



AQUAFLEX DRINKING WATER RUBBER COMPOUNDS



 DRINKING WATER
RUBBER COMPOUNDS

Certified & tested rubber compounds
for drinking water applications

» WHY CERTIFIED RUBBER COMPOUNDS

Clean drinking water is essential to sustaining life on earth - and just as drinking water is essential to life, so **Aquaflex is essential** to the processing of drinking water.

Products used in contact with drinking water at treatment plants, distribution systems and in consumer homes can release substances into the water that have negative effects on overall water quality and can pose a potential health risk to consumers – Aquaflex is a tested and certified range of rubber mixtures specifically designed for the safe use in contact with drinking water.

The Aquaflex compounds are formulated to give the best possible factory processing in all operations such as injection-moulding, compression-moulding or rubber-extrusion. We also supply Aquaflex as roller head sheet in various dimensions.

All our Aquaflex compounds are and will be tested according to W270 or EN16421 and UBA, ELL, EN681, ACS and WRAS. Some of our compounds also have FDA



APPLICATIONS

- » Gate Valves 
- » Butterfly Valves 
- » Pipe Clamps 
- » Repair Clamps 
- » Flange Valves 
- » Seals 
- » Joinings 

WHY AQUAFLEX

- » Years of use in drinking water applications
- » Excellent processability
- » All major certifications for international markets
- » A wide range of hardness from 50-80 ShA
- » Highest quality standards - Swiss Made
- » R&D Department provides technical support or custom made solutions
- » Specially designed lab allows predicting microbacterial growth



CERTIFICATIONS

- » W270
- » EN 16421
- » UBA ELL
- » EN 681-1
- » KTW D1-D2
- » ACS-NF EN
- » WRAS BS 6920
- » Ö-NORM B5014-1: 2016
- » NSF

» OUR LATEST AQUAFLEX DEVELOPMENTS
<https://www.compounds.ch/en/aquaflex-en.html>



» THE CHALLENGE IN THE MARKET

The Elastomer Guideline published in 2011 by the Umweltbundesamt (UBA), Germany's federal environmental agency, decides which ingredients can be used for the manufacture of elastomers in accordance with the principles of the European Food Safety Authority (EFSA).

Materials which are not listed in that guideline can only be used until 31/12/2021. Numerous sulphur or peroxide cross-linked compounds currently in use in drinking water applications can thus no longer be used after that time.

AQUAFLEX - A FUTUREPROOF SOLUTION «

The new generation of Aquaflex Compounds for cold, warm and hot water applications uses only listed materials and can therefore **be used also after 2021**.

The new Aquaflex Compounds can be used for gaskets and joints of smaller and larger surfaces and are suitable and optimized for all common processing methods. The new Aquaflex Compounds hold all the necessary certificates for the use in drinking water applications in Germany (W270, EN 16421 and UBA-ELL).

Furthermore the new Compounds already have the WRAS approval and will get more certifications over time. Please check our Website for the latest information on certification or contact our sales people. They are more than happy to answer all your questions concerning the use of elastomers in drinking water applications.

» GET IN TOUCH

Contact us today, to see how Compounds can help you.

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