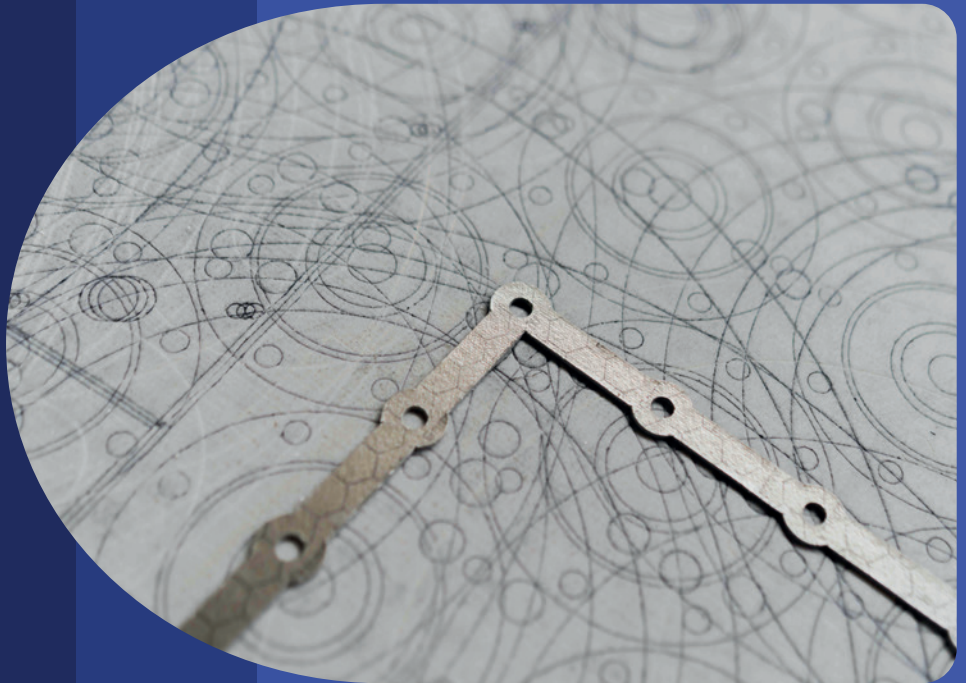




GASKETS THAT LAST.
SOLUTIONS THAT CONVINC.

www.becker-dichtung.de



OUR HISTORY

Founded by Günter Tenbrink
as Managing Director

Initial certification according to DIN
EN ISO 9001, change of name to
Becker Dichtungstechnik GmbH

1990

2005

1994

Move to Wertherbruch

2012 & 2016

Establishment of production in
Poland and sales office in the
Netherlands

ABOUT US



SEALING MANUFACTORY SINCE 1990

DEAR SIR OR MADAM,

Becker Dichtungstechnik GmbH was founded in 1990 in Wertherbruch on the Lower Rhine near the Dutch border. Over time, precise craftsmanship developed into a gasket manufactory, from which our experienced high-performance company has emerged today. Even though our company has developed steadily in recent years, one thing has remained: the passion and quality that goes into the production of every single product!

We owe the progress of our company to our motivated employees, the latest technologies, an extensive machine park and diverse production techniques. These enable us to individually manufacture products that are used in a wide variety of industries.

Our core competences include technical consulting, the planning and production of specific special solutions according to customer requirements and – new since 2024 – technical cleaning in our cleanliness room. From small domestic businesses to international producers and distributors, we manufacture and develop technically high-quality sealing solutions.

At this point, we would like to thank our national and international partners and customers for the trust placed in us and harmonious cooperation. We are very much looking forward to further future cooperation and new challenges!

Günter and Oliver Tenbrink

Owners of Becker Dichtungstechnik GmbH

Move to Bocholt-Holtwick,
appointment of Oliver Tenbrink
as Managing Director

Digitalization through the
introduction of an individual ERP
system

2019

2023

2021

Expansion of the product range
through in-house production of
our BK-P-Seals

2024

Installation of cleanroom
for technical cleaning



OUR PRODUCTS



QUALITY FROM THE SEALING INDUSTRY

At Becker Dichtungstechnik, we supply precise, customized sealing solutions for companies worldwide. Rely on our experience and innovative strength – for greater safety and efficiency in your production. Our product portfolio includes a broad range of sealing solutions for a wide variety of applications and industries. Whether a standard product or an individual custom-made solution: we deliver exactly what you need.



