

iBVD

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5564419918-00006
Version
7

Skapad
2017-07-10
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2026-02-04



Uppgiftslämnaren reserverar sig för eventuella fel i produktinformationen eller felaktigt registrerade uppgifter och förbehåller sig rätten att korrigera och/eller komplettera produktinformation utan föregående avisering

1 GRUNDDATA

Varubeskrivning

Klämringskoppling för koppar, stålrör, rostfria rör, elförzinkade stålrör, PEX-rör i dimension Dy 6-54.

Övriga upplysningar

Användningsområde:

Tappvatten, Värmeanläggningar, Luft, Oljor, Fotogen, Bensin, Gasol, Naturgas, Kylanläggningar (kylmediet får absolut inte vara aggressivt mot mässing, vid osäkerhet kontakta oss).

Max arbetstryck: 1600 kPa (16 bar)

Max arbetstemperatur: 120°C

Klassificeringar

ETIM >	-EC003024 - Rördel med 2 anslutningar -EC003025 - Rördel med 3 anslutningar -EC003099 - Ventilfeäste -EC010170 - Förminskningsset -EC003023 - Rördel med 1 anslutning
BK04 >	-20503 - Metallrörskopplingar
BSAB >	-PPC.61 - Röranslutningar m m -PPC.64 - Proppningar av rörledning
UNSPSC >	

Leverantörsuppgifter

Företagsnamn

Gustavsberg AB

Organisationsnummer

5564419918

Adress

Odelbergs väg 11

Hemsida

www.gustavsberg.se

Miljökontaktperson**Namn**

Mattias Virsgård

Telefon

0706381313

E-post

mattias.virsgard@gustavsberg.com

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HÅLLBARHETSARBETE

Företagets certifiering

- ISO 9001
- ISO 14001
- ISO45001, ISO 50001

Polycys och riktlinjer

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INNEHÅLLSDEKLARATION

Kemisk produkt	Nej
Innehåller produkten elektronik	Nej
Omfattas varan av RoHS-direktivet	Nej
Varans vikt	0,044 - 1,66 kg

Vara / Delkomponenter

Koncentrationen har beräknats på hela varan

Ingående material /komponenter	Vikt-% i komponent	CAS-nr (alt legering)	EG-nr (alt legering)	Vikt % i produkt	Kommentar
Mässing CW625N* (CuZn35Pb1.5AlAs) Pb ≤1,6%, As ≤0,15%, Ni ≤ 0,2% (*=4MS B,C)		Övrigt, metaller		70 - 90%	4MS-mässing som innehåller >0,1% bly, CAS nr. 7439-92-1 och som finns upptaget på den europeiska kemikaliemyndig hetens (ECHA) kandidatförteckni ng över SVHC- ämnen.

Mässing CW614N* (CuZn39Pb3), Pb ≤ 3,5%, Ni* ≤ 0,2% (*=4MS C)		Övrigt, metaller	10 - 30%	4MS-mässing som innehåller >0,1% bly, CAS nr. 7439-92-1 och som finns upptaget på den europeiska kemikaliemyndig hetens (ECHA) kandidatförteckni ng över SVHC- ämnen.
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Del av materialinnehållet som är deklarerat

100%

Särskilt farliga ämnen

Följande ämnen finns med på kandidatförteckningen i en koncentration och som överstiger 0,1 vikts-%:

Namn	CAS-nr	EG-nr	Vikt % i produkt
Bly	7439-92-1	231-100-4	Inget angivet

Utgåva av kandidatförteckningen som har använts

2026-02-04

Nanomaterial

Innehåller produkten tillsatt nanomaterial, som är medvetet tillsatta för att uppnå en viss funktion?: Nej

Tillsatt högflourerade ämnen (PFAS)

Innehåller produkten tillsatt högflourerade ämnen (PFAS), som är aktivt tillsatta för att uppnå en specifik funktion?: Nej

Begränsningslistan

Innehåller varan/produkten, eller någon av dess delkomponenter, ämnen som gör att produkten inte uppfyller villkoren i Begränsningslistan (Reach Bilaga XVII)?: Ja

