

Our Ref: HL/M1402012
Test Report: M105726



2nd July 2014

Wacker Chemie AG,
Johannes-Hess-Strasse 24,
84489 Burghausen,
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 - SILICONE - MATERIAL ONLY

5415

ELASTOSIL® R solid silicone rubber material. The number in brackets indicates shore hardness. Tested in-radius size 1.0mm.

The following grades are natural in colour and are for use with water up to 85°C.

E indicates ELASTOSIL® AUX Crosslinker E.
C1 indicates ELASTOSIL® AUX Crosslinker C1.

Grades for extrusion and press moulding:

R 401/20 E (shore hardness 20), R 401/30 E (30), R 401/40 E (40), R 401/50 E (50), R 401/55 E (55), R 401/60 E (60), R 401/70 E (70), R 401/80 E (80) & R 401/90 E (90).

R 402/60 E (shore hardness 60), R 401/65 E (65) & R 401/75 E (75).

R 420/30 E (shore hardness 30), R 420/40 E (40), R 420/50 E (50), R 420/60 E (60) & R 420/70 E (70).

Grades for press moulding:

R 401/20 C1 (shore hardness 20), R 401/30 C1 (30), R 401/40 C1 (40), R 401/50 C1 (50), R 401/55 C1 (55), R 401/60 C1 (60), R 401/70 C1 (70), R 401/80 C1 (80) & R 401/90 C1 (90).

R 420/30 C1 (shore hardness 30), R 420/40 C1 (40), R 420/50 C1 (50), R 420/60 C1 (60) & R 420/70 C1 (70).

R 402/60 C1 (shore hardness 60) & R 402/75 C1 (75).

The products may be coloured using the following ELASTOSIL® pigment pastes PT and are also for use with water up to 85°C:

PT Yellow RAL 1016 & PT Yellow RAL 1021.

PT Red brown RAL 2001, PT Red brown RAL 3013, PT Light brown RAL 8003 & PT Dark brown RAL 8015.

PT Carbon black RAL 9005 & PT Black RAL 9017.

PT Green RAL 6017.

PT Violet RAL 4001.

PT Ultramarineblue RAL 5002, PT Dark blue RAL 5010 & PT Light blue RAL 5015.

PT Grey RAL 7040.

PT White RAL 9010.

APPROVAL NUMBER: 1411504

APPROVAL HOLDER: WACKER CHEMIE AG

This is a re-approval of 0910519 which is valid between October 2009 and October 2014.

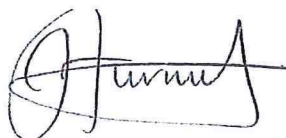
The Scheme reserves the right to review approval.

Approval 1411504 is valid between November 2014 and November 2019.

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

Yours faithfully

A handwritten signature in black ink, appearing to read 'Jason Furnival', with a stylized flourish at the end.

Jason Furnival

Approvals & Enquiries Manager

Water Regulations Advisory Scheme