MATERIAL EXPERTISE

Quality and durability are what matter – not only for our products, but also for the materials we process. We offer a broad selection of materials that stand out for their resistance and load-bearing capacity. Depending on the area of application and requirements, we select the right material together with you. Our materials include, among others, the following categories:

- **Aramid fiber materials**
- **Graphite**
- **PTFE / ePTFE**
- **Elastomers**
- **Mica**
- **Metallic materials**

No application is like another. Thanks to our renowned suppliers, we have access to a wide variety of materials for every type of requirement. That is why we develop customized solutions together with you – efficiently, economically and reliably.



OUR PRODUCTION

 AT THE HIGHEST LEVEL

At Becker Dichtungstechnik, everything revolves around precision, flexibility and speed. Our machinery and our experienced employees are ready to meet your individual requirements. From punching standardized gasket dimensions and waterjet cutting complex flat gaskets to sophisticated craftsmanship:

WE OFFER HOLISTIC TOP-QUALITY SOLUTIONS!



PUNCHING

PLOTTING

TURNING

WATERJET CUTTING

HANDCRAFTING

MANUFACTORY

In addition to automated processes, manual production plays an important role. Especially for complex geometries or small quantities, we rely on precise craftsmanship. We finish flat gaskets with eyelets made of stainless steel, weld PTFE segments, scarf and laminate individual gasket components and assemble various gasket sets according to your requirements. The result: highest quality, maximum flexibility and solutions that work even where standard processes reach their limits.

QUALITY



Every production step is carefully and continuously monitored – for consistently high quality. We have been certified according to DIN EN ISO 9001:2015 since 2005 and guarantee the highest standards in all processes.

OUR SERVICE

FROM INQUIRY TO DELIVERY

At Becker Dichtungstechnik, you get more than just first-class gaskets – we accompany you throughout the entire process. From the initial idea to final installation, we are by your side, advising, optimizing and delivering precisely fitting solutions. With more than 35 years of experience and a deep understanding of your requirements, we ensure that your application remains sealed – and that your project runs smoothly.



1 INQUIRY & TECHNICAL CONSULTING

We take the time to understand your needs. In close cooperation, we analyze your specific requirements and offer you customized solutions. Whether it is about selecting the right material or a special gasket design – our experienced team is at your side with expert advice.

2 COMMISSIONING & TECHNICAL DRAWING

After order placement, our technical draftsmen create precise CAD drawings according to your specifications. These customized plans form the basis for precision-fit production.



www.donit.eu
Follow us on

TESNIT® BA-KTW-G

FDA COMPLIANT

TESNIT® BA-KTW-G

**Die Lösung für
Trinkwasser- und
Gas- Anwendungen**



GRAFILIT® IQ.2

**HYDROGEN SEALING PERFORMANCE
LABORATORY TESTED**

GRAFILIT® IQ.2

**Ausgezeichnete
Leckage- und
Antihalt Performance
“down to zero emission”**



TESNIT® BA-SOFT

FDA COMPLIANT

TESNIT® BA-SOFT

**Höchste Anpassungsfähigkeit
mit niedrigster Leckage
Moderner Faserwerkstoff
für höchste Ansprüche.
*FDA Zulassung**





→ 3 PRODUCTION & WAREHOUSE Optional: express production

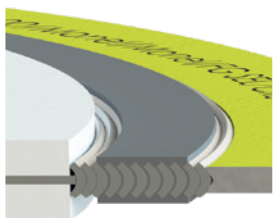
We implement your order according to your wishes, whether it is a standard product or a complex custom-made solution. If you are under particular time pressure or machine and plant downtimes are imminent, we can assist you with the option of express production.