Specification av ämnen på begränsningslistan och andel som utgörs av den totala varans vikt:

Ingående material	CAS-nr	Vikt % i produkt
bly	7439-92-1	>0,1%

POPs-förordningen

Innehåller varan (eller någon av dess delkomponenter) ämnen som finns i POPs-förordningen?: Vet ej

Övrigt

Ämnen är redovisade ned till 0,01% viktprocent enligt iBVDs redovisningskrav. Eventuell avvikelse från redovisningskraven redovisas nedan

Kompletterande information

Klämringskopplingarna består av två olika 4 MS mässingslegeringar vars inbördes vikt varierar beroende på kopplingens storlek.

4

RÅVAROR

Återvunnet material

Innehåller varan återvunnet material: Ja

Specifikation av vilka material och andel som utgörs av den totala varans vikt

1. Återvunnet material
2. Andel (%) av totala varans vikt
3. Andel (%) av det återvunna materialet vilket **inte** har passerat konsumentledet
4. Andel (%) av det återvunna materialet vilket har passerat konsumentledet

1	2	3	4
Mässing	100 %	2 %	98 %

Träråvara

Träråvara ingår i varan: Nej

5

MILJÖPÅVERKAN

Finns en miljövarudeklaration framtagen enligt EN15804 eller ISO14025 för varan

Ja

Finns annan miljövarudeklaration

Nej

Om miljövarudeklaration eller annan livscykelanalys saknas, beskriv hur miljöpåverkan av varan beaktas ur ett livscykelperspektiv

Mässing ingår i kretsloppet, närmare 100% kan materialåtervinnas efter demontering. För att sedan smältas ned och bli till ny mässingsråvara för produktion av nya produkter.

6

DISTRIBUTION

Beskrivning av emballagehantering för distribution av varan

Produkterna levereras i plastpåse, större mängd i kartong gjord av wellpapp
Företaget är anslutet till NPA.

7

BYGGSCKEDET

Ställer varan särskilda krav vid lagring?

Nej

Ställer varan särskilda krav på omgivande byggvaror?

Nej

8

BRUKSSKEDET

Finns skötselanvisningar/skötselråd?

Ja

Finns en energimärkning enligt energimärkningsdirektivet (2017/1369/EU)
för varan?

Ej relevant

9

RIVNING

Kräver varan särskilda åtgärder för skydd av hälsa och miljö vid
rivning/demontering?

Nej

10

AVFALLSHANTERING

Omfattas den levererade varan av förordningen (2014:1075) om
producentansvar för elektriska och elektroniska produkter när den blir
avfall?

Nej

Är återanvändning möjlig för hela eller delar av varan?

Ja

Kopplingshus och mutter kan återanvändas med ny klämring
Utgör 85-95% av varans totala vikt.

Men då livslängden är minst 50 år bör produkten återvinnas i de fall produkten suttit uppe länge.

Är materialåtervinning möjlig för hela eller delar av varan?

Ja

Ja mässingen kan materialåtervinnas = 100% av produkten

Är energiåtervinning möjlig för hela eller delar av varan?

Nej

Har leverantören restriktioner och rekommendationer för återanvändning, material- eller energiåtervinning eller deponering? Ja

Mässingen bör materialåtervinnas

När den levererade varan blir avfall, klassas den då som farligt avfall?

