5	14	35	28	71	85869
		7.50R15	—	146A5	16	38	30	84	62488
		8.25R15	—	153A5	18	41	33	112	56370
		225/75R15 (28X9R15)	—	149A5	16	31	25	68	55324
		250/70R15 (250-15)	—	153A5	18	35	28	76	50988
		315/70R15 (300-15)	—	165A5	18	44	35	132	85047
		355/65R15 (350-15)	—	170A5	20	44	35	146	81758
		9.00R20	—	160A5	18	41	33	177	87259
		10.00R20	—	166A5	18	44	35	204	42890
		11.00R20	—	169A5	18	48	38	212	74767
		12.00R20	—	176A5	20	50	40	256	78891
		12.00R24	—	178A5	24	50	40	292	42105
		14.00R24	—	193A5	32	79	63	514	93269
		16.00R25	—	200A5	36	89	71	737	61590

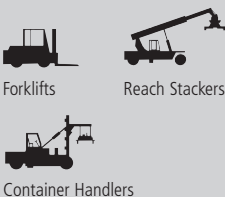
A Tubeless Bead Seal must be used with the XZM™ tire to make it tubeless.



The newly improved MICHELIN® industrial tire for high-load capacity material handling equipment.

- More robust design
- Optimized wear
- For use on all axles
- Excellent productivity to reduce operating costs

MICHELIN® XZM™ 2+

		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
		TUBELESS							
		18.00R25	—	207A5	36	98	78	972	98640
		18.00R33	—	214A5	36	98	78	1,124	98655




INDUSTRIAL AND PORT



The MICHELIN® XZR™ Radial tire for airport ground support equipment, sweepers and forklifts with an exceptional total cost of ownership.

- Long tire life with very good resistance to irregular wear
- Optimized wear
- High-carrying capacity
- Excellent traction in a variety of conditions

MICHELIN® XZR™

 Airport Ground Support Equipment  Sweeper  Forklifts		SIZE	TRA CODE	ISO INDEX	STAR RATING/PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	TUBELESS	6.00R9	—	121A5	12	13	10	26	68425
		6.50R10	—	128A5	14	14	11	34	79365
		7.00R12	—	136A5	16	14	11	45	62234

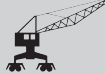




The long-lasting MICHELIN® Radial tire for straddle carriers designed to deliver even treadwear and low operating costs in demanding port and terminal conditions.

- Increase in maximum distance per hour and top speed¹
- New tread pattern designed for greater resistance to crown aggression¹
- Reinforced bead area designed for maximum durability

¹Compared to MICHELIN® X-STRADDLE® tire.

MICHELIN® X-STRADDLE® 2

 Dock Cranes  Aircraft Push-Back Vehicles  Straddle Carriers		SIZE	TRA CODE	ISO INDEX	STAR RATING/PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	TUBELESS	450/95R25	E3	202A7	—	63	50	603	38706
	TUBELESS	480/95R25	E3	206A5	—	63	50	662	07011





The MICHELIN® Radial tire designed to increase the productivity of reach stackers in demanding port and terminal conditions.

- Increase in maximum distance per hour of 40% vs. MICHELIN® STABIL'X® X STACKER® tire
- Dual compound in crown area designed to deliver longer wear life¹
- Reinforced bead area with B2 Technology

¹Compared to MICHELIN® STABIL'X® X STACKER® tire.

MICHELIN® X STACKER® 2


 Reach Stackers  Container Handlers		SIZE	TRA CODE	ISO INDEX	STAR RATING/PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	TUBELESS	18.00R25	—	207A5	—	91	72	1,021	26910



The long-lasting MICHELIN® Radial tire for terminal tractors designed to deliver even treadwear and low operating costs in demanding port and terminal conditions.

- Non-DOT rated (not for highway service “NHS”)
- Exceptional treadwear
- All wheel position capability
- Outstanding machine and payload protection

MICHELIN® X-TERMINAL T™


 Terminal Tractors		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	TUBELESS	280/75R22.5	—	168A8	16	39	31	152	33193
		310/80R22.5	—	175A8	16	38	30	170	03379



The smooth MICHELIN® Radial tire designed for compactors used in paving and asphalt applications.

- Excellent surface finish
- Excellent uptime
- Lower operating costs

MICHELIN® X® LISSE COMPACTEUR™

 Compactors		SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
	TUBE TYPE	7.50R15	C1	—	—	11	9	53	12568
		13/80R20	C1	—	—	15	12	147	06569
		15.00R24	C1	—	—	27	21	321	23826

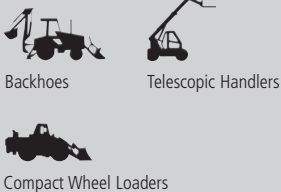
COMPACT EQUIPMENT



All terrain steel-belted radial designed to optimize "uptime" performance on high-usage construction and utility equipment.

