

Single edge razor blades:



Although a single edge razor blade's origin lies with the traditional shaving razors, it has only one edge on one side, and on the other edge there is strip metal wrapped around the edge to enable hand-held use. These are called 'backing' or 'spine'. So, in itself it is a hand-held cutting- and scraping tool.

Its razor blade origin enables safe scraping as razor blades are designed by their edge configuration to cut the air and to avoid nicking the skin. This makes it especially suitable to scrape and clean (hard) surfaces.

It is a very common tool in the USA where it can be found even in many households to remove unwanted materials- and stains from hard surfaces. Examples are; removing substances like paint from windows, stains from work surfaces in kitchens, ovens and other appliances.

Single edge razor blades are also widely used in crafts- and industrial applications. Examples include cutting pictures in picture framing, oven cleaning- and other various professional janitorial cleaning applications. It is a popular tool for the automotive aftermarket after windscreen repair, removing paint from windscreens etc. It has been widely used in windscreens manufacturing, encasing the glass with rubber to fit into the car body, although lately the use of abrasives has largely replaced the blade for this application.

The blades come in different thickness, different metals for the blade and different metals for the backing. Every metal used has its own advantages and disadvantages.

The metals used for the blades are stainless steel and carbon steel. Stainless steel is softer and therefore easier to bend, for instance to adapt to a slightly curved surface. It is recommended that when you wish to bend the blade a little top opt for aluminum or a soft steel backing.

A carbon steel blade will be lower priced, and it is also harder. These blades will often come oiled and wrapped in special paper that is especially made to prevent corrosion.

For medical device manufacturers, working in clean rooms, such as manufacturers of catheters and medical tubing, stainless steel razor blades are preferred because of the absence of oil and paper.

Single edge razors are also used in combination with a tool for easier handling like scraper tools. To enhance safety, some blades are packed in safety dispensers. We hope that laying out these different characteristics and options will help you choose the right blade for your intended use.