Nej

Avfallskod (EWC) för den levererade varan

170401

RSK-nummer	Eget Artikel-nr	GTIN
194 01 05	FG0310100	7393792000017
194 01 13	FG0310200	7393792000024
194 01 21	FG0310300	7393792000031
194 01 39	FG0310400	7393792000048
194 01 47	FG0310500	7393792000055
194 01 54	FG0310800	7393792000062
194 01 62	FG0311100	7393792000079
194 01 70	FG0311500	7393792000086
194 02 12	FG0310302	7393792000123
194 02 38	FG0310402	7393792000130
194 02 53	FG0310403	7393792000147
194 02 79	FG0310502	7393792000154
194 02 81	FG0321837	7393792008075
194 02 83	FG0322138	7393792008099
194 02 87	FG0310503	7393792000161
194 02 90	FG0351837	7393792008068
194 02 95	FG0310504	7393792000178
194 03 03	FG0310605	7393792000215
194 03 37	FG0310805	7393792000222
194 03 38	FG0311105	7393792005920
194 03 52	FG0311800	7393792000093
194 03 60	FG0312100	7393792000109
194 03 78	FG0312400	7393792000116
194 03 86	FG0310603	7393792000192
194 03 94	FG0310604	7393792000208
194 04 10	FG0320232	7393792000376
194 04 12	FG0321536	7393792006545
194 04 14	FG0330536	7393792006286
194 04 15	FG0331536	7393792006538
194 04 18	FG0376758	7393792006491
194 04 19	FG0376759	7393792006514
194 04 21	FG0350536	7393792006194
194 04 22	FG0351536	7393792006415
194 04 23	FG0351137	7393792006224
194 04 24	FG0360534	7393792007962
194 04 26	FG0360536	7393792006200
194 04 44	FG0320334	7393792000383
194 04 51	FG0320434	7393792000390
194 04 69	FG0320534	7393792000406
194 04 93	FG0320335	7393792000420
194 05 01	FG0320435	7393792000437
194 05 19	FG0320535	7393792000444

194 05 27	FG0320835	7393792000468
194 05 28	FG0321135	7393792005944
194 05 35	FG0320635	7393792000451
194 05 43	FG0320536	7393792005937
194 05 68	FG0320836	7393792000475
194 05 76	FG0321136	7393792000482
194 05 77	FG0321137	7393792004770
194 05 84	FG0321537	7393792000499
194 07 09	FG0321838	7393792000505
194 07 17	FG0322139	7393792000512
194 07 25	FG0322440	7393792000529
194 09 07	FG0330334	7393792002325
194 09 15	FG0330434	7393792002332
194 09 23	FG0330534	7393792002349
194 09 56	FG0330335	7393792002363
194 09 64	FG0330435	7393792002370
194 09 72	FG0330535	7393792002387
194 09 80	FG0330835	7393792002394
194 10 20	FG0330836	7393792002400
194 10 38	FG0331136	7393792002417
194 10 46	FG0331537	7393792002424
194 10 61	FG0331135	7393792004688
194 11 03	FG0331838	7393792002431
194 11 11	FG0332139	7393792002448
194 11 29	FG0332440	7393792002455
194 14 18	FG0340200	7393792000604
194 14 26	FG0340300	7393792000611
194 14 34	FG0340400	7393792000628
194 14 42	FG0340500	7393792000635
194 14 59	FG0340800	7393792000642
194 14 67	FG0341100	7393792000659
194 14 75	FG0341500	7393792000666
194 15 58	FG0340403	7393792000703
194 15 74	FG0340504	7393792000710
194 15 82	FG0340605	7393792000727
194 16 40	FG0341800	7393792000673
194 16 57	FG0342100	7393792000680
194 16 65	FG0342400	7393792000697
194 19 13	FG0350232	7393792001458
194 19 47	FG0350334	7393792001465
194 19 54	FG0350434	7393792001472
194 20 10	FG0350435	7393792001496
194 20 28	FG0350535	7393792001502
194 20 36	FG0350835	7393792001519
194 20 77	FG0350836	7393792001526
194 20 85	FG0351136	7393792001533