- Steel crown belt package for improved resistance to penetration and flat crown for longer tread wear
- Longer turn up of casing ply to reinforce the sidewall, increase stability and help resist perforation and scrubbing
- Excellent traction, maneuverability and comfort

MICHELIN® XMCL™


 Backhoes Telescopic Handlers Compact Wheel Loaders		METRIC SIZE	STANDARD SIZE	CONSTRUCTION	PLY RATING	TREAD DEPTH (32ND INCH)	SHIPPING WEIGHT (LBS)	MSPN
	TUBELESS	280/80R18	10.5/80R18	RADIAL	10	35	96	25391
		340/80R18	12.5/80R18	RADIAL	12	38	124	24643
		400/70R18	16.0/70R18	RADIAL	14	38	140	39817
		280/80R20	10.5/80R20	RADIAL	10	37	104	32621
		340/80R20	12.5/80R20	RADIAL	12	37	135	00733
		380/75R20	14.5/75R20	RADIAL	12	42	152	03424
		400/70R20	16.0/70R20	RADIAL	16	42	154	02871
		420/75R20	16.5/75R20	RADIAL	18	42	182	19152
		400/70R24	16.0/70R24	RADIAL	16	42	176	92225
		440/80R24	16.9R24	RADIAL	18	45	243	34933
		460/70R24	17.5LR24	RADIAL	18	45	222	70333
		500/70R24	19.5LR24	RADIAL	20	45	253	89582
		540/70R24	21LR24	RADIAL	20	48	294	58268
		480/80R26	18.4R26	RADIAL	20	45	287	22312
		440/80R28	16.9R28	RADIAL	18	45	268	94482



Non-directional steel-belted radial designed for maximum tread life and traction on hard surfaces.

- Offers a tread face with up to 30% more tread surface than a standard R4 tread pattern.
- Diamond Lug Pattern creates constant traction provided by two sections of lug that are always in contact with the surface.
- Uses the same proven casing of the XMCL with added reinforcements in the shoulder area for protection against scrub

MICHELIN® BIBLOAD HARD SURFACE™

 Backhoes Telescopic Handlers Compact Wheel Loaders		METRIC SIZE	STANDARD SIZE	CONSTRUCTION	PLY RATING	TREAD DEPTH (32ND INCH)	SHIPPING WEIGHT (LBS)	MSPN
	TUBELESS	340/80R18	12.5/80R18	RADIAL	12	35	121	66605
		400/70R18	16.0/70R18	RADIAL	14	37	140	09464
		340/80R20	12.5/80R20	RADIAL	12	35	130	23767
		400/70R20	16.0/70R20	RADIAL	16	37	150	18143
		440/80R24	16.9R24	RADIAL	18	40	240	23762
		460/70R24	17.5LR24	RADIAL	18	42	223	27534
		500/70R24	19.5LR24	RADIAL	20	40	251	19122
		540/70R24	21LR24	RADIAL	20	42	294	34928
		480/80R26	18.4R26	RADIAL	20	42	285	46166
		440/80R28	16.9R28	RADIAL	18	42	267	49461

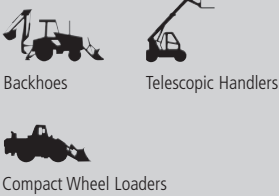
COMPACT EQUIPMENT



Premium bias ply tire designed for superb stability as well as impact and puncture resistance.

- To enhance puncture resistance, the sidewall thickness of the Power CL is 20 mm compared to 12 mm for a leading competitor's tire
- High load capacity for increased productivity
- The sidewall rigidity of the tire allows for superior vertical and lateral stability

MICHELIN® POWER CL™

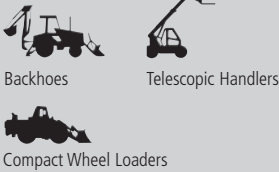
 Backhoes Telescopic Handlers Compact Wheel Loaders		METRIC SIZE	STANDARD SIZE	CONSTRUCTION	PLY RATING	TREAD DEPTH (32ND INCH)	SHIPPING WEIGHT (LBS)	MSPN
	TUBELESS	280/80-18	10.5/80-18	BIAS	10	33	84	38882
		340/80-18	12.5/80-18	BIAS	12	30	114	04967
		280/80-20	10.5/80-20	BIAS	10	34	93	28486
		340/80-20	12.5/80-20	BIAS	12	32	119	56730
		400/70-20	16.0/70-20	BIAS	16	37	146	18007
		400/70-24	16.0/70-24	BIAS	20	37	174	60752
		400/80-24	15.5/80-24	BIAS	20	37	185	53837
		440/80-24	16.9-24	BIAS	22	37	228	56443
		460/70-24	17.5L24	BIAS	18	37	190	86617
		500/70-24	19.5L24	BIAS	20	37	215	06567
		480/80-26	18.4-26	BIAS	20	35	240	32114
		440/80-28	16.9-28	BIAS	18	37	225	95541



