

TESTING TO AS/NZS 4020, PRODUCTS FOR USE IN CONTACT WITH DRINKING WATER

APPLICATION FORM

Organisation
Contact Name
Product

For WRc-NSF use only

Enquiry Number MAT/ENA:	Date
Laboratory Reference MAT/ASN:	Date Application Received:

1. APPLICATION FOR TESTING

To enable WRc-NSF to perform the test to the required standard, please ensure that the Application Form is completed in full prior to submission of any test samples.

If you require assistance or have any queries, please contact:

Mr Mark Norris
Materials Test Manager
WRc-NSF Ltd
Fern Close
Pen-y-fan Industrial Estate
Oakdale
GWENT
NP11 3EH

Telephone: +44 (0) 1495 236 260
Fax: +44 (0) 1495 249 234
E-mail: materials@wrcnsf.com

***IMPORTANT** Please use a separate Application Form for each product - photocopies are acceptable.*

When we have received a completed Application Form we will contact you with a quotation for the work requested and the product requirements for testing.

All work undertaken is subject to WRc-NSF Contract for Evaluation Analysis and Test Work Conditions.

An application for testing comprises:

- a completed Application Form;
- appropriate Product Safety Data Sheets;
- Instructions for Use (if applicable);

If extra space for any section of this form is required, please attach an extra sheet clearly indicating the name of the applicant, product name, and section and page number to which it refers.

On completion of the test, WRc-NSF can provide assistance in obtaining certification.

2. ORGANISATION DETAILS

Applicant Information

Name of Organisation	
Contact Name (please print)	
Signed	Date
Position	
Address	
Post Code	
E-mail	
Telephone No.	
Fax No.	

Invoicing details (if different from above)

Name of Organisation	
Contact Name (please print)	
Signed	Date
Position	
Address	
Post Code	
E-mail	
Telephone No.	
Fax No.	

3. PRODUCT INFORMATION

Product Types		
New	Yes	No
Reformulated	Yes	No
Thermoplastic materials and components eg Acetal, Nylon, PTFE, Polybutylene, Polyethylene, Polyphenylene oxide, Polyphenylene sulphide, Polypropylene		
Thermosetting materials and components Epoxy resins, GRP, Polyesters, Polyurethane resins		
Rubber materials and components (Elastomeric) EPDM, Ethylene-propylene, Natural isoprene nitrile, Styrene-butadiene		
Site Applied products Coatings, Linings, Paints		
Factory Made or Applied Coatings, Linings, Paints, Pipes, Fittings		
Non-homogeneous/Composite products Hoses, Tanks		
Fluids for indirect heating systems		
Cementitious products Cements, Concrete, Mortar, grout, filler		
Ceramics, Sealants, Graphite, Gland packing, Lubricants, Release agent		
Solders/Solder fluxes, Flux		
Magnets, polymeric, metallic		
Fittings Backflow prevention devices, Cisterns, Hot water units, Tap assemblies, Filters and housings, Valves, Water treatment appliances		
Pipes, Tubes		
Other		

4 TESTS REQUIRED

Full Tests

Test	Tick if Required
Full Tests of Effect on Water Quality - Cold Water Use Only	
Full Tests of Effect on Water Quality - Hot Water Use Only	
NB If for Hot Water use, please specify the maximum water temperature at which the product is to be used (40 to 100 °C):	Temp

Limited Testing, for product development, reformulation etc

Test	Tick if required
Taste of Water Test	
Growth of Aquatic Micro-organisms Test.	
Other - please state	

Does the product require preconditioning or other treatment before commencement of the test(s)? If so, please specify

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Should your test requirements not fall into any of the above categories, please contact the Materials Test Manager at the address provided in Section 1 to discuss your requirements further.

5. PRODUCT INFORMATION

It is important to give as much information as possible about the product for testing; this will assist in interpretation of the test results.

Information on the chemical composition of the product is also required for interpretation of results and to comply with Health and Safety requirements. All information provided will be treated in the strictest confidence - if preferred confidential information can be submitted in a separate envelope marked 'Confidential', for the personal attention of the Materials Test Manager. Please also include the Material Safety Data Sheets (MSDS) for chemicals, components and the final product (where appropriate).

5.1	General Information	
Product		
Product manufacturer		
Place of manufacture		
Submitting organisation		
Trade name and reference of the product		
Batch number		
General composition of the product		
Typical use of the product		
Sampling procedure and Organisation		
Date test sample manufactured		

5.2	Is the Product to be used for Component manufacture?	Yes/No
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If yes please answer the following questions;	
Component name/reference	
Component manufacturer	

5.3	Is the Product to be used by a Fitting manufacturer?	Yes/No
If yes please answer the following questions;		
Fitting name/reference		
Fitting manufacturer		

5.4	Chemical Composition, please provide information on the chemical composition of the product - see note above

5.5	Other Testing		
Has the product or any of the ingredients been subject to any Toxicological evaluation?	Yes, please provide/attach relevant information	No	Not known
Has the product or any of the ingredients been subject to any Migration tests?	Yes, please provide/attach relevant information	No	Not known
Has the product or any of the ingredients been subject to any Biodeterioration or Biodegradation evaluation?	Yes, please provide/attach relevant information	No	Not known
Does the product contain a Biocide?	Yes, please provide/attach relevant information	No	Not known

5.6	Applied Materials
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Is the product factory or site applied	Yes	No
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NOTE

Site applied products must be prepared or the preparation witnessed by the test laboratory and any pre-test curing done at the test laboratory.

What is the maximum exposure of the product in terms of surface area (mm ²) per litre of water (show calculations)?	
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Is the product used to re-line or repair pipelines, reservoirs or tanks?	Yes	No
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If yes, please give minimum dimensions of products that can be re-lined.	
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For cementitious products, does the product contain any organic or additives, modifiers?	Yes	No
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If present please give details	
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Please provide details and typical applications for the product.

Is a primer or undercoat used with the product	Yes	No
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If yes then the primer or undercoat and full instructions for application must be supplied with the product for testing

5.7	Product preparation
<p>The following information must be provided for each product application. WRc-NSF reserves the right to refuse to prepare your test samples if this information is not provided.</p> <p>Sufficient details for preparation such Instruction for Use for product preparation, as supplied to the customer or end user.</p> <p>Relevant Product Data Sheets and Health and Safety Information.</p>	

Please provide the following details, include tolerances as would be expected to be used in preparation of the coating.	
Normal minimum cure period	
Normal cure minimum temperature (°C ±)	Normal humidity (% relative humidity ±)
Wet film thickness, maximum and minimum (µm ±)	
Mix ratios (wt/wt, vol/vol)	

5.8	Rubber (Elastomeric) Products
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<p>NOTE Freshly cured samples should be stored for one month in unsealed polythene bags <u>before</u> being submitted for testing.</p>

Is the vulcanisation/curing process identical for the test sample and production samples?	Yes, please provide/attach relevant information	No	Not known
Has a mould release agent been used?	Yes, please provide/attach relevant information	No	Not known
Is this the only mould release reagent that will be used?	Yes, please provide/attach relevant information	No	Not known
Please give details of the mould release reagent.	Yes, please provide/attach relevant information	No	Not known
What kind, Trade name, Composition, Supplier.	Yes, please provide/attach relevant information	No	Not known
Date test sample prepared			

5.9	Fittings Scaling factor
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What is the smallest size of product for which qualification is sought?	
Which product size has the greatest surface area to volume ratio?	
What is this ratio? (show calculations)	
Is this fitting in-line or end-of-line?	
For in-line fittings, what scaling factor can be applied to the fitting when used as a system component (show calculations)?	