

CERTIFICATION

NF certification system administrative management appendix:

RIGID NON-PLASTICISED PVC PIPES AND FITTINGS



Identification no.: NF 055

Revision no.: 20

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Part 1.

Obtaining certification

1.1 Lodging an initial admission application

1.1.1 SUBMISSION OF THE APPLICATION DOSSIER

The application shall be submitted in compliance with the conditions and templates provided in Part 3 (paragraph 3.1).

If the product comes from a manufacturing plant located outside the European Economic Area, the applicant shall designate a representative within the EEA as a joint signatory to the application.

When the application is received, the following procedure is initiated:

- an administrative and technical review of the request is performed;
- the assessment (audits and tests) is carried out;
- the assessment is reviewed;
- the decision is taken.

1.1.2 ADMINISTRATIVE AND TECHNICAL REVIEW OF THE APPLICATION

When the application dossier is received, CSTB verifies that:

- all documents requested in the application dossier are included;
- elements contained in the technical file respect the requirements in the certification reference system.

The application is only admissible if:

- the application letter is complete, signed and accompanied by the signed quote where applicable;
- the applicant manages and assumes responsibility for the following stages: design, production, assembly, quality control, marking, packaging and marketing and specifies the critical points of the various steps;
- any aspect not carried out by the applicant shall be covered by a contract defining the respective responsibilities with the service provider. The applicant shall remain responsible for all operations and for ensuring they are consistent;
- the products covered by the application comply with the reference standards and technical specifications set out in Part 2 of this certification reference system;

- the inspections and tests for the products covered by the application and specified in this certification reference system and technical document(s) 055-02 to 055-06, are implemented;
- all requested documents are enclosed with the application, in particular, the contractual documents between the applicant/representative and the applicant/distributor, if applicable.

CSTB also ensures that it has all the resources needed to reply to the application, and it may request additional information needed to ensure the admissibility of the dossier if it is incomplete.

Once the application is admissible, CSTB plans for the assessment and informs the applicant of the organisational procedures (auditor, audit duration, sites to be audited, laboratories, products to be sampled, etc.).

1.1.3 ASSESSMENT METHODS

The inspections performed in the context of NF marking are generally of two types:

- audits carried out at the production site;
- tests on the products.

1.1.4 ASSESSMENT REVIEW AND DECISION

CSTB assesses the test and audit reports that are prepared and sent to the applicant (assessment review).

The reports, as the case may be, are accompanied by a request for a reply within a prescribed time span.

In certain cases, a complementary inspection may be requested by CSTB, based on its analysis of the reports.

For each irregularity, the applicant shall describe the actions implemented or planned, along with a schedule for their application that is consistent with the deviation observed. The persons responsible for the actions to be implemented must also be specified here.

CSTB analyses the relevance of the reply and may ask for an additional inspection to be carried out in order to verify that corrective actions have been taken (partial or complete audit and/or testing/document verification).

CSTB may present an anonymous summary of all assessment results to the Specific Committee for its opinion.

Depending on the results of the entire assessment, CSTB will take one of the following decisions:

- certification agreement with or without comments;
- certification refusal, giving reasons for the refusal.

In case of a positive certification decision, AFNOR Certification shall grant the right to use the NF mark and CSTB shall remit the NF certificate to the applicant which, on that occasion, will become the holder of the right to use the NF mark.

The certificates are issued without a validity date.

Applicants can contest the decision taken by sending a request in accordance with the General Rules of the NF mark. They are entitled to present their case formally.

Granting the right of use in no way substitutes CSTB's responsibility for the legal responsibility of the company that holds the right to use the NF mark.

The holder can then communicate about their certification using the methods defined in Part 2 of the certification reference system.

1.2 Complementary admission application

The steps described in paragraph 1.1 above apply.

The application shall be submitted in compliance with the conditions and templates provided in Part 3 (paragraph 3.2).

1.3 Extension application

The steps described in paragraph 1.1 above apply along with the following specific requirements:

- In the case of a new product: the audit can be adapted or accompanied by a surveillance audit.
- in the case of an extension application for a modified certified product, the tests are defined based on the planned modification;
- the audit can be adapted or accompanied by a surveillance audit.
- The audit regime (twice yearly or yearly) following this extension will be proposed by CSTB after consulting with the Specific Committee.

The application shall be submitted in compliance with the conditions and templates provided in Part 3 (paragraph 3.3).

1.4 Maintenance application

The application shall be submitted in compliance with the conditions and templates provided in Part 3 (paragraph 3.4).

In the context of distribution under other trademarks, certain modifications may be made to the presentation of the affected products that have no functional effect. In this case, the holder shall specify in the maintenance application the list of modifications made to the products in question.

CSTB then makes sure that these modifications have no functional effect.