194 20 93	FG0351537	7393792001540
194 21 01	FG0351838	7393792001557
194 21 19	FG0352139	7393792001564
194 21 27	FG0352440	7393792001571
194 24 16	FG0360434	7393792001625
194 24 73	FG0360435	7393792001649
194 24 81	FG0360535	7393792001656
194 24 99	FG0360835	7393792001663
194 25 23	FG0360836	7393792001670
194 25 31	FG0361136	7393792001687
194 25 49	FG0361537	7393792001694
194 25 72	FG0361838	7393792001700
194 25 80	FG0362139	7393792001717
194 25 98	FG0362440	7393792001724
194 27 70	FG0371800	7393792000888
194 27 88	FG0372100	7393792000895
194 27 96	FG0372400	7393792000901
194 28 04	FG0370100	7393792000802
194 28 12	FG0370200	7393792000819
194 28 20	FG0370300	7393792000826
194 28 38	FG0370400	7393792000833
194 28 46	FG0370500	7393792000840
194 28 53	FG0370800	7393792000857
194 28 61	FG0371100	7393792000864
194 28 79	FG0371500	7393792000871
194 31 25	FG0370405	7393792000970
194 32 16	FG0370550	7393792001021
194 32 24	FG0370551	7393792001052
194 32 40	FG0370504	7393792001038
194 32 65	FG0370511	7393792001076
194 34 71	FG0370805	7393792001120
194 35 47	FG0371153	7393792001168
194 35 54	FG0371151	7393792001212
194 36 04	FG0371104	7393792001151
194 36 12	FG0371105	7393792001175
194 36 53	FG0371511	7393792001243
194 45 03	FG037060509	7393792003926
194 48 67	FG0376654	7393792001816
194 49 41	FG0376753	7393792001823
194 49 66	FG0376754	7393792001830
194 50 54	FG0397052	7393792002547
194 53 93	FG0395056	7393792006392
194 57 32	FG0395103	7393792004046
194 57 40	FG0395104	7393792004053
194 57 57	FG0395105	7393792004060
194 57 65	FG0395108	7393792004077

194 57 73	FG0395111	7393792004084
194 57 81	FG0395115	7393792004091
194 64 74	FG0398050	7393792004824
194 64 75	FG0398052	7393792004817
194 64 76	FG0398053	7393792004800
194 64 82	FG0398051	7393792004831
194 70 13	FG031110009	7393792002837
194 70 14	FG031150009	7393792002844
194 76 72	FG0340503	7393792104975
196 23 49	FG0352138	7391530090740
196 23 50	FG0322439	7391530090818
196 23 51	FG0332439	7391530090757

Produktdatablad

PrestandadeklARATION

Säkerhetsblad

RoHS-intyg

MiljövarudeklARATION EPD_0000670.pdf

Skötselanvisning KOPPLING rak.pdf

Övriga bifogade dokument

Environmental Product Declaration



In accordance with ISO 14025:2006 and EN 15804:2012+A2:2019/AC:2021 for:

Fittings and ball valves

EPD of multiple products, based on the average results of the product group of fittings and ball valves

from

Vatette



Programme:

Programme operator:

EPD registration number:

Publication date:

Valid until:

The International EPD® System, www.environdec.com

EPD International AB

EPD-IES-0017898

2025-05-27

2030-05-27

An EPD should provide current information and may be updated if conditions change. The stated validity is therefore subject to the continued registration and publication at www.environdec.com



General information

Programme information

Programme:	The International EPD® System
Address:	EPD International AB Box 210 60 SE-100 31 Stockholm Sweden
Website:	www.environdec.com
E-mail:	info@environdec.com

Accountabilities for PCR, LCA and independent, third-party verification
Product Category Rules (PCR)
CEN standard EN 15804 serves as the Core Product Category Rules (PCR)
Product Category Rules (PCR): Construction Products 2019:14, Version 1.3.2 and EN 15804:2012+A2:2019 Sustainability of Construction Works
PCR review was conducted by: The Technical Committee on the International EPD® System. Contact via www.environdec.com info@environdec.com
Life Cycle Assessment (LCA)
LCA accountability: Alexander Kyriakidis, AFRY, www.afry.com
Third-party verification
Independent third-party verification of the declaration and data, according to ISO 14025:2006, via: ☒ EPD verification by individual verifier Third-party verifier: Katrin Molina-Besch. Miljögiraff AB Approved by: The International EPD® System Procedure for follow-up of data during EPD validity involves third party verifier: ☐ Yes ☒ No

The EPD owner has the sole ownership, liability, and responsibility for the EPD.

EPDs within the same product category but registered in different EPD programmes, or not compliant with EN 15804, may not be comparable. For two EPDs to be comparable, they must be based on the same PCR (including the same version number) or be based on fully-aligned PCRs or versions of PCRs; cover products with identical functions, technical performances and use (e.g. identical declared/functional units); have equivalent system boundaries and descriptions of data; apply equivalent data quality requirements, methods of data collection, and allocation methods; apply identical cut-off rules and impact assessment methods (including the same version of characterisation factors); have equivalent content declarations; and be valid at the time of comparison. For further information about comparability, see EN 15804 and ISO 14025.

