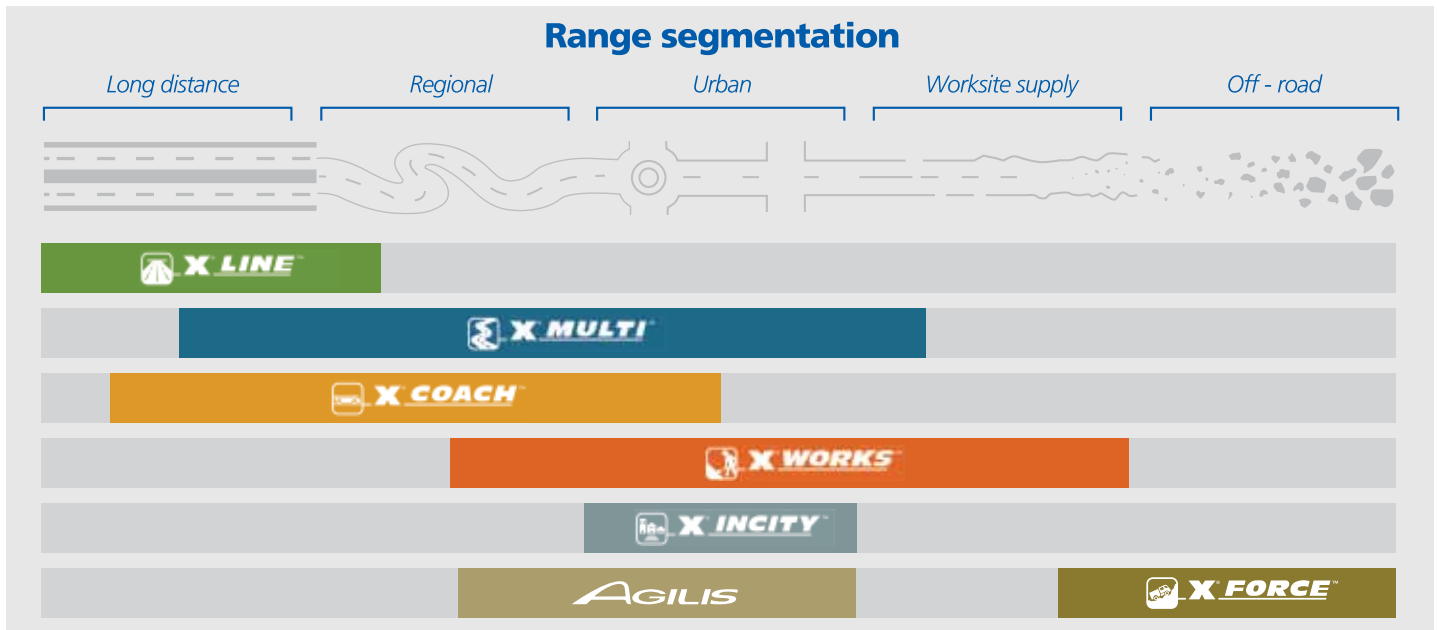




MICHELIN TYRE
PRODUCT
GUIDE
TRUCK & BUS

MICHELIN Truck & Bus Tyre Positioning Map & Product Lineup



MICHELIN X® LINE™

MICHELIN X® LINE™ offers reliable and cost effective tyre solution for long haulers, bringing fuel efficiency and excellent durability



MICHELIN X® MULTI™

MICHELIN X® MULTI™ offers outstanding durability and mobility on all kinds of roads and in all seasons for versatile activities



MICHELIN X® COACH™

MICHELIN X® COACH™ provides safe, comfortable and cost effective tyre solutions especially designed for coach, insuring better fuel efficiency and durability



MICHELIN X® WORKS™

MICHELIN X® WORKS™ brings robustness, durability and on/off-road mobility for tippers, mixers, and construction service



MICHELIN X® INCITY™

MICHELIN X® INCITY™ provides reliable and cost effective tyre solutions especially designed for urban conditions, with optimized environmental impacts



MICHELIN AGILIS

MICHELIN AGILIS™ provides resistance to damage, durability and peace of mind for the light trucks user on day to day urban applications



More tyres available on our website: xxxxxxxxxxxx



MICHELIN

X[®] LINE™

MICHELIN X[®] LINE™ offers reliable and cost effective tyre solution for long haulers, bringing fuel efficiency and excellent durability

01 Low rolling resistant tread compound*

02 Even wear for long tyre life mileage and lower operating cost

03 High safety and reliability for reduced downtime

MICHELIN X LINE ENERGY Z



MICHELIN Tyres, designed to deliver performance made to last.

