



Unit 30 | Fern Close | Pen-Y-Fan Ind Est | Oakdale | Gwent | NP11 3EH | UK
Tel: +44 (0) 1495 236260 wales@nsf.org | www.nsf.org

TEST REPORT

Customer: C0818213

Vialli GmbH
Terminalstrasse Mitte 18
Munich, Bayern
85356
Germany

Revised Report

Result	Limited testing was undertaken on this product for a multilayer pipe with an approved water contact layer. Related test report J-00471176. This product has satisfied the criteria set out in BS 6920: Part 1: 2014 "Specification" and thus is suitable for use with hot (up to 85°C) and cold water.
---------------	--

Customer Name	Vialli GmbH
Product	VIALLI-De PPR SDR 6 pipe with aluminum middle layer
Test Undertaken	BS 6920: 2014 - 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
Job Number	J-00471188
Work Order Number	W0918684

Thank you for having your product tested by NSF Wales Ltd.

Please contact your Account Manager if you have any questions or concerns pertaining to this report.

Report Date 07-JUN-2024
Original issue date: 26-APR-2024

Report Authorisation

Angelo Iannetelli - Specialist II Labs Wales



0626

Result Summary Section

Test	Result
Odour and flavour of water BS 6920: Part 1: 2014, Clause 4 - 23°C	Pass
Odour and flavour of water BS 6920: Part 1: 2014, Clause 4 - 85°C	Pass

Sample Details

Date of Receipt of Application Form	19/09/2023
Date of Receipt of Product for Test	23/10/2023
Front Cover Test Description	Limited testing was undertaken on this product for a multilayer pipe with an approved water contact layer. Related test report J-00471176.
Product *	VIALLI-De PPR SDR 6 pipe with aluminum middle layer
Nature of Material *	PPR
Date Test Sample Manufactured *	13/04/2023
Batch Number *	13-04-2023
Receipt Conditions	Good Condition
Receipt Packaging	CARDBOARD BOX
Product Manufacturer *	Vialli Gmbh
Product Manufacturing Site *	Germany
Tradename and Reference of Product *	VIALLI-De PPR SDR 6 pipe with aluminum middle layer
Method of Manufacture *	Extruded
Typical Use of the Product *	Component in contact with potable water
Layer 1 (Inner) Tradename *	Vialli De PPR
Layer 1 (Inner) Manufacturer *	Vialli Gmbh
Layer 1 (Inner) Material *	PPR
Layer 1 (Inner) Colour *	Green
Layer 2 Tradename *	Sisecam Elyaf Sanayi Aluminium
Layer 2 Manufacturer *	Sisecam Elyaf Sanayi AS.
Layer 2 Material *	Aluminium
Layer 2 Color *	Natural
Layer 3 Tradename *	Vialli De PPR
Layer 3 Manufacturer *	Vialli Gmbh
Layer 3 Material *	PPR
Layer 3 Color *	Green
Nature of Product *	Pipe
Sampling Procedure *	Random
Address of Product Manufacturer *	Terminalstrasse Mitte 18, Munich, Bayern, 85356
Submitting Organization *	Vialli Gmbh

* denotes customer supplied information

Sample Preparation

Description/Appearance of the product	Multilayer pipe. Layer 1 (inner)- Green, opaque. Layer 2- Silver, opaque. Layer 3 (outer)- Green, opaque.
Length	1000 mm
Inner diameter	15.7 mm
Outer diameter	25.5 mm
Calibration mark of test container	1 L
Test sample preparation	1 m lengths of the complete pipe were filled with test water and the resulting lechate was subsequently diluted in accordance with BS 6920-2.2.2.
Storage Conditions	As in BS 6920: Part 2: Section 2.1: Clause 5.2

Additional Sample Details

Length of test sample	1 m
Total wall thickness	4.9 mm
Internal surface area of test sample	49323 mm ²
Volume of test water contained within test sample	194 mL
Volume of extract water diluted to 1 L	59 mL

Job Attachments:



Photo 1

Odour and flavour of water BS 6920: Part 1: 2014, Clause 4 - 23°C

Methodology: BS 6920: Part 2: Section 2.2 and in-house method PROC/MAT 004 and 006.