Company information

Owner of the EPD:

Villeroy & Boch Gustavsberg AB
Odelbergs väg 11
134 40 Gustavsberg
Tel: +46 8-570 391 00

Contact:

Mattias Virsgård

Description of the organisation:

Vatette is owned by Villeroy & Boch Gustavsberg, which head office is situated on Värmdö, just outside Stockholm, Sweden, and we have production facilities in Gustavsberg and Vårgårda, Sweden. In addition to our production facilities in Sweden, we also have sales offices around the Nordic countries and in the Baltics. The company is a wholly owned subsidiary of the German Villeroy & Boch AG Group and thus belongs to one of the largest manufacturers of bathroom furnishing solutions in Europe.

Product-related or management system-related certifications:

SS-EN ISO 9001:2015 – Quality Management System
SS-EN ISO 14001:2015 – Environmental Management System
SS-EN ISO 45001:2018 – Occupational Health and Safety Management Systems
SS-EN ISO 50001:2018 – Energy Management System
EMAS, Eco Management and Audit Scheme – register, Site Vårgårda

Name and location of production site(s):

Villeroy & Boch Gustavsberg AB, Vårgårda, Sweden

Product information**Product name:**

Vatette fittings

Product identification: All Vatette's fittings as presented in table under "Other environmental performance indicators "

Product description:

Vatette Clamp ring fittings consists of screw part, clamping ring and nut for copper pipes, stainless and galvanized steel pipes and PEX pipes in the dimension range Dy6-54. All products with Vatette end can be completed with connection sets for different pipe types, e.g. Vatette Plast and Vatette PE that fit Vatette Wall tiles etc. Some fittings exist in a chromed variant and unchromed

The results are presented for an average product. The average product is calculated as an arithmetic mean by assuming an uniform distribution between all included products.

UN CPC code:

41516 - Tubes, pipes and tube or pipe fittings, of copper

Geographical scope:

Northern Europe and the Baltic region

LCA information**Functional unit / declared unit:**

1kg

Reference service life:

No RSL is declared. This EPD is based on a cradle-to-gate assessment

Time representativeness:

The information underlying this EPD is taken from the reference year 2023, taking into account inputs and outputs for the whole calendar year.

Database(s) and LCA software used:

Ecoinvent 3.10, Industry Data 2.0, ELCD and SimaPro 9.6.0.1

Description of system boundaries:

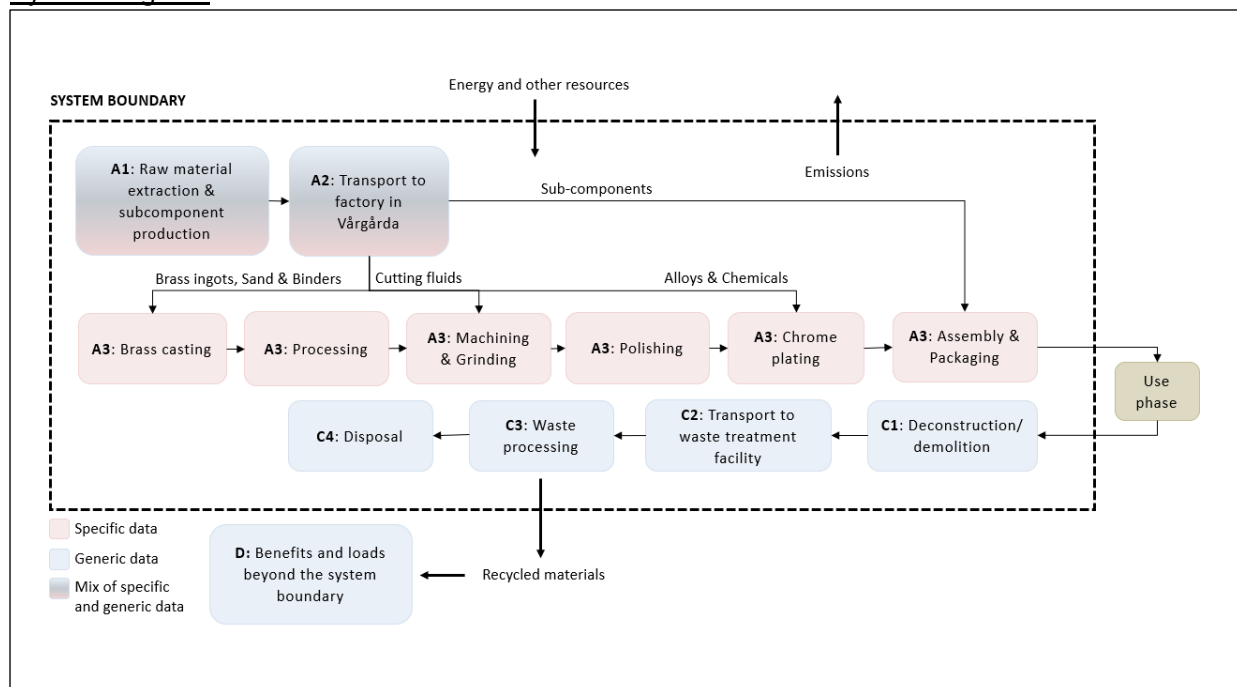
Cradle to gate with modules C1–C4 and module D (A1–A3 + C + D)

