

MICHELIN XM 47

Radial

for vehicles
up to 55 mph

Speed



Robustness



Service life



■ Very good handling guaranteed up to 55 mph on-road and excellent off-road performance

■ **Large footprint low pressure capability**

- Great on-road comfort and good grip in off-road conditions
- Comfort and efficiency in soft or difficult conditions

■ **Wide and solid tread blocks**

- Good resistance to wear

■ **Radial carcass**

- High speed up to 55 mph*
- Resistant to heat build-up



■ **Rounded shoulders**

- Resistant to tread chunking



Backhoe Loaders



Loaders

*Remember that it is forbidden to break legal speed limits

Sizes

405/70 R20 TL 136G
425/75 R20 TL 148G

445/70 R24 TL 151G

495/70 R24 TL 155G



405/70 R20 136G TL XM47
MSPN: 43043 **CAI: 123708**

Load per tire (single)						
55 mph	40 mph	25 mph	20 mph	6 mph	Stat	Pressure
90 km/h	65 km/h	40 km/h	30 km/h	10 km/h	Stat	
1,720 lbs	1,870 lbs	1,980 lbs	2,140 lbs	3,090 lbs	4,300 lbs	15 psi
780 kgs	850 kgs	900 kgs	970 kgs	1,400 kgs	1,950 kgs	1.0 bar
1,930 lbs	2,090 lbs	2,230 lbs	2,400 lbs	3,460 lbs	4,820 lbs	17 psi
875 kgs	950 kgs	1,010 kgs	1,090 kgs	1,570 kgs	2,185 kgs	1.2 bar
2,350 lbs	2,550 lbs	2,700 lbs	2,920 lbs	4,210 lbs	5,850 lbs	23 psi
1,065 kgs	1,155 kgs	1,225 kgs	1,325 kgs	1,910 kgs	2,655 kgs	1.6 bar
2,760 lbs	3,000 lbs	3,170 lbs	3,440 lbs	4,960 lbs	6,890 lbs	29 psi
1,250 kgs	1,360 kgs	1,440 kgs	1,560 kgs	2,250 kgs	3,125 kgs	2.0 bar
3,170 lbs	3,450 lbs	3,660 lbs	3,960 lbs	5,710 lbs	7,940 lbs	35 psi
1,440 kgs	1,565 kgs	1,660 kgs	1,795 kgs	2,590 kgs	3,600 kgs	2.4 bar
3,590 lbs	3,890 lbs	4,130 lbs	4,490 lbs	6,450 lbs	8,970 lbs	41 psi
1,630 kgs	1,765 kgs	1,875 kgs	2,035 kgs	2,925 kgs	4,070 kgs	2.8 bar
4,000 lbs	4,340 lbs	4,610 lbs	5,000 lbs	7,200 lbs	10,010 lbs	46 psi
1,815 kgs	1,970 kgs	2,090 kgs	2,270 kgs	3,265 kgs	4,540 kgs	3.2 bar
4,420 lbs	4,800 lbs	5,090 lbs	5,520 lbs	7,950 lbs	11,050 lbs	52 psi
2,005 kgs	2,175 kgs	2,310 kgs	2,505 kgs	3,605 kgs	5,010 kgs	3.6 bar
4,630 lbs	5,020 lbs	5,320 lbs	5,790 lbs	8,320 lbs	11,560 lbs	55 psi
2,100 kgs	2,275 kgs	2,415 kgs	2,625 kgs	3,775 kgs	5,245 kgs	3.8 bar
4,940 lbs	5,360 lbs	5,690 lbs	6,170 lbs	8,880 lbs	12,350 lbs	59 psi
2,240 kgs	2,430 kgs	2,580 kgs	2,800 kgs	4,030 kgs	5,600 kgs	4.1 bar

*All load values are for maximum indicated speeds at low torque.
***20 mph (30 km/h): high torque field work or max road speed.**
 *All load values for ground slopes up to 20% (above 20% consult Michelin)