The MICHELIN® R4 radial high-speed tire designed to operate at elevated speeds and loads with excellent traction and mobility.

- Speed rated to 55 mph
- Steel crown belts and buttress shoulders to withstand job site conditions
- Exceptional high-load capacity

MICHELIN® XM47™


 Backhoes Telescopic Handlers Compact Wheel Loaders		METRIC SIZE	STANDARD SIZE	CONSTRUCTION	PLY RATING	TREAD DEPTH (32ND INCH)	SHIPPING WEIGHT (LBS)	MSPN
	TUBELESS	405/70R20	16.0/70R20	RADIAL	NA	35	153	43043
		425/75R20	16.5/75R20	RADIAL	NA	38	181	75328
		445/70R24	17.5LR24	RADIAL	NA	43	205	45627
		495/70R24	19.5LR24	RADIAL	NA	44	259	88892



The rugged MICHELIN® R4 radial tire for backhoes and loaders designed to provide excellent traction and durability both on- and off-road.

- Excellent traction on soft ground and various road surfaces
- Extra durability and reduced downtime from flats
- Long tread life, especially when "roading" equipment

MICHELIN® XM27™

 Backhoes (Front) Telescopic Handlers Compact Wheel Loaders		METRIC SIZE	STANDARD SIZE	CONSTRUCTION	PLY RATING	TREAD DEPTH (32ND INCH)	SHIPPING WEIGHT (LBS)	MSPN
	TUBELESS	11LR16	11LR16	RADIAL	NA	29	65	13902


COMPACT EQUIPMENT



A multi-purpose radial tire for use on the road, grass and snow.

- All season use
- Non-directional tread design
- Great snow traction/studdable

MICHELIN® CROSSGRIP™

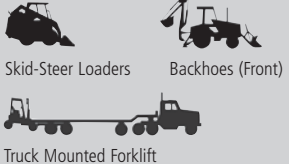
		METRIC SIZE	STANDARD SIZE	CONSTRUCTION	PLY RATING	TREAD DEPTH (32ND INCH)	SHIPPING WEIGHT (LBS)	MSPN
	TUBELESS	250/80R16	250/80R16	RADIAL		21	62	97221
		400/80R24	15.5/80R24	RADIAL	20	33	194	76135
		440/80R24	16.9R24	RADIAL	18	33	240	74806
		460/70R24	17.5R24	RADIAL		33	198	11050
		400/80R28	16.0/80R28	RADIAL		33	212	38141
		440/80R28	16.9R28	RADIAL	18	33	254	52613



All terrain radial with all-steel casing and belt construction that provides excellent tire life, productivity, traction and puncture resistance.

- Exceptional tire life and operator comfort
- Reinforced sidewalls which enables high resistance to abrasion, punctures and impacts
- Capable of being retreaded
- 90 day satisfaction guarantee

MICHELIN® BIBSTEEL ALL TERRAIN™


		METRIC SIZE	STANDARD SIZE	CONSTRUCTION	PLY RATING	TREAD DEPTH (32ND INCH)	SHIPPING WEIGHT (LBS)	MSPN
	TUBELESS	210/70R15	27x8.5R15	RADIAL	8	19	44	20011
		260/70R16.5	10R16.5	RADIAL	12	25	71	19038
		300/70R16.5	12R16.5	RADIAL	14	29	91	34034
		360/70R17.5	14R17.5	RADIAL	14	33	123	17395



All-steel belt and steel casing construction radial skid steer tire built from superior rubber compound technology, optimized for hard surfaces like concrete and asphalt.

- Exceptional tire life and operator comfort
- Tread designed specifically for severe, high-scrub applications.
- Capable of being retreaded
- 90 day satisfaction guarantee

MICHELIN® BIBSTEEL HARD SURFACE™

		METRIC SIZE	STANDARD SIZE	CONSTRUCTION	PLY RATING	TREAD DEPTH (32ND INCH)	SHIPPING WEIGHT (LBS)	MSPN
	TUBELESS	260/70R16.5	10R16.5	RADIAL	12	23	73	38281
		300/70R16.5	12R16.5	RADIAL	14	27	93	84590


COMPACT EQUIPMENT



Extremely versatile and comfortable to drive radial tire with steel casing for resistance against impacts and cuts.