Other product offers:



MICHELIN X LINE ENERGY F



MICHELIN X LINE ENERGY T

* When fitted to all positions
More tyres available on our website: xxxxxxxxxxxx

TECHNOLOGY



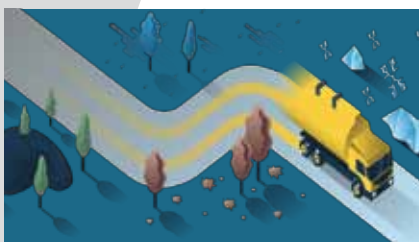
Fuel efficiency

- Excellent fuel efficiency thanks to new rolling resistance design technology



Even wear

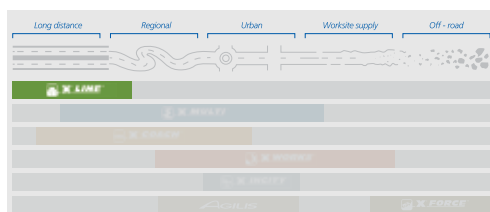
- New tread rubber compound for low wear rate tread rubber and high tread life



Enhanced safety and reliability

- New tread pattern design providing optimal grip on wet roads and winter conditions

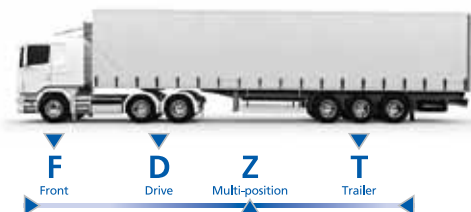
POSITIONING MAP



AVAILABLE SIZES

**385/55R22.5 - 385/65R22.5 - 445/45R19.5 -
295/60R22.5 - 295/80R22.5 - 315/60R22.5 -
12R22.5 - 11R22.5**

WHEEL POSITION





MICHELIN **X[®] MULTI[™]**

MICHELIN X[®] MULTI[™] offers outstanding durability and mobility on all kinds of roads and in all seasons for versatile activities

01 Even wear for long tyre life mileage

02 Excellent retreadability

03 Diversity of applications

- Adaptable to your usage

MICHELIN X MULTI Z 2

NEW



MICHELIN Tyres, designed to deliver performance made to last.

Other product offers:



**MICHELIN
X MULTI Z**



**MICHELIN
X MULTI D+**



**MICHELIN
X MULTI D**



**MICHELIN
X MULTI T**



**MICHELIN
X MULTI T2**

NEW

TECHNOLOGY



Even wear for long, tyre mileage

- New long lasting tyre life tread compound to improve tyre life, providing outstanding handling while ensuring excellent mileage and even wear



Excellent retreadability

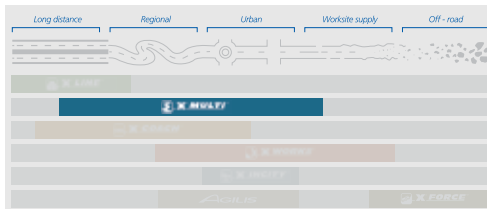
- Full width elastic protector ply for enhanced casing protection
- Michelin's rectangular bead bundle, a Michelin exclusive, to minimize fatigue and extend casing life



Road handling and grip

- Tread pattern optimized for improved handling on urban, regional and highway roads

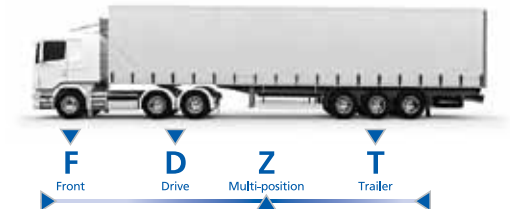
POSITIONING MAP



AVAILABLE SIZES

**9.5R17.5 - 11R22.5 - 12R22.5 - 275/70R22.5 -
 295/80R22.5 - 305/70R22.5 - 385/65R22.5 -
 385/55R22.5 - 315/70R22.5 - 295/60R22.5 -
 285/70R19.5 - 265/70R19.5 - 245/70R19.5 -
 245/70R17.5 - 235/75R17.5 - 225/75R17.5 -
 215/75R17.5 - 205/75R17.5**

WHEEL POSITION





MICHELIN **X[®] COACH[™]**

MICHELIN X[®] COACH[™] provides safe, comfortable and cost effective tyre solutions especially designed for coach, ensuring better fuel efficiency and durability

01 **High safety through wet grip**

02 **High mileage performance**

03 **Fuel efficiency**

MICHELIN X COACH ENERGY Z



MICHELIN Tyres, designed to deliver performance made to last.

