

Forklift Tyres Guide



Forklifts come with a variety of tyre options to help maximise its use in the workplace. Therefore fitting the right tyre to suit the forklift's purpose will not only save money on premature tread wear but will improve the safety for the operator.

Pneumatic Tyres

These are easily identified by the valves used to fill the tyres with air.

These tyres are made with durable rubber with deep treads and have 2 sets of bolts on the inside of the rim – the first set lock the rim on to the axle, the second set lock the wheel to the rim. This makes them easily interchangeable.

They are commonly fitted to high capacity forklift trucks, all terrain forklifts and industrial forklifts. Pneumatic tyres provide a smoother overall operating experience with the cushioning of air in the tyres.

For safety reasons they must not be removed without completely deflating all the air from the tyre and should be replaced once they are down to the minimum wear mark.

Polyurethane Tyres

These are made from a high-density plastic material with a low-profile to increase the stability of the forklift. They are mainly used in warehousing where the surface is smooth. Polyurethane

tyres are an excellent choice for electric powered forklifts because they can carry the extra weight of the battery and should also be replaced once they are down to the minimum wear mark.

Cushion/Solid Tyres

Made from solid rubber these tyres are puncture proof and last a long time. They are commonly used indoors on compact industrial forklifts on smooth surfaces or light outdoor use but because they lack a cushioning of air the ride is a little bumpy over uneven surfaces.

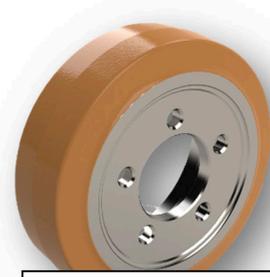
Solid tyres are used where a tighter turning circle is required and have a life expectancy twice that of a pneumatic tyre. As with all tyres they should be replaced when they are down to the minimum wear mark.



Pneumatic tyre



Solid tyre



Polyurethane tyre