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The Specific Committee is notified when CSTB issues decisions to maintain the right of use.

The company that distributes the certified products must provide CSTB with all the sales documents (catalogues, brochures, websites, etc.) that refer to these products and send updated documents for each new version.

CSTB may carry out inspections at the retail site (merchants, DIY superstores, etc.) for products that are the subject of a maintenance application.

1.5 Preliminary admission application for a “stand-by” plant

See Technical Document 055-07.

Part 2.

Maintaining certification: terms and conditions for follow-up

Throughout the certification period, the holder shall:

- comply with the requirements and marking procedures described in Part 2 of the certification reference system;
- update their certification file using the templates supplied in Part 3 of this Appendix;
- always inform CSTB of any modification to one of the characteristics of the certified product and/or of their organisation that is likely to have an impact on the certification.
- CSTB follows up on the certified products, starting when the right to use the NF Mark is granted. This follow-up comprises audits and tests on the products.
- It also includes the surveillance of the use of the mark and of the logo on the products, packing and on all communication media.
- The NF Mark is granted to a product coming from a specific manufacturing unit, defined by a trademark, a specific trade reference and technical characteristics. Consequently, the holder shall notify CSTB in writing of any changes to the conditions under which the NF mark was obtained.

In addition, CSTB reserves the right to carry out any controls (visits, tests, verifications, etc.) it deems necessary as a result of:

- a modification affecting the certified product or the quality organisation of the manufacturing entities (manufacturing plant, production workshops, subcontractors' plants, etc.);
- complaints, disputes, legal actions, etc. about which it becomes aware related to use of the NF mark;
- checks (including sampling) may be made in trade outlets.

In case of disputes with users, the inspections may include samples collected or tests at the usage sites (in this case, the holder is invited to be represented in order to observe the operations).

2.1 Conditions for follow-up inspection

Monitoring of certified products includes follow-up audits of the production unit and tests on the products.

It also includes monitoring of the use of the mark and the logos on the products, packaging and any communication materials.

The reports are accompanied, where appropriate, by deviation sheets, including a request for a proposal of corrective action by the holder, within a prescribed time span.

The follow-up conditions (for audits and tests) depend upon the following:

- whether or not the holder holds the ISO 9001 certification, in compliance with Part 2 of this certification reference system;
- decisions made as a result of previous inspections (audits and tests);
- any applicable simplifications.

Before initiating the follow-up process, CSTB completes an administrative and technical review of the certification dossier to ensure that no modifications affecting certification need to be taken into account.

2.2 Assessment review and decision

CSTB assesses the test and audit reports that are prepared and sent to the holder (assessment review).

In certain cases, a complementary inspection may be requested by CSTB, based on its analysis of the reports.

For each irregularity, the holder shall describe the actions implemented or planned, along with a schedule for their application that is consistent with the deviation observed. The persons responsible for the actions to be implemented must also be specified here.

CSTB analyses the relevance of the reply and can request the implementation of an additional inspection.

CSTB may submit to the Specific Committee, for approval, <a summary of all the assessment results in an anonymous way> <the assessment conclusions>.

Depending on the results of all the inspections, CSTB comes to a conclusion about the assessment and notifies the holder of the conclusion, which may be:

- <conclusion of certificate maintenance>, or
- <decision to renew the certificate>, or
- decision to apply a penalty in accordance with the General Rules of the NF mark.

In the event of a penalty, this will be operative as of the notification date. The choice of penalty depends on the severity of the observed deviation. Penalty notifications that affect the right of use are signed by CSTB Management.

The cost of additional inspections due to the penalties or after analysis of reports is to be borne by the holder.

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The holders and their distributors that benefit from maintenance of the right of use are each responsible for the right to use the NF mark, in relation to the product under consideration and undertake to apply the measures resulting from the penalties, decided upon in conformity with the certification reference system.

Any suspension or withdrawal of the right to use the NF mark results in the prohibition to use the NF mark and to make reference to it. This obligation is valid not only for the holder but also for the whole sales network of their company, as well as for the dealers called upon to distribute the company's products.

After consulting with the Specific Committee, a suspension of the right of use for an entire product range (group or family of products) may be accompanied by a ban on selling all or some of the products in the manufacturer's inventory covered by the suspended certificate.

All the documentation (technical and sales documents, labels, notices, advertising, websites, etc.) shall no longer mention the NF mark for the product subjected to a suspension or a withdrawal (erratum and/or reprinting).

Holders can contest the decision taken by submitting a request in accordance with the General Rules of the NF mark. They are entitled to present their case formally.

2.3 For the special case of follow-up and issuance of a certificate for a "stand-by" plant

See Technical Document 055-07.

Part 3.