Other product offers:



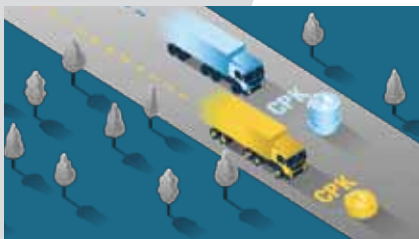
**MICHELIN
X COACH XD**

TECHNOLOGY



High safety through wet grip

- Tread pattern specially designed for the rapid evacuation of water and snow



High mileage performance

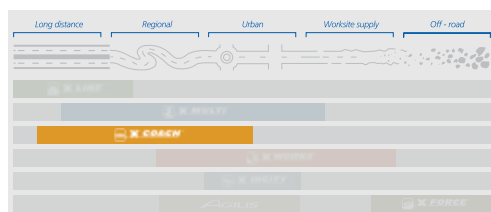
- Double wave sipe technology for excellent wet grip, long life and uneven wear resistance performance



Fuel efficiency

- Better fuel saving due to new low rolling resistance tyre design technology

POSITIONING MAP



AVAILABLE SIZES

295/80R22.5

WHEEL POSITION





MICHELIN **X[®] WORKS[™]**

MICHELIN X[®] WORKS[™] brings robustness, durability and on/off-road mobility for tippers, mixers, and construction service

01 High resistance to damage

- Increased tyre life, reducing overall tyre cost

02 Long mileage*

03 Grip performance in demanding on/off road surfaces

- Increased productivity to keep your business moving safely

MICHELIN X WORKS HD Z



MICHELIN Tyres, designed to deliver performance made to last.

Other product offers:



**MICHELIN
X WORKS HD D**



**MICHELIN
X WORKS XTY 2**

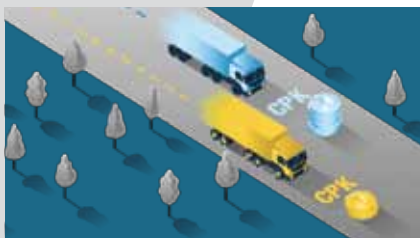
* Results driven by tyres of different brands and patterns fitted to vehicle steering axles in Asia markets; best represented in on / off road application. More tyres available on our website: xxxxxxxxxxxx

TECHNOLOGY



High resistance to damage

- Thick shock-absorbing cushion gum for extra protection against impact shocks



Long mileage

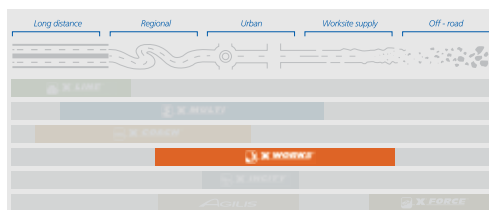
- Wider protector ply for extra protection and casing durability



Grip performance

- Tread design provides excellent grip and durability against road hazards

POSITIONING MAP



AVAILABLE SIZES

265/70R19.5 - 275/70R22.5 - 295/80R22.5
315/80R22.5 - 13R22.5

WHEEL POSITION



MICHELIN

X[®] INCITY[™]

MICHELIN X[®] INCITY[™] provides reliable and cost effective tyre solutions especially designed for urban conditions, with optimized environmental impacts

01 High safety through high wet grip

02 Even wear for long tyre mileage

03 High damage resistance for urban environment

MICHELIN Tyres, designed to deliver performance made to last.

