

A Beginner's Guide to Gaskets

Rubber gaskets are innovative mechanical seals that ensure the prevention of leaks between two surfaces. This blog will guide you through the basics of [gaskets](#) and highlight both how they work and why they are used.

What is a gasket?

An **EPDM gasket** seal fills a space between two substrate sections to avoid leaks. It is usually a shaped sheet [o-ring](#) that will cap the intersection between two surfaces. This flexible component can be used for a range of purposes, due to its versatility. These include; anti-vibration, supporting mounts, noise reduction and, its most common use, sealing.

How a gasket works

A **rubber gasket** is a smart component that seals against both liquids and gases. They are the perfect solution to fill in irregularities and connect two surfaces together. The characteristics of a gasket are to be manipulable and able to warp into the tight space it is designed for.

Gaskets' diverse properties make them suitable for a broad range of applications and can be used across many industries, such as Food Processing, Pharmaceutical, Water, Petrochemical and Oil and Gas. However, the specialist property of the gasket will be dependent on the material that it is manufactured from. With this in mind you should select a **gasket material** that possesses characteristics you want to take advantage of.

What materials can be used to make gaskets?

[Gaskets](#) can be created to standard specifications or bespoke to suit the needs of the application. They come in all shapes and sizes and can be created from a range of materials. These include a variety of common polymers; gasket sheet materials, such as synthetic, silicone and high performing engineering rubbers, as well as plastics, such as Acetal and PTFE. The range of materials available to create gaskets ensures that whatever the application there is an appropriate gasket material to fit the situation.

We stock most gasket sheet materials and have the facility to manufacture custom parts as well as standard patterns. So we are guaranteed to have a **gasket type** to suit your needs. If you want more information regarding rubber gaskets or would like some assistance in choosing the right gasket for your needs, feel free to contact Martin's Rubber Company today on **+44 (0) 23 8022 6330**. Or drop us an email at sales@martins-rubber.co.uk. A member of our team will be more than happy to assist you in your search for the perfect gasket type!