

Our Ref: HL/M1304105  
Test Report: M105228 & M105454

18<sup>th</sup> March 2014

ELAFLEX – Gummi Ehlers GmbH.  
Schnackenburgallee 121,  
22525 Hamburg,  
Germany



**WATER REGULATIONS ADVISORY SCHEME (WRAS)**  
**MATERIAL APPROVAL**

The material referred to in this letter is suitable for contact with wholesome water for domestic purposes having met the requirements of BS 6920-1:2000 'Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water'.

The reference relates solely to its effect on the quality of the water with which it may come into contact and does not signify the approval of its mechanical or physical properties for any use.

**RUBBERS – BUTYL – COMPONENTS**

**5335**

'ERV-R' & 'ERP'. Black coloured, compression moulded composite rubber expansion joint which consists of chlorobutyl/EPDM rubber & embedded polyamide fabric. The 'ERV-R' joint has a red coloured band on the exterior and the 'ERP' joint has a red coloured dot on the exterior. Shore hardness 55. Tested in-radius size 2.0mm. For use with water up to 23°C.

When processing an application for a Fittings Approval incorporating this product, the in-radius tolerance rule cannot be applied, i.e. the material with a tested in-radius size of 2.0mm is the only product covered by the scope of this approval.

**APPROVAL NUMBER: 1305531**  
**APPROVAL HOLDER: ELAFLEX – GUMMI EHLERS GMBH.**

The Scheme reserves the right to review approval. This approval is valid between May 2013 and May 2018.

An entry, as above, will accordingly be included in the Water Fittings Directory on-line under the section headed, "Materials which have passed full tests of effect on water quality".

The Directory may be found at: [www.wras.co.uk/directory](http://www.wras.co.uk/directory)

Yours faithfully

A handwritten signature in black ink, appearing to read 'Jason Furnival', is written over a light blue horizontal line.

Jason Furnival  
Approvals & Enquiries Manager  
Water Regulations Advisory Scheme

## **WRAS MATERIAL APPROVAL - MATERIALS WHICH HAVE PASSED FULL TESTS OF EFFECT ON WATER QUALITY**

The material referred to in this letter is suitable for contact with water for domestic purposes. **Approval of this material does not signify the approval of its mechanical or physical properties for any use.**

Manufacturers or applicants may only quote in their sales literature terms which are used in this letter, namely that; 'the material as listed, having passed the tests of effect on water quality, is suitable for use in contact with wholesome water'

This may be abbreviated to 'Water Regulations Advisory Scheme - Approved Material' or 'WRAS Approved Material'.

The scope of an Approval does not extend to rebranded materials unless otherwise agreed by the Scheme.

### **Use of the WRAS Approved Material Logo**

The WRAS Approved Material logo is registered under the Trade Marks Acts 1994

Approval holders may use the WRAS Approved Material logo and make reference to any approval issued by WRAS Ltd. in respect of a particular material or range of materials provided the approval is, and remains valid.

Approval holders are entitled to use the logo on the packing, promotional literature and point of sale advertising Approved Materials.

### **Modifications to existing Approvals**

It is a condition of WRAS Material Approval that **NO** changes or modifications to the Approved Material, be made without the Approval Holder first notifying WRAS Ltd. Full details of the proposed changes must be provided to the Scheme. Failure to comply with this condition will immediately invalidate a previously granted Approval.

### **Re-Approval**

WRAS will write to you 1 year before the approval expires asking whether you would like to renew it. Please complete the relevant section of the MA3 application form which will be included with the letter and return to WRAS (via e-mail or post).

Please note it is the responsibility of the Approval Holder to ensure the Approval remains valid. WRAS Ltd. accepts no liability for the delay in granting approval where this is caused by circumstances outside of the Scheme's control.