

Product lines:

Gaskets

The quality of steel and the accuracy of design and production of the cabinet are of course the main factors of its quality and performance.

But even the best quality can be impaired if some critical details are not handled with the same care and caution.

This is certainly the case with the gaskets, that have the critical role of ensuring the right degree of protection, with consistency in time and in harsh environments.

That is why Ilinox offers a wide range of high-tech solutions, to be chosen according to one's application and environment.

Polyurethane: it is the most common solution, as it provides very good insulation, and can work from -20° to 60° .

The gasket is poured directly on the door by a robotized machine, that ensures perfect positioning. This is the standard solution for all products.



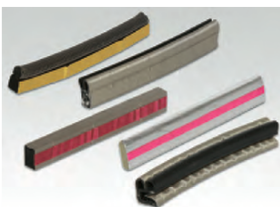
Silicone: silicone is a more performant solution. It keeps its qualities unchanged from -40° to 180° .

The air cells inside the body of the gasket are closed, differently than polyurethane. This means that even if there is a cut or a damage to the surface of the gasket, water will not find its way into the enclosure.

Washable gasket: in the "Sanitary" product line, where cleanliness is of absolute importance, the gasket is detachable and washable in autoclave.

The junctions are vulcanized

Moreover, its colour is chosen so that dirt is easily spotted



Conductive gaskets: when it is important to guarantee EMC insulation, the enclosures must be electrically completely closed. This is attained by conductive gaskets, which can be requested as accessories to Ilinox

Most gaskets are UL/CSA approved

All gaskets guarantee IP66 protection degree, but some can be brought to IP68

A special primer ensures good adherence to the steel