Certification files

The application for the right to use the mark must be prepared by the applicant/holder in one copy in accordance with the examples and templates set out below. **One original of this request shall be prepared on the applicant's letterhead paper in French** and the entire application shall be sent to CSTB.

In the event that the product comes from a manufacturing unit located outside the European Economic Area, the applicant shall designate a representative within the European Economic Area who co-signs the application.

For the processing of an application for a product which benefits from a foreign conformity mark or from a test certificate issued by a foreign laboratory, existing recognition agreements shall be taken into account, in accordance with the General Rules of the NF mark.

Note: Electronic versions of template letters and sheets may be obtained from CSTB.

3.1 For an initial admission application

The applicant shall prepare a dossier which includes:

- an application and commitment letter from the applicant in accordance with standard letter 1;
- a general information sheet about the applicant, as per standard sheet 3;
- An information sheet concerning the product/product family/product range in accordance with the definition given in Part 1 of the certification reference system and established using standard sheet 004;
- Additional elements set out in sheet 005 (specific to the application)
- The application is to be formulated in **1 original on the applicant's letterhead**. The technical file is to be submitted in 1 copy. All the documents are to be remitted to CSTB.

3.2 For a complementary admission application

The holder shall prepare a file containing the following:

- an application and commitment letter in accordance with standard letter 1.
- a general information sheet about the applicant, as per standard sheet 3;
- The application is to be formulated in **1 original on the applicant's letterhead**. The technical file is to be submitted in 1 copy. All the documents are to be remitted to CSTB.

3.3 For an extension application

The holder shall prepare a file containing the following:

- an application and commitment letter from the holder using standard letter 2A;
- an information sheet concerning the product/range of products (established in accordance with standard sheet 004) indicating only the modifications made in relation to the NF-certified product/range of products;
- possible addition of elements listed in sheet 005.
- The application is to be formulated in **1 original on the applicant's letterhead**. The technical file is to be submitted in 1 copy. All the documents are to be remitted to CSTB.

3.4 For a maintenance application

The holder shall prepare a file containing the following:

- an application and commitment letter from the holder using standard letter 2B;
- a distributor's commitment sheet (signed) on their Company's letterhead paper, in accordance with standard letter 2B (cont'd).
- for each trademark, an application and commitment letter following standard letter 002B, to be completed by the holder, accompanied by the distributor's signature, in French;
- sales documentation (instructions or excerpt from the catalogue) of the distributor relative to the products covered, in French or English.
- The application is to be formulated in **1 original on the applicant's letterhead**. The technical file is to be submitted in 1 copy. All the documents are to be remitted to CSTB.

3.5 For a new admission application following withdrawal of the right to use the NF mark

The holder shall prepare a file containing the following:

- an application and commitment letter from the applicant in accordance with standard letter 1;
- a general information sheet about the applicant, as per standard sheet 3;
- one data sheet per product using standard sheet 4;
- specific items that all applicants must submit as part of a new admission application where the right of use has been withdrawn as a result of a penalty, using standard sheet 5.
- The application is to be formulated in **1 original on the applicant's letterhead**. The technical file is to be submitted in 1 copy. All the documents are to be remitted to CSTB.

- the specific elements to be provided as part of a new application for admission by any applicant whose right of use has been withdrawn following a sanction in the case of a deceptive business practice or non-compliant products put on the market pursuant to Articles L 121-2 to L121-5 of the Consumer Code:

Case 1 (according to sheet 6): Issuing a false testimonial and/or a false certificate stating that products are certified by CSTB when they are not.

Case 2 (according to sheet 6bis): Intentional manufacture of a non-compliant product (non compliance with one or more requirements of the present Certification Reference System) while this product has a "product" certificate issued by CSTB.

Case 3 (according to sheet 6bis): Marketing of a non-compliant product (non-compliance with one or more requirements defined in technical document N ° 055-08) while this product has a "product" certificate issued by CSTB.

3.6 For a preliminary admission application

See Technical Document 055-07.

STANDARD LETTER 001

NF MARK

**RIGID NON-PLASTICISED PVC PIPES AND FITTINGS
APPLICATION FORM FOR THE RIGHT TO USE THE NF MARK
OR EXTENSION OF THIS RIGHT TO A NEW PRODUCT FAMILY
(to be drawn up on the applicant's letterhead)**

Centre Scientifique et Technique du
Bâtiment
Services HES -
Attention: Mr Miemounitou
84, avenue Jean Jaurès
CHAMPS SUR MARNE
77447 MARNE LA VALLÉE CEDEX 02

**Subject: NF Mark - RIGID NON-PLASTICISED PVC PIPES AND FITTINGS
Application for the right to use the NF mark.**

Dear Sir, Madam,

I would like to apply for the right to use the NF mark:

- for the following product/range:..... (detailed list of products that may be appended to the application)
- produced in the following manufacturing unit: (company name) (address)
- for the following trade name:..... (trademark, trade reference, which may be appended to the application).