→ 4 ORDER FULFILMENT & SHIPPING Optional: in-house delivery service

Your ordered products are picked, securely packed for transport and shipped. Time is often a decisive factor. That is why we offer the option of direct delivery to your place of use. This ensures that your gaskets are available exactly when they are needed – without detours or delays.



Joint Integrity



Engineering



Innovation



On-Site Support



Express Production



**MAKING THE WORLD SAFER & CLEANER
THROUGH ENGINEERED SEALING SOLUTIONS**

SIGMA

Thermiculite
innovative. versatile. complete.

CORRICULITE
Protection. Sealed in.

change



Flexitallic GmbH
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47877 Willich-Münchheide
+492154 953 63 0

Flexitallic
GmbH

TECHNICAL CLEANING

IN THE CLEANROOM

For many applications, absolute cleanliness is crucial. With our new cleanroom, we create the conditions for the highest requirements in technical cleanliness.

A cleanroom is a controlled production environment in which contamination is avoided and cleanliness is monitored. The purpose of cleanrooms is to protect sensitive components and parts in industrial production from quality loss caused by dust and any form of contamination.

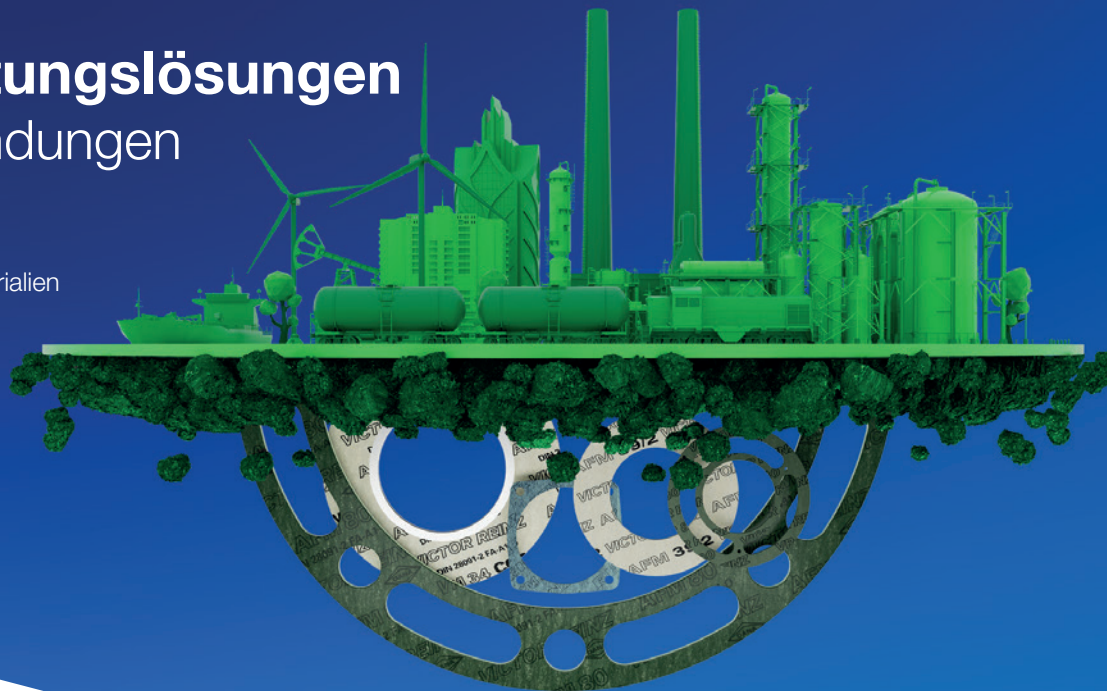
To achieve technical cleanliness, we follow the guideline "VDA Volume 19 Part 2". Whether for sensitive production environments or special technical requirements – we do clean work!