- **SINGLE** fitment for wheeled excavator and other applications
- Improved service life due to robust shoulders and protected crown
- Tread pattern with central rib for better road handling

MICHELIN® XF™

 Wheeled Excavator		METRIC SIZE	STANDARD SIZE	CONSTRUCTION	PLY RATING	TREAD DEPTH (32ND INCH)	SHIPPING WEIGHT (LBS)	MSPN
	TUBELESS	445/70R 19.5	18R 19.5	RADIAL		23	240	81617
		445/70 R22.5	18R 22.5	RADIAL		25	265	33819



Premium bias ply tire designed with innovative diamond tread pattern for maximum productivity and 360° stability.

- **DUAL** fitment for wheeled excavators
- Damage and cut resistance
- +57% thicker sidewalls compared to leading competitor

MICHELIN® POWER DIGGER™



 Wheeled Excavator		METRIC SIZE	STANDARD SIZE	CONSTRUCTION	PLY RATING	TREAD DEPTH (32ND INCH)	SHIPPING WEIGHT (LBS)	MSPN
	TUBE TYPE	10.00-20	NA	BIAS	16	19	101	03227



Airless radial tire designed for skid steer loaders.

- No flat tires
- Unique spoke design helps reduce "bounce" and driver fatigue associated with pneumatic tires
- Consistent footprint, with tread designed to last 2-3 times longer than a pneumatic tire at equal tread depth, and capable of being retreaded
- No Maintenance, No Downtime & No Compromise

MICHELIN® TWEEL SSL™

 Skid-Steer Loaders  Truck Mounted Forklift	DESCRIPTION		SIZE	MAX LOAD @ 15KM/H	TREAD DEPTH	UNDERTREAD	SHIPPING WEIGHT (LBS)	MSPN
	ALL TERRAIN	AIRLESS	10N16.5	3,700 lbs	31/32nds	10/32nds	177.0 lbs	37131
	ALL TERRAIN	AIRLESS	12N16.5	4,400 lb	31/32nds	12/32nds	226.0 lbs	34735
	HARD SURFACE TRACTION	AIRLESS	12N16.5	4,400 lbs	48/32nds	8/32nds	255.0 lbs	64828
	ALL TERRAIN 2	AIRLESS	12N16.5	4,400 lbs	31/32nds	12/32nds	211.0 lbs	07013
	HARD SURFACE TRACTION 2	AIRLESS	12N16.5	4,400 lbs	48/32nds	8/32nds	240.0 lbs	45604
	ALL TERRAIN/ 2-PIECE HUB	AIRLESS	12N16.5	4,400 lbs	31/32nds	12/32nds	226.0 lbs	76642
	HARD SURFACE TRACTION/2-PIECE HUB	AIRLESS	12N16.5	4,400 lbs	48/32nds	8/32nds	255.0 lbs	56289

NEW



NEW



Airless radial tire designed for zero turn & stand on mowers

- No flat tires
- Consistent hub height helps ensure the mower deck produces an even cut
- Excellent lateral stability on hillsides and sloped surfaces, and outstanding operator comfort, even when navigating over curbs and other bumps
- High performance compounds and an efficient contact patch designed to provide a long wear life that is 2-3 times that of a pneumatic tire at equal tread depth

MICHELIN® TWEEL TURF™


 Zero Turn Mower  Stand On Mower		SIZE	CENTER COLOR	MAX LOAD	TREAD DEPTH	WHEEL OFFSET (IN)	BOLTS/ BOLT CIRCLE	WEIGHT (LBS.)	MSPN
	AIRLESS	18x8.5N10	Black	705	7/32nds	-0.4	4x4 in.	27.2	78245
		24x12N12	Black	750	12/32nds	-0.75	4x4 in.	47.7	85532
		24x12N12	Black	750	12/32nds	-2.2	4x4 in.	48.2	85932
		24x12N12	Black	750	12/32nds	-1.3	5x4.5 in.	47.7	54411
		24x12N12	Black	750	12/32nds	0.67	5x4.5 in.	47.7	14365
		26x12N12	Black	862	12/32nds	-0.87	4x4 in.	57.6	01674
		26x12N12	Black	862	12/32nds	-2.2	5x4.5 in.	57.9	60546
		26x12N12	Black	862	12/32nds	0.67	5x4.5 in.	57.9	03023



Airless radial tire designed for golf carts and utility vehicles.