Date Leaching Test Started: 21-FEB-2024

First Extract - Chlorinated Test Water

Panellist	Odour Descriptor	Flavour Descriptor	Flavour Dilution Number
1	None	None	1
2	None	None	1
3	None	None	1

First Extract - Chlorine Free Test Water

Panellist	Odour Descriptor	Flavour Descriptor	Flavour Dilution Number
1	None	None	1
2	None	None	1
3	None	None	1

On the basis of these results the samples of this product referred to in this report have been found to conform to the requirements of BS 6920: Part 1: 2014, Clause 4.

Odour and flavour of water BS 6920: Part 1: 2014, Clause 4 - 85°C

Methodology: BS 6920: Part 2: Section 2.2 and in-house method PROC/MAT 004 and 006.

Date Leaching Test Started: 21-FEB-2024

First Extract - Chlorinated Test Water

Panellist	Odour Descriptor	Flavour Descriptor	Flavour Dilution Number
1	None	None	1
2	None	None	1
3	None	None	1

First Extract - Chlorine Free Test Water

Panellist	Odour Descriptor	Flavour Descriptor	Flavour Dilution Number
1	None	None	1
2	None	None	1
3	None	None	1

On the basis of these results the samples of this product referred to in this report have been found to conform to the requirements of BS 6920: Part 1: 2014, Clause 4.



<< *Testing Laboratories* >>

	Flag	Id	Address
All work performed at: (Unless otherwise specified)	→	NSF_WALES	NSF Wales Ltd. NSF Wales Ltd Unit 30 Fern Close Pen-Y-Fan Industrial Estate Oakdale, Newport NP11 3EH, UK

Job Notes:

This report replaces previously issued report with serial# FI20240426103901. This report is being re-issued due to a correction in the client's name. This does not change the overall status of the report.

NOTES

1. This report is issued in accordance with the laboratory accreditation requirements of the United Kingdom Accreditation Service (UKAS). NSF Wales Ltd is UKAS accredited against ISO/IEC 17025:2017 for testing, laboratory number 0626. For details of the laboratory Schedule of Accreditation please see the UKAS website (www.ukas.com).
2. The laboratory provides traceability of measurement to the SI system of units and/or to units of measurement realised at the National Physical Laboratory or other recognised national metrology institutes.
3. Reported conformity statements have been applied in line with the decision rule inherent in the applicable testing standard.
4. Test reports utilise the simplified test report format option allowed by ISO/IEC 17025:2017 (reference clause 7.8.1.3). This simplified report does not include all of the information on the report specified by ISO/IEC 17025:2017 (clauses 7.8.2 to 7.8.7) but as stated in the standard this data is held by the laboratory and is available to the client on request.
5. Opinions and interpretations in this report are outside the scope of UKAS Accreditation.
6. The results specified in this report relate only to the sample(s) of the product submitted for testing. Any change in the source or nature of the product or materials used in the product, method of manufacture or application could affect the performance of the product.
7. This test report does not constitute approval or endorsement of the product by either NSF Wales Ltd or its parent companies.
8. The contents of this report are the copyright of NSF Wales Ltd and all rights are reserved. No part of this publication may be reproduced, stored in a retrieval system in any form or by any means electronic, mechanical, photocopying, recording or otherwise, without prior written consent of NSF Wales Ltd.
9. Any queries regarding this report should be addressed to the authorised signatory at NSF Wales Ltd. Copies of reports are retained by NSF Wales Ltd for ten years after issue.
10. Non UKAS accredited tests or tests which have been subcontracted will be identified in the following manner:
 - Tests marked † are not included in the laboratory's ISO 17025 accreditation schedule.
 - Tests marked ‡ have not been performed by NSF Wales Ltd and have been performed at an approved subcontract laboratory.
11. We draw to your attention that reports issued by the accredited test laboratories do not of themselves constitute approval by the Water Regulations Advisory Scheme or the test laboratory. Only a letter from the Scheme, citing a Directory Reference number can be regarded as indicating approval.
12. Materials and products intended for use by public water supply company in the preparation or conveyance of water may need to satisfy more comprehensive toxicological requirements as specified by the Drinking Water Inspectorate. These additional requirements are necessary to ensure water Company usage complies with Regulation 31 of the Water Supply (Water Quality) Regulations 2010.