Tire Technical Data								
Unloaded Dimensions		Loaded Dimensions		Rims (preferred in bold)				
Overall Width	Overall Diameter	Loaded Radius	Rolling Circumference					
15.6 in	42.6 in	19.3 in	127.2 in	11 W10, 11SDC				
397 mm	1,082 mm	490 mm	3,232 mm					
<table border="1"> <tr><td>Rolling Circumference Index</td></tr> <tr><td>0</td></tr> <tr><td>Number of Lugs</td></tr> <tr><td>18 x 2</td></tr> </table>				Rolling Circumference Index	0	Number of Lugs	18 x 2	Tube MSPN
Rolling Circumference Index								
0								
Number of Lugs								
18 x 2								
				Tube CAI 171112, R1681				
				Minimum Dual/Triple Spacing				
Gross Flat Plate	Tire Weight	100% Tire Volume	Centerline Tread Depth	20.2 in				
154 sq in	155 lbs	48.3 gals	35/32nd	514 mm				
991 sq cm	70 kgs	183 liters	28 mm					

425/75 R20 148G TL XM47
MSPN: 75328 **CAI: 123706**

Load per tire (single)						
55 mph	40 mph	25 mph	20 mph	6 mph	Stat	Pressure
90 km/h	65 km/h	40 km/h	30 km/h	10 km/h	Stat	
2,430 lbs	2,620 lbs	2,780 lbs	3,020 lbs	4,340 lbs	6,060 lbs	15 psi
1,100 kgs	1,190 kgs	1,260 kgs	1,370 kgs	1,970 kgs	2,750 kgs	1.0 bar
2,710 lbs	2,940 lbs	3,110 lbs	3,380 lbs	4,870 lbs	6,790 lbs	17 psi
1,230 kgs	1,335 kgs	1,410 kgs	1,535 kgs	2,210 kgs	3,080 kgs	1.2 bar
3,300 lbs	3,570 lbs	3,780 lbs	4,110 lbs	5,920 lbs	8,250 lbs	23 psi
1,495 kgs	1,620 kgs	1,715 kgs	1,865 kgs	2,685 kgs	3,740 kgs	1.6 bar
3,880 lbs	4,210 lbs	4,450 lbs	4,850 lbs	6,980 lbs	9,710 lbs	29 psi
1,760 kgs	1,910 kgs	2,020 kgs	2,200 kgs	3,165 kgs	4,405 kgs	2.0 bar
4,460 lbs	4,840 lbs	5,130 lbs	5,580 lbs	8,020 lbs	11,170 lbs	35 psi
2,025 kgs	2,195 kgs	2,325 kgs	2,530 kgs	3,640 kgs	5,065 kgs	2.4 bar
5,050 lbs	5,480 lbs	5,800 lbs	6,310 lbs	9,080 lbs	12,620 lbs	41 psi
2,290 kgs	2,485 kgs	2,630 kgs	2,860 kgs	4,120 kgs	5,725 kgs	2.8 bar
5,630 lbs	6,120 lbs	6,470 lbs	7,040 lbs	10,130 lbs	14,080 lbs	46 psi
2,555 kgs	2,775 kgs	2,935 kgs	3,195 kgs	4,595 kgs	6,385 kgs	3.2 bar
6,220 lbs	6,750 lbs	7,140 lbs	7,770 lbs	11,190 lbs	15,540 lbs	52 psi
2,820 kgs	3,060 kgs	3,240 kgs	3,525 kgs	5,075 kgs	7,050 kgs	3.6 bar
6,500 lbs	7,070 lbs	7,470 lbs	8,140 lbs	11,710 lbs	16,270 lbs	55 psi
2,950 kgs	3,205 kgs	3,390 kgs	3,690 kgs	5,310 kgs	7,380 kgs	3.8 bar
6,940 lbs	7,540 lbs	7,980 lbs	8,690 lbs	12,500 lbs	17,360 lbs	59 psi
3,150 kgs	3,420 kgs	3,620 kgs	3,940 kgs	5,670 kgs	7,875 kgs	4.1 bar

*All load values are for maximum indicated speeds at low torque.
***20 mph (30 km/h): high torque field work or max road speed.**
 *All load values for ground slopes up to 20% (above 20% consult Michelin)