- No flat tires
- Consistent hub height helps ensure the mower deck produces an even cut
- Excellent lateral stability on hillsides and sloped surfaces, and outstanding operator comfort, even when navigating over curbs and other bumps
- High performance compounds and an efficient contact patch designed to provide a long wear life that is 2-3 times that of a pneumatic tire at equal tread depth

MICHELIN® TWEEL FOR GOLF CARTS AND UTILITY VEHICLES


 Golf Cart/Utility Vehicles		SIZE	WHEEL OFFSET	MAX SPEED	MAX LOAD	BOLTS/BOLT CIRCLE	WEIGHT (LBS.)	MSPN
	AIRLESS	GOLF CARTS 18x8.5N10 (205/50N10)	-0.5 in	25 mph	705 lbs.	4x4 in.	27.6 lbs.	09653
		UTILITY VEHICLES 18x8.5N10 (205/50N10)	-0.5 in	25 mph	705 lbs.	4x4 in.	27.2 lbs.	78245



Airless radial tire designed for the front of mowers.

- Durable, poly-resin tread helps provide long wear life.
- Integrated metal center hub with OEM quality sealed bearings, available for 5/8" and 3/4" diameter axle bolts. Spacers are available to adapt fit for a variety of popular mowers.
- Unique circular outer beam functions like a spring, creating suspension like characteristics for the front of the mower.

MICHELIN® TWEEL CASTER™



 Zero Turn Mower (Front)		SIZE	TREAD	MAX LOAD	WHEEL OFFSET (IN)	AXEL BOLT DIAMETER	WEIGHT (LBS.)	MSPN
	AIRLESS	13x6.5N6	Grooved	290 lbs.	0	5/8"	11.7	24085
		13x6.5N6	Grooved	290 lbs.	0	3/4"	11.7	52441
		13x6.5N6	Smooth	290 lbs.	0	5/8"	12	41011
		13x6.5N6	Smooth	290 lbs.	0	3/4"	12	05768



Airless radial tire designed for UTVs and ATVs.

- Designed specifically for difficult environments and conditions where vehicles are exposed to rugged roads, jagged terrain and other elements hostile to ordinary tires.
- Full width poly-resin spokes help dampen the ride for enhanced operator comfort, while providing outstanding lateral stiffness, excellent cornering and side-hill stability.
- Low pressure contact patch helps provide outstanding off-road traction.

MICHELIN® TWEEL UTV/ATV™

 UTV  ATV *Coming in 2019		COMMON FITMENT	SIZE	MAX LOAD	MAX SPEED	HUB COLOR	BOLT PATTERN	OFFSET	CENTER HOLE DIA.	WEIGHT	MSPN
	AIRLESS	Honda ATV	26x9N14	506 lbs	37 mph	Flat Black	4x110 mm	+45 mm	2.7 in	50 lbs	07195
		Honda, Kubota, Yamaha	26x9N14	715 lbs	50 mph	Flat Black	4x110 mm	+52 mm	2.7 in	57 lbs	65631
		Polaris	26x9N14	715 lbs	50 mph	Flat Black	4x156 mm	+30 mm	5.2 in	50 lbs	01638
		CanAm/Kawasaki	26x9N14	715 lbs	50 mph	Flat Black	4x137 mm	+48 mm	4.1 in	50 lbs	36384
		John Deere Gator	26x9N14	715 lbs	50 mph	Flat Black	5x4.5 in	+25 mm	3.13 in	50 lbs	43096

TWEEL ADAPTERS



2-Piece Hub X TWEEL SSL shown without a hub adapter installed

2-PIECE HUB MODELS AVAILABLE WITH ADAPTERS

- Four adapters enable the TWEEL® airless radial tire to be used with a range of equipment.



**Hub Adapter
MSPN 47139**
12 mm thick 1015
carbon steel / reversible
8.75" (222.3 mm) center diameter
8 x 10.91" bolt pattern
0.79" (20 mm) bolt holes, no taper
Fits front of Case backhoe
loader machines



**Hub Adapter
MSPN 47462**
12 mm thick 1015
carbon steel / reversible
9.0" (228.6 mm) center diameter
8 x 10.75" bolt pattern
0.67" (17 mm) bolt holes, tapered
Fits some Bobcat machines



**Hub Adapter
MSPN 47868**
12 mm thick 1015
carbon steel / reversible
6.0" (152.4 mm) center diameter
8 x 8.0" bolt pattern
0.67" (17 mm) bolt holes, tapered
Use adapter to change offset on
8 x 8.0" standard fitment size



**Hub Adapter
MSPN 47999**
12 mm thick 1015
carbon steel / reversible
Blank for custom applications,
including a specific bolt
configuration not identified here

TWEEL SPACERS FOR CASTERS

HUB DIAMETER / SPACERS

The TWEEL® caster is available for 5/8" and 3/4" diameter axle bolt diameters (see chart above for part numbers).