MICHELIN X INCITY Z



Other product offers:



MICHELIN
X INCITY XZU 3+

MICHELIN

AGILIS

Offers high mileage and robustness for professional use

01 High mileage

Class leading performances

02 Strong

With thick sidewall protection against urban obstacles

03 Comfortable and easy driving on uneven roads

04 Low rolling noise due to specific tread pattern design



MICHELIN

AGILIS LT

Radial all position 16" light truck tyre for on road operations

01 Long-lasting for lower operating costs

With very good even wear

02 Durable grip for safety on the road during the whole tyre life

03 Excellent fuel efficiency



TECHNOLOGY



Long Lasting for lower operating cost

- Longer and flatter contact patch provided by Michelin radial technology delivers the best even wear and high mileage



Durable grip for safety on the road

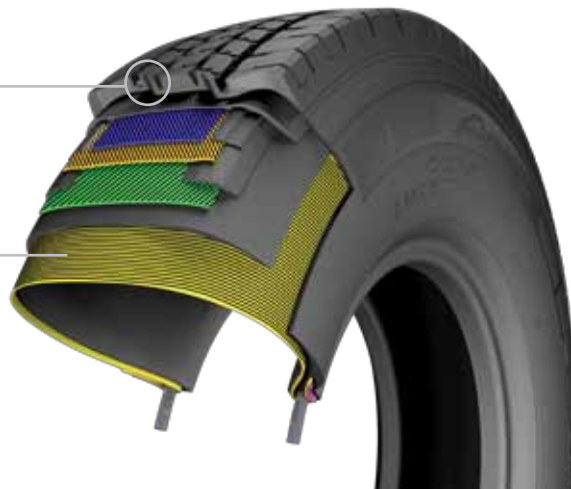
- Over 240 double wave and full depth sipes provide outstanding grip until the last usable millimeter



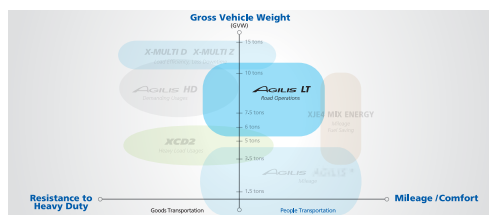
Excellent fuel efficiency

- Lower rolling resistance thanks to radial architecture and specific compound

*Based on internal results



POSITIONING MAP



MICHELIN

AGILIS³

Tyre delivers you and your passengers uncompromised safety performance

01 Safety Made To Last

- Shorter wet braking distance when new (5%) and when worn (11%) compared with leading competitor*

02 Your Partner for Longer

- Michelin's excellence in longevity proven by +25% more mileage vs previous generation**
- Less downtime for you and your business

03 Every Drop Counts

- 12%*** superior rolling resistance resulting in reduced fuel consumption giving you the environmental advantage



MICHELIN Tyres, designed to deliver performances made to last.

For more information, visit www.michelin.com.country

*Wet braking test 80 to 0 kph, conducted by TUV Rheinland Thailand Ltd, on Michelin's request, in Jun 2020, on dimension 215/70R 15C on Toyota Hiace Commuter, laden condition of 2,950 kg GVW. Comparing new and worn MICHELIN Agilis 3 RC versus three other competitor brands of tyres. Wet braking reference: TUV Rheinland Thailand Ltd, Technical Report No. 242107901 001

**Test results from Michelin internal test, conducted on real roads in Thailand, with 215/70R 15C Tyres fitted on Ford Ranger (pick-up truck). Load: Front axle: 1446 kg / Rear axle: 1443 kg. Wear life index was calculated by the "Harmonic average" of 4 tyres assuming the Customer regularly rotates tyres.

***Rolling Resistance Test performed at Thailand Automotive Institute and certified by TUV Rheinland Thailand Ltd, on Michelin's request, in December 2019, on dimension 215/70R15C. Comparing MICHELIN Agilis 3 RC versus other competitor brands.

TECHNOLOGY

Innovative compound

For improved wet grip, longer mileage and lower rolling resistance.

Stone ejectors

To prevent stone trapping and lessen downtime, resulting to low running cost.

Sidewall shields

Abrasion-resistant rubber compounds that give extra sidewall protection

U shape grooves

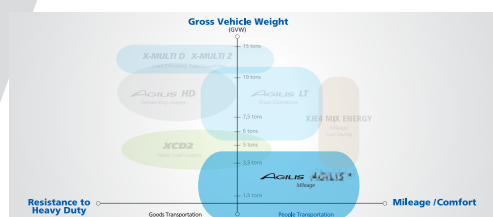
A more 'vertical' sidewall increases void ratio at 2 mm remaining tread depth thus allows a higher water clearance for lasting wet grip performance

Full depth sipes

Ensuring good flexibility of the tread blocks, for better wet grip performance both when new and when worn