To that end, I declare that I understand and accept the general rules of the NF mark and the certification reference system of the NF mark "Rigid Non-Plasticised PVC Pipes and Fittings" and I commit to following them throughout usage of the NF Mark.

I authorise the full publication of the certificates relating to this application.

<OPTION (1): Furthermore, I delegate to the Company (legal name) (company legal form), (registered office), represented by (Mr/Ms) (name of the legal representative) in that person's capacity (position) to represent me in the European Economic Area for all questions relating to the use of the NF Mark – Rigid Non-Plasticised PVC Pipes and Fittings.*

I undertake to immediately notify CSTB of any new appointment of the representative designated above.

For this purpose, I request that the services for which I am responsible be invoiced directly to the Company. They will make the payments on my behalf and in my name as soon as the invoices are received, as agreed when accepting the role of representative.

Yours faithfully,

**Date and signature of the applicant's/holder's
representative
legal representative**

**(2) Date and signature of the
in the European Economic Area**

Preceded by the handwritten words
"Fit for acceptance of representation"

⁽¹⁾ Delete as appropriate

⁽²⁾ Only applies to applicants or holders located outside the European Economic Area (EEA).

STANDARD LETTER 002 A
NF MARK
RIGID NON-PLASTICISED PVC PIPES AND FITTINGS
EXTENSION APPLICATION FORM FOR THE RIGHT TO USE THE NF MARK
FOR A NEW OR MODIFIED PRODUCT
(to be drawn up on the applicant's letterhead)

Centre Scientifique et Technique du
Bâtiment
Services HES
Attention: Mr Miemounitou
84, Avenue Jean Jaurès –
CHAMPS SUR MARNE
77447 MARNE LA VALLÉE CEDEX 02.

Subject: NF MARK - RIGID NON-PLASTICISED PVC PIPES AND FITTINGS
Extension application for the right to use the NF mark.

Enclosure(s): a technical file

Dear Sir, Madam,

As the holder of the NF Mark - Rigid Non-Plasticised PVC Pipes and Fittings for the product of my manufacture, identified under the following references:

name of the product/group and/or product family:

manufacturing unit:

commercial reference:

trademark:

right of use granted on (date) and bearing the following number:

I am writing to apply for the right to use the NF mark for the product/product range I manufacture, derived from the NF-certified product/product range with the following modifications: (description of the modifications).

This product/range for which I am seeking an extension will replace the certified product/product range:

NO(1)

YES(1)

I declare that the products/product range covered by this application are, with relation to the other characteristics, strictly in conformity with the products/product range already NF-certified and manufactured under the same conditions.

Yours faithfully,

**Date and signature of the applicant's/holder's
representative
legal representative**

**(2) Date and signature of the
in the European Economic Area**

Preceded by the handwritten words
"Fit for acceptance of representation"

⁽¹⁾ Delete as appropriate

⁽²⁾ Only applies to applicants or holders located outside the European Economic Area (EEA).

STANDARD LETTER 002 B

NF MARK

RIGID NON-PLASTICISED PVC PIPES AND FITTINGS

APPLICATION FORM TO MAINTAIN THE RIGHT TO USE THE NF MARK

(to be drawn up on the applicant's letterhead and stamped/signed by the owner of the mark)

Centre Scientifique et Technique du
Bâtiment
Services HES
Attention: Mr Miemounitou
84, Avenue Jean Jaurès –
CHAMPS SUR MARNE
77447 MARNE LA VALLÉE CEDEX 02.

**Subject: NF MARK - RIGID NON-PLASTICISED PVC PIPES AND FITTINGS
Application to maintain the right to use the NF mark.**

Dear Sir, Madam,

I am writing to apply to maintain authorisation to affix the NF mark to products that only differ from those admitted to the mark by their references and trademarks, which are affixed thereon and by slight changes that in no way modify their characteristics.

The company that is going to distribute these products under the trademark (new label requested) is the following at the address below:

Name:

Address:

Identification of the product admitted to the NF mark		Trade name 1 requested by the distributor
Certificate No.	Name and reference of the holder's product	
xxx....		

Please find attached a copy of the commitment sheet signed by the Company (distributor's name) to distribute under the trade name (name or trade reference) only the products that I have delivered to said company.

I commit to immediately informing CSTB of any modification made to the distribution of these products and, in particular, in the event of supply discontinuation to the company named above.

I authorise CSTB to inform the above-named Company of any penalties, applied in accordance with the Certification Reference System, relating to the products covered by this document.

