

Applicant: Hansgrohe SE
Austraße 59
D-77761 Schiltach
Germany

Sender application: Mr. Fabian Armbruster
Date and reference application: Email dated 16-04-2018
Date of examination: April 2018
Order number: 180401421/001
Appendices: 4

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Date: 20 June 2018

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1 Product

Manufacturer :	Hansgrohe SE	
Type:	Shower Hose	
Model :	Isiflex B	Metaflex C
Article no.:	28 622 xxx	28 161 xxx
	28 626 xxx	26 166 xxx
	28 624 xxx	28 164 xxx

2 Assessment results

The shower hoses for sanitary tapware have been assessed according to the relevant requirements included in the Kiwa evaluation guideline BRL-K668/03: "Shower hoses for sanitary tapware", dated 01-02-2012, which includes the requirements of EN 1113:2011 "Shower hoses for sanitary tapware for water supply systems of type 1 and type 2 – General technical specification".

The shower hoses are identical to the articles already manufactured by Hansgrohe and certified by Kiwa. However, they are presented under different article numbers because they are used in shower sets.

3 Appendices

The following appendices have been enclosed with the report:

- Appendix 1 – Technical drawing shower hoses Isiflex;
- Appendix 2 – Technical drawing shower hoses Metaflex;
- Appendix 3 – Declaration shower hoses Isiflex
- Appendix 4 – Declaration shower hoses Metaflex

4 Conclusion

Based on the assesment results under 2 and documents listed above, the following products are deemed to be in compliance with all applicable requirements of BRL-K668/03:

- Isiflex B 28 622 xxx
- Isiflex B 28 626 xxx
- Isiflex B 28 624 xxx
- Metaflex C 28 161 xxx
- Metaflex C 28 166 xxx
- Metaflex C 28 164 xxx

Based on this technical conformity, the products will be included in certificate K13366/05 and shall be marked with the KIWA (water)mark.



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Appendix 1 – Technical drawing shower hoses Isiflex

L (Inch)	L (mm)	Version
32	800	28278000
		30723718
50	1250	28272000
		30182018
60	1500	28622000
		30922118
63	1600	28247000
		28276000
		30182118
		31182118
		28626000
70	1750	28275002
		30213018
		30923518
80	2000	28274000
		30182218
		30922218
		31182218
		28624000

No.	Name	Pcs.	Material	SAP-No.
Rubber parts with water contact				
1	Inner hose	1	PE ULD	30211018
2	Seal (vers.28247+28272+28274+28275002+28276+28278+28622+28624+28626+30213018+30723718+30923518)	2	EPDM	90331420
	Seal (vers.31182118+31182218)	1	EPDM	90331420
Metal parts with water contact				
3	Nipple fixed	1	Brass	16079361
4	Nipple swiveling	1	Brass	16079161
Multicomponent parts / assemblies with water contact				
5	Seal (with lip seal)	1	PBT (silicone)	19781900

SAP-Material No.: 28276000		Revision
Created by: Heidemarie Fager Date: 30.01.2018 FESBNE1	Description Shower Hose	
hansgrohe	CAD release	
R&D approval Status: CF Protection notice to DIN ISO 16016 Copyright reserved	Checked by: Robert Kraus Date: 05.02.2018 KRASROB	Doc.-type Drawing-No Version PDR 1000090802 A6
CATTI Version 5 R26SP3	Scale: 1:1	3D-Model: - - - Format: A3

Document only for approval issues

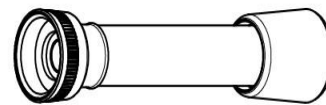
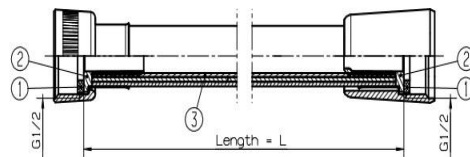
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Appendix 2 – Technical drawing shower hoses Metaflex

L (')	L (mm)	SAP-No.	with seal 90331410	
50	1250	28152000	x	
		28161000		
		28217000		
		28262000		
		30475518		
		65006005		
60	1500	69901286		
		28153000		
		28218000		x
		28263000		
		30509218		
		65007005		
63	1600	69901287		
		28166000		
		28219000		x
		28266000		
		30475618		
		30886118		
70	1750	30962318	x	
		69901457		
		28155000	x	
		28265000		
		30511718		
		69901289		
80	2000	28154000	x	
		28164000		
		28264000		
		30475718		
		30962218		x
		69901291		



No.	Name	Pcs.	Material	SAP - Number
Plastic parts in contact with water				
3	Inner hose	1	PVC	50151570
2	Nipple	2	PA	10644100
Rubber parts in contact with water				
1	Seal	2	EPDM	90331410
SAP-Material No.: 28266000 Revision				
Created by: Arthur Klassen Date: 21.12.2009 KLASSEN		Description Shower Hose Metaflex		
hansgrohe R&D approval		CAD release Status: CF		Doc.-type Drawing-No Version
Protection notice to DIN ISO 16016 Copyright reserved		Checked by: Robert Kraus Date: 08.01.2010 KRAUS		PDR 1000016451 A2
CATIA Version 5 R19SP3		Scale: 1:1	3D-Model: PPR - 1000016448 - A2 EU Format: A3	

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Appendix 3 – Declaration Shower Hoses Isiflex

AXOR

hansgrohe

Hansgrohe SE, Perfect 1142 / 7751 Schiltach

Schiltach, 16.04.2017

Hansgrohe SE
Auestr. 5-9
D-77716 Schiltach

Dear Sirs,

We **Hansgrohe SE** hereby declare that the showerhoses below are exactly identical to each other.

- 28 626 xxx is similar with 28 276 xxx
- 28 622 xxx is similar with 28 272 xxx
- 28 624 xxx is similar with 28 274 xxx

Yours Sincerely

i.A. Fabian Ambruster
International Approvals



Hansgrohe SE
Auestr. 5-9 / 77716 Schiltach
Telefon +49 7833 51 0
Telefax +49 7833 51 1000
Internet: www.hansgrohe.com

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Appendix 4 – Declaration Shower Hoses Metaflex

AXOR

hansgrohe

Hansgrohe SE Postfach 1149 77767 Schiltach

Schiltach, 16.04.2017

Hansgrohe SE
Auestr. 5-9
D-77716 Schiltach


Dear Sirs,

We Hansgrohe SE hereby declare that the showerhoses below are exactly identical to each other.

- 28 164 xxx is similar with 28 264 xxx
- 28 161 xxx is similar with 28 262 xxx
- 28 166 xxx is similar with 28 266 xxx

Yours Sincerely


I.A. Fabian Armbruster
International Approvals


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