POSITIONING MAP



TYPICAL VEHICLE FITMENTS

- Ford Transit
- Hyundai Starex/H1
- Isuzu D-Max
- Mercedes Sprinter
- Nissan Urvan
- Toyota Commuter
- Toyota Hiace
- Toyota Hilux

KEY SIZES AVAILABLE

- 185R14 – 195/80R14 – 205/70R14 –
- 195/70R15 – 195R15 – 205/70R15 –
- 215/70R15 – 215/70R16 – 235/65R16 –
- 215/65R17 – 235/60R17

For more sizes, consult your Account Manager



MICHELIN AGILIS HD

Radial all position 16" light truck tyre for demanding usages

- 01 **Minimized operating costs thanks to fewer premature tyre damages**

- 02 **Peace of mind under challenging conditions with improved casing robustness**

- 03 **Traction on rough surface with aggressive tread pattern design**

- 04 **Very good polyvalency for any kind of road**



TECHNOLOGY



Minimized operating costs thanks to fewer premature tyre damages

- 30% bigger cables for summit protection belts, bead and casing ply



Peace of mind under challenging conditions with improved casing robustness

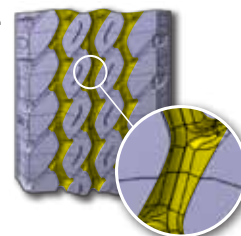
- 2 Kgs of additional metallic reinforcement added compared to non HD casing*



Traction on rough surface with aggressive tread pattern design

- Tread compound resistant to cut chip damages from rugged road
- 10.5 mm wide zigzag grooves and high tread groove ration at 21.6%

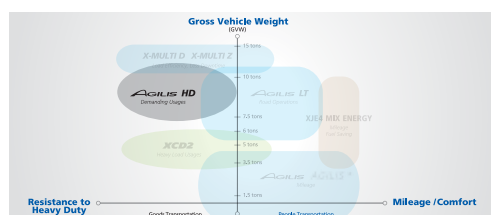
*Based on internal results



Groove width at 10.5 mm



POSITIONING MAP



MICHELIN XCD2

Your trusted partner to carry your load safely

01 **High loading capacity**

Perfect choice for tough commercial users

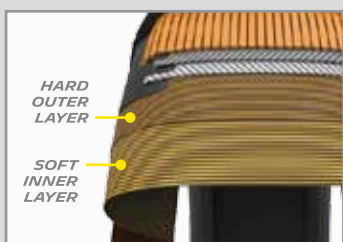
02 **Robust and strong**

Built to endure and last with ability to carry heavy loads with maximum safety

03 **Good handling even in heavy load situation**



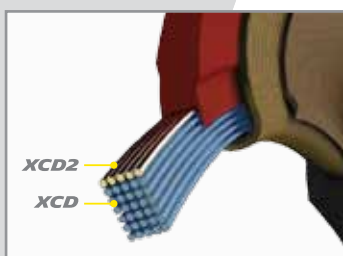
TECHNOLOGY



Endures more trips

with a combination of rubber compounds

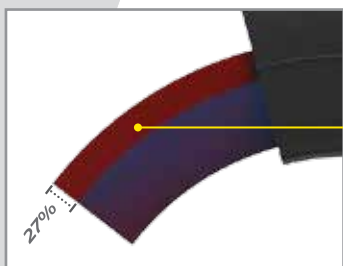
- Hard outer layer of 100% natural rubber protects casing ply
- Soft inner layer of synthetic rubber content lowers heat generation



Increased robustness

with maximum bead strength

- Five more wires in bead package
- 20% stronger bead
- Improved resistance to bead failure
- Improved damage resistance during fitting and removal

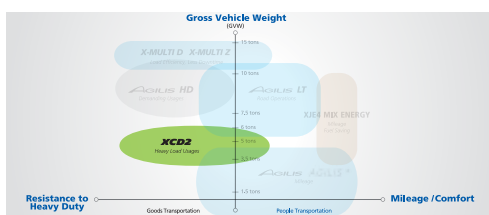


Better handling

with rubber insert on lower sidewall

- 27% increased height*
- 45% higher bead reinforcement*
- More rigid sidewall
- Improved handling stability

POSITIONING MAP



All claims are made in comparison to the previous generation of MICHELIN XCD tyres.

*Based on MICHELIN XCD2 size 205/70 R15C