Yours faithfully,

**Date and signature of the legal
representative of the holder
(maintenance applicant)**

DISTRIBUTOR'S VALIDATION

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I, the undersigned
 acting in my capacity as:
Indicate the position of the representative (Manager, President, General Director, etc.)
 with headquarters at:
 hereby undertake:

- to make no technical changes, in particular affecting the nature and/or operational features of the products named below:

Identification of the product admitted to the NF mark		Trade name ¹ requested by the distributor
Certificate No.	Name and reference of the holder's product	
.....

- to make no other modifications of details on the products as manufactured by the company <holder> except for the following <modifications>. Any subsequent modification shall be reported beforehand to CSTB for approval and also agreed with the holder;
- to not change the abovementioned trade names unless agreed with the holder of the right to use the NF mark;
- to distribute under these trade names only the products delivered by the company <holder>;
- to not make any modification to said trade names without having first notified CSTB by registered letter with acknowledgement of receipt;
- to not make any modification to the marking of the products affixed by the holder, in conformity with the provisions of the NF <No.> Certification Reference System, which the undersigned attests to having read and approved;
- to lend CSTB my assistance for any verifications pertaining to the products hereby covered and their marketing;
- to apply the measures resulting from the penalties imposed in accordance with the certification reference system for granting NF marking, which the undersigned attests to having read and approved;
- to send all commercial documents to CSTB that make reference to the products admitted to the NF Mark (catalogues, brochures, etc.);
- to pay the admission fee provided for in the mark's price list and make all additional payments that will be required of me in accordance with these rules, *particularly the fee for the annual inspection in the retail site according to the financial regime of the NF 055 Mark*;
- to affix the trade name to the products delivered by the company <holder>.

Yours faithfully,

¹ "Trade name" means any distinctive feature that makes it possible to accurately identify both the distributor and the product covered by the NF mark.

Date and signature of the legal representative of the maintenance beneficiary **Date and signature of the Holder's representative in France ¹**

<OPTION (2): Date and signature
 of the European Economic Area representative

¹ Only applies to applicants located outside the European Economic Area.

SHEET 003

APPLICANT GENERAL INFORMATION SHEET

NF MARK

RIGID NON-PLASTICISED PVC PIPES AND FITTINGS

MANUFACTURING UNIT

- * Company name: _____
- * Address: _____
- * Country: _____
- * Telephone: _____ Fax: _____
- * SIRET No.¹: _____ NAF Code¹: _____
- * Name and capacity of the legal representative²: _____
- * Name and capacity of the correspondent (if other): _____
- * VAT identification number³: _____
- * Email address: _____
- * Website: _____
- * Certified quality system⁴: ISO 9001:2008

HOLDER (if different from the manufacturing unit):

- * Company name: _____
- * Address: _____
- * Country: _____
- * Telephone: _____ Fax: _____
- * SIRET No.¹: _____ NAF Code¹: _____
- * Name and capacity of the legal representative²: _____
- * Name and capacity of the correspondent (if other): _____
- * VAT identification number³: _____
- * Email address: _____
- * Website: _____

DELEGATE (if requested):

- * Company name: _____
- * Address: _____
- * Country: _____
- * Telephone: _____ Fax: _____
- * SIRET No.¹: _____ NAF Code¹: _____
- * Name and capacity of the legal representative (2):

¹ Only for French companies.

² The legal representative is the individual legally responsible.

³ Applies to European manufacturers.

⁴ Include a copy of the certificate.

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- * Name and capacity of the correspondent (if other):

- * VAT identification number (3):

- * Email address:

- * Website: _____

CONSULTANCY SERVICES:

If CSTB has undertaken any consultancy work for your company in the 2 years prior to this admission application, please specify:

- * The designation of the consultancy service:
- * The name of your contact at CSTB:

¹ Only for French companies.

¹ The legal representative is the individual legally responsible.

¹ Applies to European manufacturers.

¹ Include a copy of the certificate.

**SHEET 004
NF MARK RIGID NON-PLASTICISED PVC PIPES AND FITTINGS**

**PRODUCT DATASHEET
PIPES SUBMITTED FOR ADMISSION**

Name of pipe extruder:

Relevant family:

Trademark(s):

External diameter diameter DN (mm)	Nominal thickness (mm)	Nominal pressure (if applicable)	Type of assembly (sealing ring or solvent- welding)

**Date
Stamp and signature**

**SHEET 004
NF MARK RIGID NON-PLASTICISED PVC PIPES AND FITTINGS**

**PRODUCT DATASHEET
FITTINGS SUBMITTED FOR ADMISSION**

Name of the holder:
Relevant family:
Trademark(s):

Designation	Angle	Orifice: M = Male F = Female	Dimensions	Type of assembly (sealing ring or solvent-welding)