PFAS freie Dichtungslösungen für vielfältige Anwendungen

Folgende VICTOR REINZ Dichtungsmaterialien
sind PFAS frei:

**AFM-Materialien | Xtreme Plus |
Chemotherm | RGC | Reinzoloid**

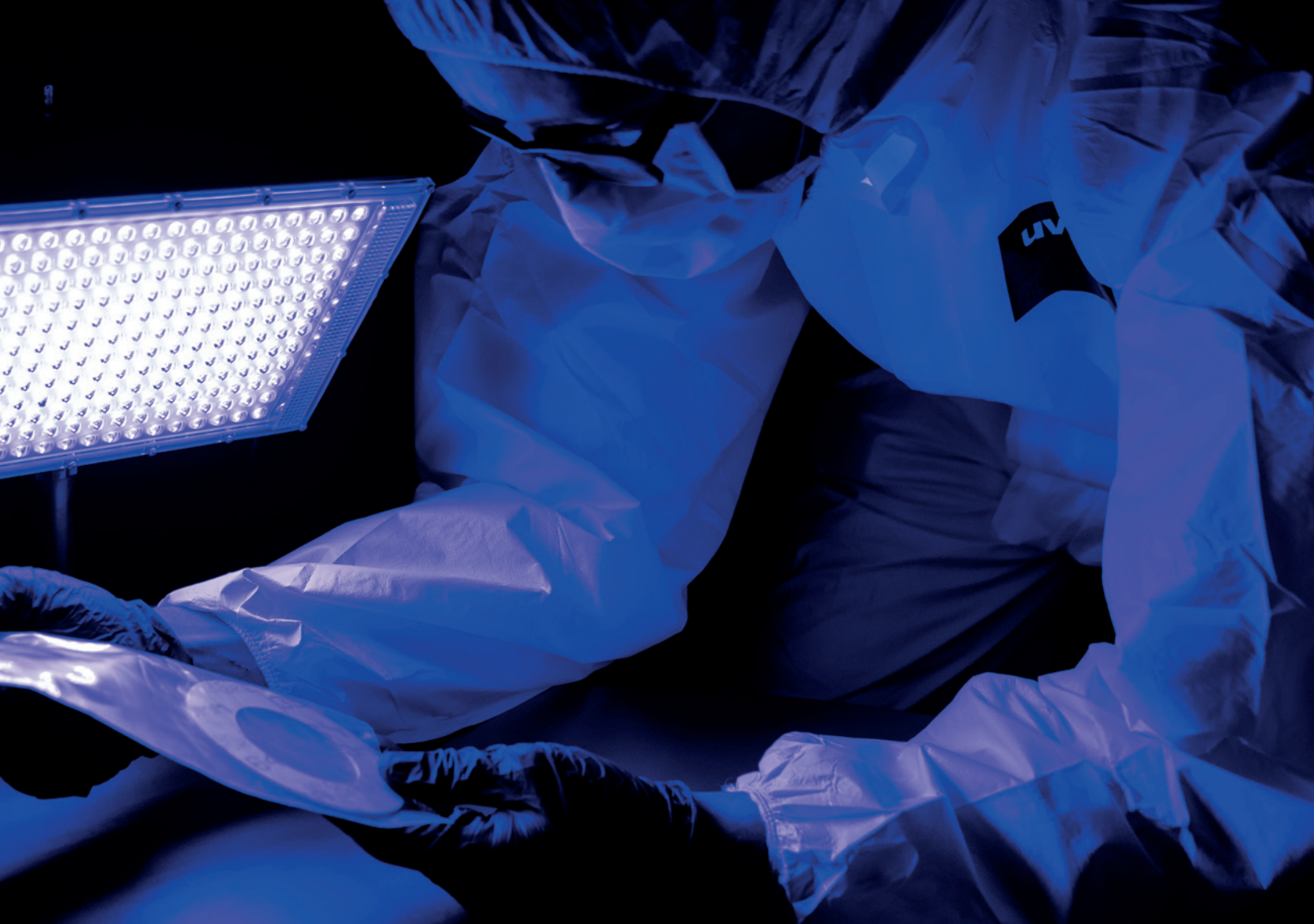


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Frenzelit
creating hightech solutions