Tire Technical Data								
Unloaded Dimensions		Loaded Dimensions		Rims (preferred in bold)				
Overall Width	Overall Diameter	Loaded Radius	Rolling Circumference					
17.3 in	45.4 in	20.2 in	135.1 in	13 11, 11SDC, 13SDC				
440 mm	1,152 mm	513 mm	3,431 mm					
<table border="1"> <tr><td>Rolling Circumference Index</td></tr> <tr><td>0</td></tr> <tr><td>Number of Lugs</td></tr> <tr><td>18 x 2</td></tr> </table>				Rolling Circumference Index	0	Number of Lugs	18 x 2	Tube MSPN 58360
Rolling Circumference Index								
0								
Number of Lugs								
18 x 2								
				Tube CAI 171112				
				Minimum Dual/Triple Spacing				
Gross Flat Plate	Tire Weight	100% Tire Volume	Centerline Tread Depth	21.9 in				
194 sq in	183 lbs	65.2 gals	38/32nd	556 mm				
1,252 sq cm	83 kgs	247 liters	30 mm					

NOTE:
 • When used as duals, tire load carrying capacity must be reduced 12%
 • When used as triples, tire load carrying capacity must be reduced 18%



MICHELIN XM 47

Radial

for vehicles
up to 55 mph

445/70 R24 151G TL XM47

MSPN: 45627

CAI: 123642

Load per tire (single)						
55 mph 90 km/h	40 mph 65 km/h	25 mph 40 km/h	20 mph 30 km/h	6 mph 10 km/h	Stat Stat	Pressure
2,650 lbs	2,870 lbs	3,040 lbs	3,310 lbs	4,760 lbs	6,610 lbs	15 psi
1,200 kgs	1,300 kgs	1,380 kgs	1,500 kgs	2,160 kgs	3,000 kgs	1.0 bar
2,970 lbs	3,210 lbs	3,410 lbs	3,700 lbs	5,340 lbs	7,420 lbs	17 psi
1,345 kgs	1,455 kgs	1,545 kgs	1,680 kgs	2,420 kgs	3,365 kgs	1.2 bar
3,600 lbs	3,900 lbs	4,140 lbs	4,510 lbs	6,490 lbs	9,020 lbs	23 psi
1,635 kgs	1,770 kgs	1,880 kgs	2,045 kgs	2,945 kgs	4,090 kgs	1.6 bar
4,240 lbs	4,600 lbs	4,880 lbs	5,300 lbs	7,640 lbs	10,620 lbs	29 psi
1,925 kgs	2,085 kgs	2,215 kgs	2,405 kgs	3,465 kgs	4,815 kgs	2.0 bar
4,880 lbs	5,290 lbs	5,620 lbs	6,110 lbs	8,800 lbs	12,210 lbs	35 psi
2,215 kgs	2,400 kgs	2,550 kgs	2,770 kgs	3,990 kgs	5,540 kgs	2.4 bar
5,520 lbs	5,990 lbs	6,360 lbs	6,900 lbs	9,940 lbs	13,810 lbs	41 psi
2,505 kgs	2,715 kgs	2,885 kgs	3,130 kgs	4,510 kgs	6,265 kgs	2.8 bar
6,160 lbs	6,680 lbs	7,100 lbs	7,710 lbs	11,100 lbs	15,410 lbs	46 psi
2,795 kgs	3,030 kgs	3,220 kgs	3,495 kgs	5,035 kgs	6,990 kgs	3.2 bar
6,800 lbs	7,370 lbs	7,830 lbs	8,500 lbs	12,250 lbs	17,020 lbs	52 psi
3,085 kgs	3,345 kgs	3,550 kgs	3,855 kgs	5,555 kgs	7,720 kgs	3.6 bar
7,120 lbs	7,730 lbs	8,200 lbs	8,910 lbs	12,830 lbs	17,810 lbs	55 psi
3,230 kgs	3,505 kgs	3,720 kgs	4,040 kgs	5,820 kgs	8,080 kgs	3.8 bar
7,610 lbs	8,250 lbs	8,750 lbs	9,500 lbs	13,690 lbs	19,010 lbs	59 psi
3,450 kgs	3,740 kgs	3,970 kgs	4,310 kgs	6,210 kgs	8,625 kgs	4.1 bar

*All load values are for maximum indicated speeds at low torque.