**Date
Stamp and signature**

Sheet 004

NF MARK - RIGID NON-PLASTICISED PVC PIPES AND FITTINGS

PRODUCT DATASHEET

GROUP 2 FITTINGS SUBMITTED FOR ADMISSION

Name of the holder:

Relevant family:

Trademark(s):

KEY	
A	Plugs (side or end)
B	Parallel branch (same plane)
C	Right-angle branch
D	Long radius
J	Any joint elbow

ELBOWS		20°				30°				45°					67°30'				87°30'					
		A	B	C	J	A	B	C	J	A	B	C	D	J	A	B	C	J	A	B	C	D	J	
32	MF																							
	FF																							
40	MF																							
	FF																							
50	MF																							
	FF																							
63	MF																							
	FF																							
75	MF																							
	FF																							
80	MF																							
	FF																							
90	MF																							
	FF																							
100	MF																							
	FF																							
110	MF																							
	FF																							
125	MF																							
	FF																							
140	MF																							
	FF																							
160	MF																							
	FF																							
200	MF																							
	FF																							
250	MF																							
	FF																							
315	MF																							
	FF																							

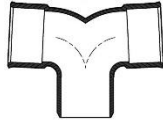
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Schematic diagrams

Plug

Parallel branch

Right-angle branch



Date
Stamp and signature

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Sheet 004

NF MARK - RIGID NON-PLASTICISED PVC PIPES AND FITTINGS

PRODUCT DATASHEET

GROUP 2 FITTINGS SUBMITTED FOR ADMISSION

Name of the holder:
Relevant family:
Trademark(s):

KEY	
A	Inspection plugs
B	Parallel branch (same plane)
C	Right-angle branch
D	Triple
P	Long radius tee/cross tee
Jd	Any expansion joint wye
J	any joint wye

Equal Wyes		45°						67°30'						87°30'					
		A	B	C	J	P	Jd	A	B	C	J	P	Jd	A	B	C	J	P	Jd
32	MFF																		
	FFF																		
40	MFF																		
	FFF																		
50	MFF																		
	FFF																		
63	MFF																		
	FFF																		
75	MFF																		
	FFF																		
80	MFF																		
	FFF																		
90	MFF																		
	FFF																		

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Equal Wyes		45°						67°30						87°30					
		A	B	C	J	P	Jd	A	B	C	J	P	Jd	A	B	C	J	P	Jd
100	MFF																		
	FFF																		
110	MFF																		
	FFF																		
125	MFF																		
	FFF																		
140	MFF																		
	FFF																		
160	MFF																		
	FFF																		
200	MFF																		
	FFF																		
250	MFF																		
	FFF																		
315	MFF																		
	FFF																		

Schematic diagrams:

Inspection plugs
branch



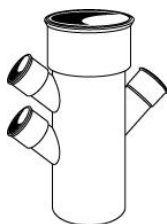
Parallel branch, same plane



Right-angle



Triple



Long radius tee/cross tee



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Date
Stamp and signature

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Sheet 004

NF MARK - RIGID NON-PLASTICISED PVC PIPES AND FITTINGS

PRODUCT DATASHEET

GROUP 2 FITTINGS SUBMITTED FOR ADMISSION

Name of the holder:
Relevant family:
Trademark(s):

KEY	
A	Special Ø combinations
B	Parallel branch (same plane)
C	Right-angle branch
D	Triple
P	Long radius tee/cross tee
Jd	Any expansion joint wye
MF except if: * = FF	

REDUCING WYES		45°						67°30'						87°30'						
		A	B	C	D	P	Jd	A	B	C	D	P	Jd	A	B	C	D	P	Jd	
32	25																			
40	32																			
50	32																			
	40																			
63	32																			
	40																			
	50																			
75	32																			
	40																			
	50																			
	63																			
80	32																			
	40																			
	50																			
	63																			
	75																			

REDUCING WYES		45°						67°30'						87°30'						
		A	B	C	D	P	Jd	A	B	C	D	P	Jd	A	B	C	D	P	Jd	
90	32																			
	40																			
	50																			
	63																			
	75																			
	80																			
100	32																			
	40																			
	50																			

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	63																		
	75																		
	80																		
	90																		
110	32																		
	40																		
	50																		
	63																		
	75																		
	80																		
125	90																		
	100																		
	110																		
	50																		
	63																		
	75																		
140	80																		
	90																		
	100																		
	110																		
	125																		

REDUCING WYES		45°					67°30					87°30							
		A	B	C	D	P	Jd	A	B	C	D	P	Jd	A	B	C	D	P	Jd
160	50																		
	63																		
	75																		
	80																		
	90																		
	100																		
	110																		
	125																		
	140																		
200	50																		
	63																		
	75																		
	80																		
	90																		
	100																		
	110																		
250	125																		
	140																		
	160																		
	200																		
	315																		
315	100																		
	110																		

