



# Mud Tires

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# How Mud Tires Work

- Mud tires have high voids which push water and mud away providing more grip with the ground. As the wheels spin through the mud, the self-cleaning action allows the lugs to come down clear of mud so that there is better traction for the next rotation.

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# Mud Tires Terminology

- **Thread** - The thick rubber part of the tire that comes in contact with the ground.
- **Tread Pattern** - The shape of the lugs, voids, grooves, and sipes.
- **Lugs** - the main part of the tread pattern that contacts the ground and can be nonsymmetrical in size to minimize the noise they create.
- **Voids** - the small spaces between the lugs that allow the lug to expand, forcing water and mud away.
- **Grooves** - the portion of the tread pattern that pushes water and mud away from the tire. They run circumferentially.
- **Sipes** - similar to grooves, but they run perpendicular pushing water and mud away from the sides of the tire and can help prevent slipping.

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# When Should I Use Mud Tires

- A mud tire is designed to be used off road in dirt and mud.
- Their special tread pattern is designed to minimize the amount of surface area the tire has with the ground.
- With this in mind, mud tires should be used for off road purposes with minimal on road use.
- Mud tires are not recommended for street driving as the wider spaces between lugs mean less contact with the street itself, making it less stable at higher speeds.
- Driving at high speeds on highways can be dangerous as the tire has limited contact with the road.

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# ATV Tires

- ATVs, also known as All-Terrain-Vehicles, are generally used off road in trail exploring, hunting, farming, sand and for recreation use.
- Their small design offers more off road freedom to travel into the great unknown.
- ATV tires are a critical component to the usability and safety of passengers.

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ATV tires at...

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