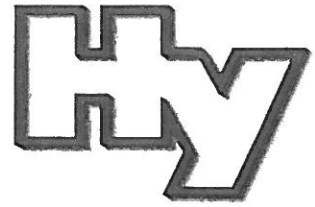


Hygiene-Institut des Ruhrgebiets

Institut für Umwelthygiene und Umweltmedizin
Direktor: Prof. Dr. rer. nat. L. Dunemann



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Reference: K-188007-10-Bs
Contact person: Mr. Bernoussi (Eng.)

Gelsenkirchen, 19.03.2010

TEST CERTIFICATE according to the KTW-Guideline

Product: ARPOL 70/1 AZUL (blue)
Test specimen: flexible silicone piece (length 250 cm, thickness 12,5 cm)
Kind of test: Product test / Permission test Supervision test

The a.m. material meets the requirements according to the test reports dated **19.03.2010**, Ref.-No.: K-188007-10-Bs for the following applications and temperatures:

Applications:	cold water (23°C)	warm water (60°C)	hot water (85°C)
Pipes ID < 80 mm (domestic distribution)	---	---	---
Pipes 80 mm ≤ ID < 300 mm (supply pipelines)	---	---	---
Pipes ID ≥ 300 mm (mains)	---	---	---
Simple fittings, assembled product housings for pipes ID < 80 mm	---	---	---
Simple fittings, assembled product housings for pipes 80 mm ≤ ID < 300 mm	---	---	---
Simple fittings, assembled product housings for pipes ID ≥ 300 mm	---	---	---
Seals for pipes ID < 80 mm	passed	---	passed
Seals for pipes 80 mm ≤ ID < 300 mm	passed	---	passed
Seals for pipes ID ≥ 300 mm	passed	---	passed
Storage systems within the domestic distribution system including repair products	---	---	---
Storage systems outside the domestic distribution system including repair products	---	---	---

as far as technically suited.

This test certificate is valid beginning with the date of issue and is ending by **19.03.2015** as far as there are no changes in the formula. After this time it can be extended for further 5 years if demanded.

The Director of the Institute
on behalf of

(Dr. rer. nat. A. Koch)
Head of the Dept. for water
hygienic material testing



The results and conclusions exclusively refer to the investigated samples and the relevant laws.
The validity of this document expires in case of modifications in the composition of the product or the processing conditions.
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