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	125																	
	140																	
	160																	
	200																	
	250																	

Schematic diagrams:

Inspection plugs
branch



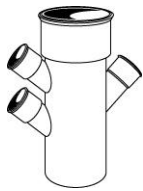
Parallel branch, same plane



Right-angle



Triple



Long radius tee/cross tee



Date
Stamp and signature

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Sheet 004

NF MARK - RIGID NON-PLASTICISED PVC PIPES AND FITTINGS

PRODUCT DATASHEET

GROUP 2 FITTINGS SUBMITTED FOR ADMISSION

Name of the holder:

Relevant family:

Trademark(s):

KEY	
A	slide
B	collar
C	Reducing plug/concentric ext reducer/integrated reducer
D	Double RP
E	Triple RP
F	saddle
J	for joint (any fitting)
Jd	for expansion joint (any fitting)

OTHER FITTINGS	A	B	C			D	E	F	J	Jd	Variants	
			Eccentric ext. reducer	Integrated reducer	Reducing plug						Ref. no.	Designations
32	25											
	32											
40	32											
	40											
50	32											
	40											
	50											
63	32											
	40											
	50											
	63											
75	32											
	40											
	50											
	63											
	75											

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OTHER FITTINGS		A	B	C			D	E	F	J	Jd	Variants	
				Eccentric ext. reducer	Integrated reducer	Reducing plug						Ref. no.	Designations
80	32												
	40												
	50												
	63												
	75												
	80												
90	32												
	40												
	50												
	63												
	75												
	80												
100	32												
	40												
	50												
	63												
	75												
	80												
110	32												
	40												
	50												
	63												
	75												
	80												
	90												
	100												
	110												

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OTHER FITTINGS		A	B	C			D	E	F	J	Jd	Variants		
				Eccentric ext. reducer	Integrated reducer	Reducing plug						Ref. no.	Designations	
125	32													
	40													
	50													
	63													
	75													
	80													
	90													
	100													
	110													
	125													
140	100													
	110													
	125													
	140													
160	100													
	110													
	125													
	140													
	160													
200	100													
	110													
	125													
	140													
	160													
	200													
250	100													
	110													
	125													
	140													
	160													
	200													
	250													
315	100													
	110													
	125													
	140													
	160													
	200													
	250													
	315													

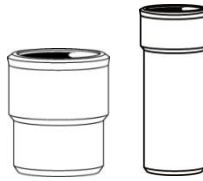
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Schematic diagrams:

Slide



Collar



Double RP



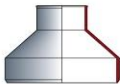
Triple RP



Saddle



Concentric ext. reducer



Integrated reducer



Reducing plug



Date
Stamp and signature

SHEET 005

NF MARK RIGID NON-PLASTICISED PVC PIPES AND FITTINGS

TEMPLATE HOLDER'S TECHNICAL FILE

The application for authorisation to affix the NF mark can only be validly taken into account if all the information below has been supplied by the applicant.

1 - PRODUCTS PRESENTED

Refer to the PRODUCTS sheet (sheet 004).

2. MANUFACTURING DEFINITION

2.1 RAW MATERIALS

- nature, origin and designation of the raw materials used,
- nature, origin and type of seals used,
- nature of controls performed on raw materials.

2.2 MANUFACTURING CONDITIONS

- description of the main manufacturing phases.

3 - GENERAL CHARACTERISTICS OF THE MANUFACTURING UNIT

- other production and parts represented by the products covered by the NF mark and/or which are the subject of the application,
- other possible quality mark(s) on products which are the subject of the application,
- manufacturing unit organisation chart.

4. QUALITY CONTROL AND ORGANISATION

If the quality assurance system is certified by a third party (recognised by AFNOR CERTIFICATION) for the chain of products in question, the certificate must be included in the technical file.

The application must prove compliance of the quality assurance system with the specifications in Appendix 5 of this certification reference system.

Part 4. Prices

The purpose of this part is to define the total cost due for NF certification-related services and to describe the terms of payment.

NF certification includes the following services:

- developing and setting up an application,
- examining the certification application,
- processing the certification application,
- tests
- audits
- sampling
- fee for the right to use the NF mark,
- additional checks
- promoting the NF mark