***20 mph (30 km/h): high torque field work or max road speed.**

*All load values for ground slopes up to 20% (above 20% consult Michelin)

Tire Technical Data												
Unloaded Dimensions		Loaded Dimensions		Rims (preferred in bold)								
Overall Width	Overall Diameter	Loaded Radius	Rolling Circumference									
18.1 in	48.9 in	22.2 in	145.9 in	DW15L W14L, DW14L, W15L								
460 mm	1,242 mm	564 mm	3,705 mm									
<table border="1"> <tr><td>Rolling Circumference Index</td></tr> <tr><td>0</td></tr> <tr><td>Number of Lugs</td></tr> <tr><td>18 x 2</td></tr> </table>				Rolling Circumference Index	0	Number of Lugs	18 x 2	Tube MSPN 44140				
Rolling Circumference Index												
0												
Number of Lugs												
18 x 2												
<table border="1"> <tr><td>Gross Flat Plate</td></tr> <tr><td>216 sq in</td></tr> <tr><td>Tire Weight</td></tr> <tr><td>205 lbs</td></tr> <tr><td>100% Tire Volume</td></tr> <tr><td>74.0 gals</td></tr> <tr><td>Centerline Tread Depth</td></tr> <tr><td>43/32nd</td></tr> </table>				Gross Flat Plate	216 sq in	Tire Weight	205 lbs	100% Tire Volume	74.0 gals	Centerline Tread Depth	43/32nd	Tube CAI 170042
Gross Flat Plate												
216 sq in												
Tire Weight												
205 lbs												
100% Tire Volume												
74.0 gals												
Centerline Tread Depth												
43/32nd												
<table border="1"> <tr><td>Gross Flat Plate</td></tr> <tr><td>1,392 sq cm</td></tr> <tr><td>Tire Weight</td></tr> <tr><td>93 kgs</td></tr> <tr><td>100% Tire Volume</td></tr> <tr><td>280 liters</td></tr> <tr><td>Centerline Tread Depth</td></tr> <tr><td>34 mm</td></tr> </table>				Gross Flat Plate	1,392 sq cm	Tire Weight	93 kgs	100% Tire Volume	280 liters	Centerline Tread Depth	34 mm	Minimum Dual/Triple Spacing 23.5 in 597 mm
Gross Flat Plate												
1,392 sq cm												
Tire Weight												
93 kgs												
100% Tire Volume												
280 liters												
Centerline Tread Depth												
34 mm												

