

**Certifications:**

The standards that regulate industrial sectors are becoming more and more stringent. Our mechanical seals may be supplied with the following certificates:



Mechanical seals suitable for use in equipment installed in explosive atmospheres in categories 2 and 3 of group II (2 G / D) cT2 in accordance with Directive 2014/34 / EU (ATEX) of the European Parliament and of the Council of 26 February 2014 on the harmonization of the laws of the Member States relating to equipment and protective systems for use in potentially explosive atmospheres.



The FDA (Food & Drug Administration) is a US-based organisation whose mission is to safeguard health and safety in food and medicines. The CFR 21 (Code of Federal Regulations) is a series of standards and rules that must be met by materials that enter into are intended to be in contact with food and medicines. This code of regulations includes different parts, depending on the type of material in question. For instance, part 177 refers to polymers and in particular, section 2600 refers to elastomers (FDA CFR 21 §177.2600).

European Regulation (EC) 1935/2004:

One of the objectives of this regulation is to establish a basis for guaranteeing a high standard of protection for human health and the interests of consumers with respect to materials and objects that come into direct or indirect contact with food. It is enforced in the European Union. It also establishes that those materials and objects must be manufactured in accordance with a best practice code.



Regulation EC 2023/2006 is a best practice code for manufacturing objects and materials that come into direct or indirect contact with food.

Regulation EU 10/2011 is a specific measure included in Regulation EC 1935/2004 which applies to polymers that are designed to come into contact with food. It also establishes that they must comply with a series of special additional provisions governing composition, as well as being compliant with the provisions of Regulations EC 1935/2004 and EC 2023/2006.

We can provide materials for mechanical seals that are compliant with Regulation EC 1935/2004 and with Code EC 2023/2006 and Regulation EU 10/2011 in the case of elastomers for secondary seals.



British agency responsible for determining the requirements for materials in contact with drinking water