3.7 Services relating to NF certification

Nature of the service	Definition of the service	General terms and conditions common to all NF marks
Developing and setting up an application	Participation in the implementation of the NF mark, including preparation of the certification reference system.	This service is paid by the company when it makes its initial application for the right to use the NF mark. The fee for these services remains due even if the right to use the NF mark is not awarded or if the application is abandoned during the examination.
Examining the certification application	Services including examination of the application dossiers, the relationships with the applicants, the laboratories, the auditors and the assessment of the results of the inspections.	This service is invoiced when the application is received. It is a single flat amount. The fee for these services remains due even if the right to use the NF mark is not awarded or if the application is abandoned during the examination.
Processing of the certification application	Services for processing the dossiers of certified products and their holders, preparing lists of certified products and assessing the results of the inspections.	
Tests	Laboratories' testing services.	The laboratories' price lists are provided upon request. The fee for these services remains due even if the right to use the NF mark is not

		awarded or if the application is withdrawn during the examination.
Audit	Services including preparation for the audit, the audit itself as well as the report. Travel expenses are to be added to these services.	Payment for these services remains due even if the right to use the NF mark is not awarded or renewed.
Sampling	Services including preparation and the sampling itself.	The minimum amount to be invoiced is half a day.
Right to use the NF mark	This fee for the right of use, which goes to AFNOR Certification, is intended to cover: <ul style="list-style-type: none"> - the general operation of the NF Mark (setting up quality assurance, monitoring NF network organisations, managing the NF mark Committee) - defending the NF mark: registration and protection of the mark, legal counsel, dealing with improper usage and justice costs - contribution to the generic promotion of the NF mark. 	The annual fee for using the NF mark is invoiced to the holder after certification of a product. Whenever the NF mark is granted during the year, the amount of the usage fee is calculated on a pro rata basis, based on the number of months following the decision to grant the right of use.
Additional inspections	Services resulting from additional inspections or verification tests that may prove necessary following detection of deficiencies or anomalies during ongoing tests.	These services are paid by the holder at existing rates, which can be provided on request.
Inspection in retail sites	Inspection carried out in the retail site of the products distributed under an application for maintaining the right of use (for holders/distributors only).	These services are to be borne by the distributor-holder maintaining the right to use the NF mark, at existing rates, which can be provided on request.
Promoting the NF mark	Sector promotion actions to promote the NF mark.	The fee for this service is determined each year and invoiced in addition to the other services.

3.8 Paying for the services

3.8.1 INITIAL APPLICATION/EXTENSION APPLICATION

The registration fee and the costs relating to the examination and inspection services, invoiced as part of an admission or extension application for the right to use the mark, are payable in a lump sum payment, at the time the application is submitted, for its official

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registration. They are considered earned even in the event that the right of use is not granted or extended.

Expenses relating to the annual monitoring services and the right of use are payable during the first quarter of each year and are considered earned in the event of non-renewal, cancellation or suspension of the right of use during the year.

The CSTB assumes responsibility for passing on to AFNOR Certification the share that is due to it.

The applicant or the holder of the right of use shall pay all the expenses under the prescribed conditions. Any failure on their part constitutes an obstacle to the performance by AFNOR Certification and by CSTB of the responsibilities of verification and corrective action that are incumbent upon them under these rules.

Should initial formal notice sent by registered letter with acknowledgement of receipt not result, within one month, in the payment of all the sums due, all penalties provided for in the General Rules of the NF mark may be applied for all the products admitted for that holder.

3.8.2 MONITORING

The fees for the annual services pertaining to management, auditing, testing, sampling and the right to use the NF mark will be invoiced during the first half of each year and remain payable if the right to use the NF mark is not renewed, is cancelled or is suspended during the year.

3.8.3 NON-PAYMENT OF AMOUNTS DUE

The applicant or holder of the right to use the NF mark must pay all their fees in accordance with the stipulated terms of payment. Any failure on their part constitutes an obstacle to the performance by CSTB of the responsibilities of verification and corrective action that are incumbent upon it under this certification reference system.

If an initial notification by registered letter with acknowledgement of receipt does not result, within one month, in the payment of all the sums due, all penalties provided for in the General Rules of the NF mark may be applied for all the products accepted for that holder.

3.9 Cancellation by the applicant/holder of an audit or a test

For any audit cancelled by the applicant/holder less than 30 days prior to the date of the audit, CSTB may charge a lump sum by way of damages:

- 25% of the audit invoice if cancelled 1 month prior to the audit;
- 50% of the audit invoice if cancelled from 1 month to 15 days prior to the audit;
- 75% of the audit invoice if cancelled less than 15 days prior to the audit.

If the CSTB travel and accommodation expenses are not subject to a fixed rate, they will also be invoiced if those expenses cannot be fully refunded.

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Applicants/holders do not have to pay this lump sum provided that they can demonstrate that the cancellation directly results from a case of *force majeure* as specified under French Law.

3.10 Prices

Prices are reviewed annually, in the form of a price list drawn up by CSTB. This revision is decided on after consultation with the Specific Committee.

If holders refuse to recognise the annual price review, they will be deemed to have voluntarily terminated the certification contract and the right to use the NF mark for their certified products.

The fees are provided on request by CSTB and will be sent out at the same time as the certification reference system.