495/70 R24 155G TL XM47

MSPN: 88892

CAI: 123620

Load per tire (single)						
55 mph 90 km/h	40 mph 65 km/h	25 mph 40 km/h	20 mph 30 km/h	6 mph 10 km/h	Stat Stat	Pressure
2,980 lbs	3,220 lbs	3,420 lbs	3,730 lbs	5,360 lbs	7,440 lbs	15 psi
1,350 kgs	1,460 kgs	1,550 kgs	1,690 kgs	2,430 kgs	3,375 kgs	1.0 bar
3,340 lbs	3,600 lbs	3,840 lbs	4,180 lbs	6,010 lbs	8,340 lbs	17 psi
1,515 kgs	1,635 kgs	1,740 kgs	1,895 kgs	2,725 kgs	3,785 kgs	1.2 bar
4,060 lbs	4,390 lbs	4,660 lbs	5,070 lbs	7,300 lbs	10,140 lbs	23 psi
1,840 kgs	1,990 kgs	2,115 kgs	2,300 kgs	3,310 kgs	4,600 kgs	1.6 bar
4,770 lbs	5,170 lbs	5,490 lbs	5,960 lbs	8,600 lbs	11,940 lbs	29 psi
2,165 kgs	2,345 kgs	2,490 kgs	2,705 kgs	3,900 kgs	5,415 kgs	2.0 bar
5,500 lbs	5,940 lbs	6,320 lbs	6,870 lbs	9,890 lbs	13,730 lbs	35 psi
2,495 kgs	2,695 kgs	2,865 kgs	3,115 kgs	4,485 kgs	6,230 kgs	2.4 bar
6,220 lbs	6,720 lbs	7,140 lbs	7,760 lbs	11,180 lbs	15,540 lbs	41 psi
2,820 kgs	3,050 kgs	3,240 kgs	3,520 kgs	5,070 kgs	7,050 kgs	2.8 bar
6,930 lbs	7,510 lbs	7,970 lbs	8,650 lbs	12,480 lbs	17,340 lbs	46 psi
3,145 kgs	3,405 kgs	3,615 kgs	3,925 kgs	5,660 kgs	7,865 kgs	3.2 bar
7,650 lbs	8,290 lbs	8,800 lbs	9,550 lbs	13,770 lbs	19,140 lbs	52 psi
3,470 kgs	3,760 kgs	3,990 kgs	4,330 kgs	6,245 kgs	8,680 kgs	3.6 bar
8,010 lbs	8,680 lbs	9,220 lbs	10,000 lbs	14,420 lbs	20,040 lbs	55 psi
3,635 kgs	3,935 kgs	4,180 kgs	4,535 kgs	6,540 kgs	9,090 kgs	3.8 bar
8,550 lbs	9,260 lbs	9,830 lbs	10,670 lbs	15,390 lbs	21,380 lbs	59 psi
3,880 kgs	4,200 kgs	4,460 kgs	4,840 kgs	6,980 kgs	9,700 kgs	4.1 bar

*All load values are for maximum indicated speeds at low torque.

***20 mph (30 km/h): high torque field work or max road speed.**

*All load values for ground slopes up to 20% (above 20% consult Michelin)

Tire Technical Data												
Unloaded Dimensions		Loaded Dimensions		Rims (preferred in bold)								
Overall Width	Overall Diameter	Loaded Radius	Rolling Circumference									
19.9 in	51.7 in	23.1 in	154.2 in	DW16L W16L								
506 mm	1,313 mm	587 mm	3,916 mm									
<table border="1"> <tr><td>Rolling Circumference Index</td></tr> <tr><td>0</td></tr> <tr><td>Number of Lugs</td></tr> <tr><td>18 x 2</td></tr> </table>				Rolling Circumference Index	0	Number of Lugs	18 x 2	Tube MSPN 44140				
Rolling Circumference Index												
0												
Number of Lugs												
18 x 2												
<table border="1"> <tr><td>Gross Flat Plate</td></tr> <tr><td>252 sq in</td></tr> <tr><td>Tire Weight</td></tr> <tr><td>256 lbs</td></tr> <tr><td>100% Tire Volume</td></tr> <tr><td>87.2 gals</td></tr> <tr><td>Centerline Tread Depth</td></tr> <tr><td>44/32nd</td></tr> </table>				Gross Flat Plate	252 sq in	Tire Weight	256 lbs	100% Tire Volume	87.2 gals	Centerline Tread Depth	44/32nd	Tube CAI 170042
Gross Flat Plate												
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<table border="1"> <tr><td>Gross Flat Plate</td></tr> <tr><td>1,626 sq cm</td></tr> <tr><td>Tire Weight</td></tr> <tr><td>116 kgs</td></tr> <tr><td>100% Tire Volume</td></tr> <tr><td>330 liters</td></tr> <tr><td>Centerline Tread Depth</td></tr> <tr><td>35 mm</td></tr> </table>				Gross Flat Plate	1,626 sq cm	Tire Weight	116 kgs	100% Tire Volume	330 liters	Centerline Tread Depth	35 mm	Minimum Dual/Triple Spacing 25.6 in 650 mm
Gross Flat Plate												
1,626 sq cm												
Tire Weight												
116 kgs												
100% Tire Volume												
330 liters												
Centerline Tread Depth												
35 mm												

NOTE:

- When used as duals, tire load carrying capacity must be reduced 12%
- When used as triples, tire load carrying capacity must be reduced 18%

