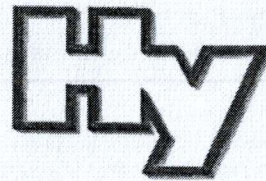


# Hygiene-Institut des Ruhrgebiets

Institut für Umwelthygiene und Toxikologie

Direktor: Prof. Dr. rer. nat. L. Dunemann

Träger: Verein zur Bekämpfung der Volkskrankheiten im Ruhrkohlengebiet e.V.



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Reference No.: K-292771-17-Ko  
Contact person: Dr. Andreas Koch

Gelsenkirchen, 12.12.2017

## TEST CERTIFICATE according to the transitional rule of the Elastomer-Guideline

Product: CORIRUBBER 3040  
NBR GASKETS DN 15 - DN 2000

Test specimen: Gaskets 50x22x3mm, black, (manufacturer's information)

The above mentioned product was tested according to the Guideline on the hygienic assessment of elastomers in contact with drinking water of the German Environment Agency. Pursuant to the test report-no.: K-281976-17-Ko dated 08.03.2017 and K-292771-17-Ko dated 12.12.2017 the product meets the requirements for the product group:

**Seals for pipes with DN < 80 mm in contact with cold water (23°C) and warm water (60°C).**

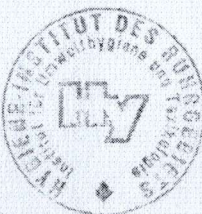
All product groups for which the requirements are met are summarised on the back side.

The certificate is valid providing that the requirements, laid down in the Guideline regarding the testing of the microbial growth are fulfilled. (This can be verified for the product f.e. with a valid test certificate according to the DVGW technical rule W 270.)

This test certificate is valid beginning with the date of issue and is ending by **31.12.2021**.

The Director of the Hygiene-Institute  
on behalf of

Dr. rer. nat. Andreas Koch  
Head of the Dept. for water  
hygienic material testing



The assessment was based on the assumption that the used starting substances and monomers used to manufacture the product may completely known and no other substances are present in the product. The validity of this document expires in case of modifications in the composition of the product or the processing conditions. The results and evaluations refer to the groups of test items. This document may not be published without our written permission only complete and unchanged or duplicated.

Träger: Verein zur Bekämpfung der Volkskrankheiten im Ruhrkohlengebiet e.V., Vereinsregister: VR 519 Amtsgericht Gelsenkirchen, USt-ID: DE125018356  
Vorstand: Prof. Dr. Werner Schlake (Vors.), Prof. Dr. Jürgen Kretschmann, Dr. Emanuel Grün, Dr. Dirk Walder, Prof. Dr. Lothar Dunemann (geschäftsf. Vorstand)



## Drinking water Application

- NBR Compound as (KTW recommendation) ~~for gaskets from 15NB to 2000 NB for cold water up to 23 Deg.C and warm water up to 60 Deg.C.~~
- EPDM compound in accordance with 1.3.13 of German Federal Health office for materials in contact with drinking water ( KTW recommendations)
- EPDM compound "suitable for contact with wholesome water for domestic purposes having met the requirement of BS 6920-1-2000 (suitability of non- metallic products for use in contact with water intended for human consumption with regard to the effect on the quality of water tested and certified WRAS ( water regulations advisory scheme)- UK ~~for temperature up to 60 Deg.C.~~
- W270

## Gas Application(DVGW).

Elastomer sealant for gas supply mains and pipe lines Test Basis DIN EN 682 for NBR rubber compound.

### Manufacturing and Testing.

- We can manufacture and supply to all flange standards like ANSI, AWWA, DIN etc with insert both CS and SS ~~are in range.~~
- We can ~~also~~ supply steel inserted rubber gaskets out of Natural Rubber, Neoprene Rubber, EPDM, NBR, Hypalon (CSM) rubber, Butyl rubber, regular FKM and FKM GSF ~~quality.~~
- We have in house testing facility with Rheon meter, tensile tester, oven, hardness testers and measuring instruments.
- We have a team experienced personnel in manufacturing and testing.