NOTE: Depending on axle diameter and fork width, spacers may be required for proper installation. Refer to the chart on the right for part numbers and dimensions.*

Additional machine / spacer information is available online at michelintweel.com.

* Note: John Deere 997 uses two 0.5 in. washers

MSPN	Item	Axle Bolt Diameter	Bushing Width	Assembly / Fork Inside Width
34578		1/2"	5/16"	6-3/8"
38182		1/2"	5/8"	7"
40653		1/2"	1"	7-3/4"
65019		3/4"	1"	7-3/4"

EARTHMOVER TUBES & FLAPS

		MICHELIN® AIRSTOP® TUBES			FLAPS	
RIM DIAMETER	SIZE	TUBE CODE	VALVE REFERENCE	MSPN	FLAP CODE	MSPN
15"	7.50R15	15/16 J	570	17542	15 x 6.00 E MI	38045
	8.25R15	15 K	1221	38850	15 x 6.00 E MI	38045
20"	9.00R20	20 M	1157	25980	20 x 7.50	43689
	10.00R20	20 N	1158	17078	20 x 7.50	43689
	11.00R20	20 P	1158	06934	20 x 8.50 E MI	35472
	12.00R20	20 Q	1158	39144	20 x 8.50 E MI	35472
	14.00R20	20 Q	1158	39144	20 x 10.00 E MI	45030
24"	12.00R24	24 Q	582	11708	24/25 x 8.50 E	63382
	13.00R24	24 TD	577	10168		
	14.00R24					
	14.9R24					
24/25"	14.00R24	24/25 T	752	49015		
	15.00R24					
	13.00R25					
	14.00R25					
	14.00R24	24/25 T AM	1837 (TRJ650)	01072		
	15.00R24					
	14.00R25					
	17.5R25					
	16.00R24	24/25 V AM	1837 (TRJ650)	33216		
	16.00R25					
	20.5R25					
25"	15.5R25	25 S AM	1837 (TRJ650)	11562		
	395/80R25					
	18.00R25	25 W AM	1837 (TRJ650)	36098		
	23.5R25					
	21.00R25	25 YB AM	1837 (TRJ650)	09744		
	26.5R25					
	29.5R25					
33"	33.5R33	33/35 YE AM	1837 (TRJ650)	58257	20-33	15578
35"	33.25R35	33/35 YE AM	1837 (TRJ650)	58257		

Several tube/valve options may be offered for a given tire size. Consult MICHELIN® Earthmover or Industrial Tires Technical Data Books. MICHELIN® AIRSTOP® tubes should be used in MICHELIN® Radial tube-type tires.

INDUSTRIAL TUBES & FLAPS

		MICHELIN® AIRSTOP® TUBES			FLAPS	
RIM DIAMETER	SIZE/TYPE	TUBE CODE	VALVE REFERENCE	MSPN	FLAP CODE	MSPN
8"	5.00R8 (5.70R8) XZM™	8 CG	570	33788		
	150/75R8 (16x6R8) XZM™					
	125/75R8 (15x4 1/2 R8) XZM™	8 B	1003	12764		
	180/70R8 (18x7R8) XZM™	8 D	570	04944		
9"	6.00R9 (6.90R9) XZM™	9 F	570	30370	110-9 LDE	80617
	200/75R9 (21x8R9) XZM™					
10"	6.50R10 XZM™	10 F	1012	30672	150-10 LDE	81200
	225/75R10 (23x9R10) XZM™				7-10	49247
12"	7.00R12 XZM™	12 H	578	13754	125-12LDE	81467
	250/75R12 (27x10R12) XZM™	12 KD	578	08398		
15"	250/70R15 XZM™	15/16 J	570	17542		
	7.00R15 XZM™	15/16 F	570	23262	15x6.00 E MI	38045
	225/75R15 (28x9R15) XZM™					
	8.25R15 XZM™	15 K	1221	38850	15x6.00 E MI	38045
	7.50R15 XZM™	15/16 J	1221	73993	15x6.00 E MI	38045
20"	9.00R20 XZM™	20 M	1157	25980		
	10.00R20 XZM™	20 N	1158	17078		
	11.00R20 XZM™	20 P	1158	06934	20 x 8.50 E MI	35472
	12.00R20 XZM™	20 Q	1158	39144	20 x 8.50 E MI	35472
24"	12.00R24 XZM™	24 Q	582	11708	24/25 x 8.50 E	63382
	14.00R24 XZM™	24/25 T	752	49015		
25"	16.00R25 XZM™	24/25 VAM	1837	33216		
	18.00R25 XZM™ 2 18.00R25 XZM™ 2+	25 WAM		36098		

Several tube/valve options may be offered for a given tire size. Consult MICHELIN® Earthmover or Industrial Tires Technical Data Books. MICHELIN® AIRSTOP® tubes should be used in MICHELIN® Radial tube-type tires.