Allocation:

The "polluter pays principle" has been used to allocate recycled materials in accordance with the standards used. The recycling of materials does not imply benefits for the system, and the effects of using recycled materials do not have a negative impact on the results, but rather an environmental gain. The allocation procedure applied is based on the cut-off approach, where the environmental burdens associated with recycling processes are attributed to the previous product system, while the recycled material enters the system burden-free.

According to data provided by the supplier, the product system includes 64% post-industrial recycled content and 13% post-consumer recycled content. No co-product allocation is applied.

System diagram:



More information:

Modules declared, geographical scope, share of specific data (in GWP-GHG results) and data variation (in GWP-GHG results):

	Product stage			Construction process stage		Use stage							End of life stage				Resource recovery stage
	Raw material supply	Transport	Manufacturing	Transport	Construction installation	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy use	Operational water use	De-construction demolition	Transport	Waste processing	Disposal	Reuse-Recovery-Recycling-potential
Module	A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Modules declared	X	X	X	ND	ND	ND	ND	ND	ND	ND	ND	ND	X	X	X	X	X
Geography	GLO	GLO	SE										EUR	EUR	EUR	EUR	
Specific data used	36% of the total GWP-GHG impact stems from specific data					-	-	-	-	-	-	-	-	-	-	-	-
Variation – products	+8%					-	-	-	-	-	-	-	-	-	-	-	-

A1: Raw Material

This stage includes raw material extraction and production of bought components. The total input of recycled brass and zinc is 85%. To account for this, the amount of brass and zinc input has been reduced by 25% for 70% of the recycled material, based on supplier communications, and 40% for 30% of the recycled material, based on national recycling profiles where a supplier-specific number could not be found. These values reflect the post-consumer share of recycled material, whereas no action was taken to specifically represent the post-industrial share – it was conservatively assumed to cause the same impact as virgin material extraction. This gives a total input reduction of 25.1%.

A2: Transport

This stage includes transportation of raw materials to production sites and of components to final site of assembly.

A3: Manufacturing

This stage includes resource use in the manufacturing facility in Vångårda such as use of energy. It also includes treatment of waste generated from the manufacturing processes. The manufacturing includes casting, chrome plating, assembling, and packing. Data from the full year of 2023 has been used in the calculations.

The climate impact of the electricity mix is 13.4 gCO₂-eq/kWh.

C1: Deconstruction

No impacts are assumed to be associated with the deconstruction phase.

C2: Waste Transport

Includes the transportation of the discarded product to a waste treatment facility. 100 km transportation is assumed.

C3: Waste Processing

This stage includes sorting of waste and waste incineration with energy recovery. Incineration is assumed for plastics, 95% of the brass is assumed to be recycled, other metals are assumed to have a recycling rate of 90%

C4: Waste disposal

This stage includes waste disposal processes, such as landfill.

