

TECH NOTE

ISO 9001:2008
ISO 14001

SO YOU NEED A HIGH RESISTANCE GASKET FOR POTABLE WATER?

You may require gaskets for potable water that offer better performance (pressure / temperature / chemical resistance) than simple rubber gaskets. But which one(s) are acceptable ?

Potable water gaskets in North America are routinely required to comply with NSF/ANSI 61 (NSF = National Sanitation Foundation) : Drinking Water System Components Health Effects. The specification evaluates :

- Health effects of products used in drinking water applications.
- Products or materials that come into contact with drinking water or drinking water treatment chemicals, such as joining and sealing materials
- What contaminants migrate or extract into water?
- Are they below maximum allowable level?

However, NSF 61 does not evaluate product performance.
How to know what improved performance gasket to use ?

WRC (BS 6920) is an international certification considered equivalent to NSF/ANSI 61. Our Robco-Klinger C4430 gasket material meets the WRC regulation.

WRC BS 6920 (British Standard) ensures the suitability of non-metallic products for use in contact with water intended for human consumption. BS6920 sets out a number of test methods: odour, flavour, appearance of water, growth of aquatic micro-organisms, extraction of substances and extraction of metals.

Other world-recognized standards and regulations for drinking water in the World:

- KTW – German Certification for Drinking Water
- ACS – French Certification for Drinking Water

Contact Robco for additional technical information at info@robco.com Thank you !