EARTHMOVER O RINGS

RIM DIAMETER	O RING CODE	REF. NUMBER	MSPN
20"	A20 Tryan-Gasket	R 1443	49411
21"	OR 6-6-21	R 1506	49460
24"	G25 Iceru - Bead Seal	R 1237	23705
24/25"	OR 2-25 Heupo	R 1438	15743
25"	OR 3-25 Sulla	R 1437	15867
29"	OR 3-29 Sulky	R 1439	15875
33"	OR 3-33 Strix	R 1440	15859
35"	OR 3-35 Stras	R 1441	15842
39"	OR 3-39 Fuodi	R 1069	15727
45"	OR 9-8-45	R 1580	26641
49"	OR 3-49 Heyco	R 1442	15750
51"	OR 4-51	R 1479	15883
57"	OR 4-57	R 1481	49452
63"	OR 4-63	R 2053	98091

TIGRE GREASE

Special Michelin lubricant for proper installation of MICHELIN® tires on rims and wheels.

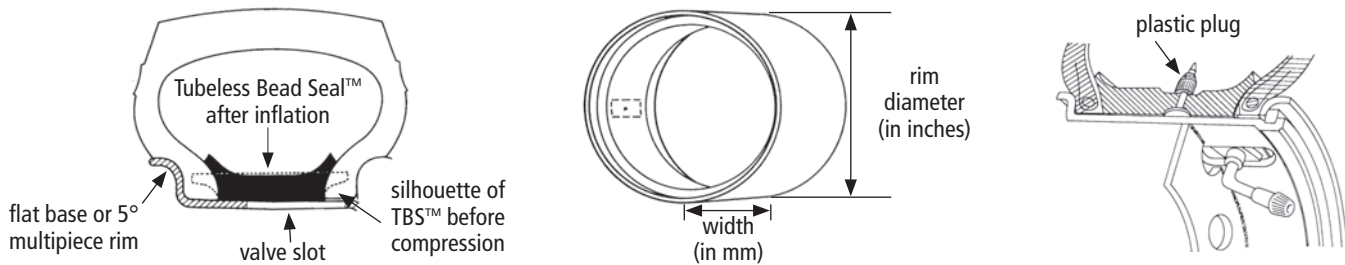
MSPN	MSRP (US\$)
25817	\$30.00 (4 kg container)

TUBELESS BEAD SEAL™ (TBS™)



The MICHELIN® TBS™ replaces the tube and flap in a MICHELIN® Industrial tire, delivering the benefits of tubeless tires without a change of rims. The TBS™ converts standard, tube-style, flat-base rims to tubeless. The simple conversion eliminates all tube-related failures and downtime, eliminating rapid deflations. Using the TBS™ provides performance, productivity and cost savings advantages for industrial operations.