Der Übergang von der nationalen KTW-BWGL hin zur EU-Trinkwasserrichtlinie (EU DWD 2020/2184) stellt eine grundlegende Neuordnung der hygienischen Bewertung von Materialien im Trinkwasserkontakt dar. Hintergrund dieses Wechsels ist das Bestreben der Europäischen Union, das bisherige Flickwerk aus nationalen Regelungen durch ein einheitliches, europaweit geltendes, rechtlich bindendes System zu ersetzen. Dies soll nicht nur den Gesundheitsschutz auf ein identisch hohes Niveau heben, sondern auch technische Handelshemmnisse innerhalb des Binnenmarktes abbauen. Bisher basierte die deutsche Zulassung auf Empfehlungen und Bewertungsgrundlagen. Diese waren faktisch Standard aber rechtlich nicht bindend. Aus diesem Grund werden die nationalen Vorgaben nun in eine europäische, für alle Mitgliedstaaten verbindliche, Verordnung überführt.

Ausblick auf die europäische Richtlinie

Ab dem **31.12.2026** wird die bisherige nationale Regelung (KTW-BWGL des UBA) offiziell durch die neue **EU-Richtlinie 2020/2184** abgelöst. Für Produkte, die zu diesem Stichtag bereits über eine gültige nationale Konformitätsbestätigung verfügen, gilt eine **Übergangsfrist bis zum 31.12.2032**.

Die praktische Umsetzung erfolgt durch sechs spezifische EU-Durchführungsbeschlüsse:

- **Prüfmethoden & Akzeptanz von Ausgangsstoffen:** (EU) 2024/365
- **Europäische Positivlisten:** (EU) 2024/367
- **Bewertung von Materialien & Werkstoffen:** (EU) 2024/368
- **Antragsverfahren für die Positivliste:** (EU) 2024/369
- **Konformitätsbewertungsverfahren:** (EU) 2024/370
- **Kennzeichnung von Produkten:** (EU) 2024/371

Was ändert sich in der Prüfung?

Obwohl viele Anforderungen aus der KTW-BWGL übernommen wurden, kommen einige entscheidende Neuerungen hinzu:

1. **GC-MS Screening:** Zur gezielten Untersuchung auf unerwartete Substanzen.
2. **Zusätzliche Migrationsprüfung:** Einsatz von gechlortem Prüfwasser im Kaltwasserbereich.
3. **Geschmacksprüfung:** wurde wieder aufgenommen
4. **Grenzwerte wurden verschärft**

Hinsichtlich der Risikogruppen gibt es ebenfalls eine Änderung. Dichtungen finden sich künftig in der RG 3 (entspricht nach KTW BWGL - P2) oder RG 4 (KTW BWGL - P3) wieder.

Die Prüfung hinsichtlich der Mikrobiologie – Vermehrung von Mikroorganismen (EMG)

wird weiterhin gefordert und unverändert nach der EN 16421 durchgeführt.

Zeitlicher Ablauf Übergang KTW BWGL - EU-DWD

Nationale Zertifizierung nach UBA-BWGL



Quelle: „Anforderungen an Materialien und Produkte in Kontakt mit Trinkwasser“, Technologiezentrum Wasser, Dr. Johannes Ruppert, 2025

Kennzeichnung von Produkten:

Produkt, für die eine EU Konformitätserklärung ausgestellt wurde, müssen gemäß der (EU) 2024/371 mit folgendem Symbol gekennzeichnet werden.



Wenn dies nicht auf dem Produkt selbst möglich ist, ist eine Kennzeichnung auf den Begleitunterlagen und auf der Verpackung erforderlich. Da Frenzelit sich zurzeit inmitten der Entwicklung und der internen bzw. externen Prüfung befindet, können aktuell nur beschränkt Informationen weitergegeben werden. Allerdings arbeitet Frenzelit mit kontantem Fortschritt an dieser Thematik und kann in Q3 2026 nähere Informationen mitteilen.



 DO YOU HAVE ANY QUESTIONS?

READY FOR A SOLUTION **THAT LASTS?**

Contact us today and let us find the perfect solution for your requirements together. Do you have a special inquiry? We are ready!

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