TIRES WITH ABILITY

MICHELIN® TIRES FOR ON/OFF ROAD AND REFUSE APPLICATIONS
The last thing you want to worry about is whether your tires can handle it. MICHELIN® ON/OFF road and Refuse tires are engineered with the ability to handle the toughest challenges your application can dish out, providing dependable performance which maximizes your uptime and operational efficiency.

**DURABILITY**

When you’re on the job, there’s just no time for delays affecting your work and your bottom line. That’s why MICHELIN® ON/OFF road tires are made to maximize uptime. Robust treads and extra-thick sidewalls help reduce damage from punctures and impacts. Plus, on many of our tires, Michelin’s Co-Ex Technology with two layers of application-specific compounds helps preserve the casing and protects the tread surface from aggression or scrub.

**WORKABILITY**

In ON/OFF road and refuse applications, tires can really take a beating. That’s why MICHELIN® ON/OFF road and Refuse tires—as well as our Retreads—are engineered to rise to the challenge. They’re made to get the job done right, while standing up to the challenges of the toughest applications, from urban scrub to heavy impacts to mud. Take advantage of innovative tread designs that help improve traction and mud evacuation, thus reducing the likelihood of getting stuck and maximizing the uptime of your fleet.

**RETREADABILITY**

In ON/OFF road markets, and even more so in refuse, fleets demand tires with casings designed for multiple retreads. MICHELIN® tire casings are engineered to resist heat and damage, making them extraordinarily long-lasting. It’s here that we deliver on designs which provide years of service, including retreads, and maximize the tire lifecycle.

**PROFITABILITY**

At the end of the day, it all comes down to the bottom line. MICHELIN® ON/OFF road and Refuse tires deliver better removal mileage and casings that can be used multiple times in retreads, leading to a more cost-efficient operation. Our tires also provide realized savings by standing up to tough applications which maximizes your fleet’s uptime. The result? A positive impact on your profitability.

Together, increased removal mileage, durable casings and time savings all add up to a bigger bottom line, proving once again that The Right Tire Changes Everything™.
<table>
<thead>
<tr>
<th>ON/OFF ROAD APPLICATION</th>
<th>FUNCTIONALITY/PERFORMANCE</th>
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<tbody>
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<td>OFF-ROAD TRACTION</td>
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*AWP-All Wheel Position

*Within the MICHELIN® XDE® M/S tire line, sizes with the designation ★ have an enhanced chip and cut resistance tread compound compared to other sizes in the line.
MICHELIN® ON/OFF ROAD TIRES

ALL-POSITION

XFE™ WIDE BASE
The wide-base radial designed to deliver high mileage and a quiet ride on heavy front axle in regional and highway applications.

XZY®3
All-position radial designed for exceptional wear and traction in mixed ON/OFF road service.

XZY®3 WIDE BASE
All-position wide base radial designed for heavy front axle service in mixed service applications.

XZL™ WIDE BASE
The all-position wide base radial designed for optimized ON/OFF road traction.

XZL™
The all-terrain, all-position radial for special service such as Emergency Response vehicles.

XZY®
All-position radial for ON/OFF road service.

XZY®
All-position radial designed for ON/OFF road service.

DRIVE

X Works XDY®
Next generation ON/OFF road drive tire optimized for exceptional traction and wear in mixed and severe ON/OFF road service.

XDY-EX2™
Our most aggressive drive axle tire designed for commercial vehicles operating in extreme conditions where maximum traction is the priority.

XDE® M/S
The open shoulder drive axle engineered for excellent mileage and traction across a wide range of applications.

XDL®
The high capacity tube type drive tire designed for mostly off road application such as logging and mining.

TRAILER

XTY®2
The low profile radial designed for rugged, mixed trailer service.

X One® XZY®3
All-position radial innovation designed for optimized weight savings and significant fuel savings in ON/OFF road operations.

NEW

NEW

NEW

NEW
### MICHELIN® REFUSE TIRES

**WHICH TIRE IS RIGHT FOR YOUR APPLICATION?**

#### REFUSE APPLICATION

<table>
<thead>
<tr>
<th>SIZE</th>
<th>LOAD RANGE</th>
<th>TREAD NAME</th>
<th>CATALOG NUMBER</th>
<th>TREAD DEPTH 32ND</th>
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*AWP-All Wheel Position

#### FUNCTIONALITY/PERFORMANCE

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<th>RETREADABILITY</th>
<th>OFF ROAD TRACTION</th>
<th>SNOW TRACTION (Packed)</th>
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Scale of (lowest) to (highest)

#### MICHELIN® REFUSE TIRES

- **XZU®S2**: Next generation all-position tire with high carrying capacity designed for exceptional treadlife in high scrub urban applications such as refuse vehicles.
- **XZU®S WIDE BASE**: All-position radial with high carrying capacity designed for exceptional treadlife in high scrub urban applications, such as refuse vehicles.
- **X One® XZU®S**: All-position radial innovation designed for optimized weight savings and significant fuel savings in urban regional operations.
The same tread designs. The same engineering. The same exacting standards as every new MICHELIN® tire—in a retread. No other retread can boast the use of Michelin’s new-tire technology and rigorous quality control, so you can feel completely confident that you’re getting the same outstanding quality and reliability you’d get in a brand new MICHELIN® tire.

**STANDARD SIZES**

<table>
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<tr>
<th>Tread Size</th>
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**WIDE BASE AND MICHELIN® X ONE® RETREAD SIZES**

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<th>350/395(1)</th>
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(Tread Depth in Shaded Boxes)

For up-to-date product information please visit www.michelintruck.com

(1) Tread widths with two measurements have wings. The first number is tread base width in mm. The second number is the overall width, wing tip to tip.

Federal Motor Carrier Safety Regulations, 9 C.F.R. § 395.75 (d), specify that “no bus shall be operated with regrooved, recapped or retreaded tires on the front wheels.”

Retread tread selection should always consider the casing’s original service application design and speed rating as published in that tire manufacturer’s data book. Applying treads intended for a more severe service/speed application than the original casing design, or that would imply a higher speed service than the casing’s original speed rating, is generally not recommended.
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**STANDARD SIZES**

**WIDE BASE RETREAD SIZES**

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(Tread Depth in Shaded Boxes)

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**XDY-1™ Pre-Mold™ Retread**
- Compound for chip and cut resistance
- Directional tread optimized for traction
- Extra deep tread for extra protection and mileage

**XZY-2™ Pre-Mold™ Retread**
- Compound for chip and cut resistance
- Square buttressed shoulder helps provide impact protection from road hazards
- Zig-zag tread grooves and shoulder traction scallops help enhance traction in virtually all weather conditions

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