INSTALLATION - CROSS SECTION OF AN INSTALLED TBS™



FITMENT CHART

RIM DIAMETER	WIDTH	MICHELIN® TUBELESS TIRE SIZE			TBS™ DESCRIPTION	CAI	VALVE REFERENCE	PLUG INCLUDED	MSPN
8"	3 1/4 I	5.00R8 TL			80 TL 8	102150	R2102	N/A	84926
	3.00 D								
	4.33 R	150/75R8 TL			110TL 8	613972	R2102	N/A	26718
9"	4.00 E	6.00R9 TL			100 TL 9	102151	R2160	N/A	69795
	6.00 E	200/75R9 TL			150 TL 9	102182	R2102	R2110	15053
10"	5.00 F	6.50R10 TL			125 TL 10	102183	R2102+R2161	N/A	57588
	6.50 F	225/75R10 TL			165 TL 10	62642	R2102	N/A	95035
12"	5.00 S	7.00R12 TL			125 TL 12	522788	R2102	N/A	88386
	8.00 G	250/75R12 TL			200 TL 12	787198	R2101	N/A	29487
15"	5.5	7.00R15 TL			140 TL 15	454346	R2102	N/A	89690
	6	7.00R15 TL	7.50R15 TL		150 TL 15	702507	R2101	N/A	92571
	6.5	7.50R15 TL	8.25R15 TL		165 TL 15	575769	R2102	R2110	84045
	7	8.25R15 TL	225/75R15 TL	250/70R15 TL	175 TL 15	260511	R2102	R2110	74870
	7.5	250/70R15 TL			190 TL 15	464164	R2102	R2110	90392
	9.75	355/65R15 TL			250 TL 15	26320	R2102	R2110	80168
	7	9.00R20 TL	10.00R20 TL		175 TL 20	102087	R2102	R2110	92802
20"	7.5	9.00R20 TL	10.00R20 TL	11.00R20 TL	190 TL 20	102083	R2102	R2110	91073
	8	10.00R20 TL	11.00R20 TL	12.00R20 TL	200 TL 20	102085	R2102	R2110	40123
	8.5	11.00R20 TL	12.00R20 TL		215 TL 20	102086	R2102	R2110	98723

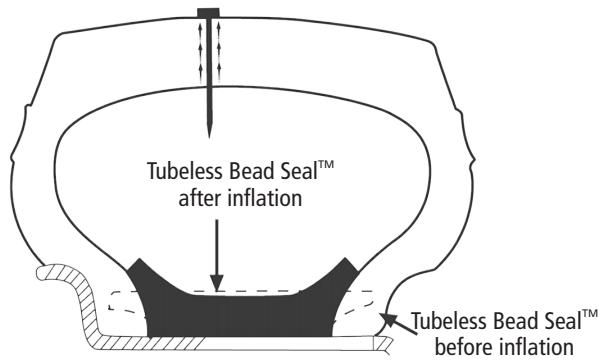
Small-base, extra-short valve (TBS™ 80TL8 and 100TL9)	R2160	45842
Short 94° valve	R2102	52412
Long 94° valve	R2161	03129
Long 120° valve	R2101	90830
Plug	R2110	46701
Washer (To reduce oversized valve/slot opening)	N/A	87557
TBS™ press	N/A	45666

Each TBS™ is shipped with the most common valve size for each dimension (refer to table above).

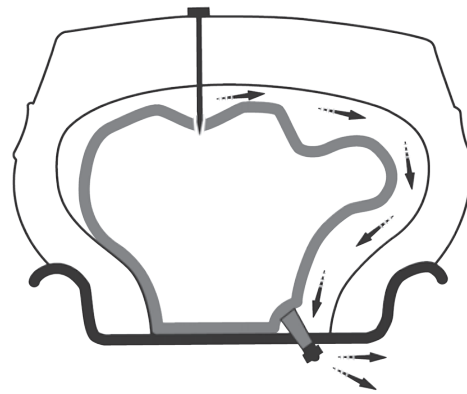
If a different valve is required, please contact Michelin customer service.

TUBELESS BEAD SEAL™ (TBS™)

TUBELESS BEAD SEAL™



TUBE-TYPE SYSTEM



ADVANTAGES:

- Slower air loss
- Equipment still mobile and productive
- No problems with tubes

DISADVANTAGES:

- Rapid deflation
- Risk of load or equipment damage
- Instant work stoppage

TBS™ PRESS

MSPN MSRP (US\$)

45666 **\$753.00**



Equipment Supply Company

Order Directly

1 (800) 352-9852 (US)

1 (352) 754-1117 (Canada & Mexico)

Special Michelin Price

(US\$) **\$350.00 + S/H**

ESCO part #70161

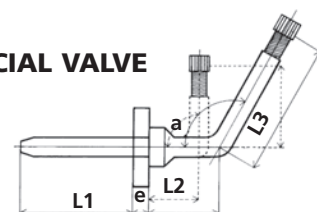
SAFETY

Tire fitters should always wear gloves and safety footwear; however, safety glasses are mandatory. All tire-fitting safety rules must be observed. The fittings area should be clean and well ventilated, and equipment should be in good condition. Always use a safety cage when inflating a tire.

VALVE SPECIFICATIONS

REFERENCE	R2160	R2102	R2101	R2161
a	94°	94°	102°	94°
L1	37mm	37mm	37mm	37mm
L2	18mm	16mm	22.5mm	14mm
L3	25mm	25mm	43mm	55mm
e	3mm	5mm	5mm	5mm

SPECIAL VALVE



NOTES

[illegible]

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Greenville, South Carolina 29602-9001
1-877-574-8473

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2500 Boul. Daniel Johnson, Suite 500
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MEL14890 (5/19)