D: Benefits and loads outside the system boundary

This stage includes benefits and burdens associated with recovery/recycling that affects future life cycles. For this product it includes benefits from the recycling of brass and metals, as well as energy recovery from waste incineration

Content information

Product components	Weight, g	Post-consumer material, weight-%	Biogenic material, weight-% and kg C/kg
Brass	993	35%	
EPDM	1.1		
PES	0.6		
PA6	4.2		
Stainless steel	0.7		
TOTAL	1000		
Packaging materials	Weight, g	Weight-% (versus the product)	Weight biogenic carbon, kg C/kg
Cardboard	20.7	0.2%	0.011
Plastic bag	4.19	0.4%	
TOTAL			

The weighted average content is calculated as an arithmetic mean by assuming a uniform distribution between all included products.

Dangerous substances from the candidate list of SVHC for Authorisation	EC No.	CAS No.	Weight-% per functional or declared unit
Lead	231-100-4	7439-92-1	0.05 - <0.8*

* Lead free products contain maximum 0.1% lead while products with conventional brass contain <0.8% lead.

Results of the environmental performance indicators

Mandatory impact category indicators according to EN 15804

Results per functional or declared unit							
Indicator	Unit	A1-A3	C1	C2	C3	C4	D
GWP-fossil	kg CO ₂ eq.	9.61E+00	0.00E+00	1.90E-02	1.48E-02	1.15E-03	-4.15E-01
GWP-biogenic	kg CO ₂ eq.	9.35E-02	0.00E+00	1.32E-05	2.64E-05	9.19E-07	-2.11E-03
GWP-luluc	kg CO ₂ eq.	3.16E-02	0.00E+00	6.31E-06	2.30E-06	5.02E-07	-8.56E-04
GWP-total	kg CO ₂ eq.	9.74E+00	0.00E+00	1.90E-02	1.49E-02	1.15E-03	-4.18E-01
ODP	kg CFC 11 eq.	1.15E-07	0.00E+00	3.78E-10	2.01E-11	2.43E-11	-3.97E-09
AP	mol H ⁺ eq.	6.24E-01	0.00E+00	3.96E-05	8.29E-06	6.63E-06	-2.91E-02
EP-freshwater	kg P eq.	4.96E-02	0.00E+00	1.29E-06	7.31E-07	1.28E-07	-2.32E-03
EP-marine	kg N eq.	3.34E-02	0.00E+00	9.51E-06	2.48E-06	2.93E-06	-1.54E-03
EP-terrestrial	mol N eq.	4.53E-01	0.00E+00	1.03E-04	2.53E-05	2.80E-05	-2.11E-02
POCP	kg NMVOC eq.	1.29E-01	0.00E+00	6.58E-05	7.06E-06	9.53E-06	-5.93E-03
ADP-minerals&metals*	kg Sb eq.	8.59E-03	0.00E+00	6.18E-08	1.10E-08	3.20E-09	-4.04E-04
ADP-fossil*	MJ	1.02E+02	0.00E+00	2.22E-02	1.29E-02	2.34E-03	-2.95E+00
WDP*	m ³	1.14E+01	0.00E+00	1.11E-03	6.68E-04	5.11E-04	-4.86E-01
Acronyms	GWP-fossil = Global Warming Potential fossil fuels; GWP-biogenic = Global Warming Potential biogenic; GWP-luluc = Global Warming Potential land use and land use change; ODP = Depletion potential of the stratospheric ozone layer; AP = Acidification potential, Accumulated Exceedance; EP-freshwater = Eutrophication potential, fraction of nutrients reaching freshwater end compartment; EP-marine = Eutrophication potential, fraction of nutrients reaching marine end compartment; EP-terrestrial = Eutrophication potential, Accumulated Exceedance; POCP = Formation potential of tropospheric ozone; ADP-minerals&metals = Abiotic depletion potential for non-fossil resources; ADP-fossil = Abiotic depletion for fossil resources potential; WDP = Water (user) deprivation potential, deprivation-weighted water consumption						

* Disclaimer: The results of this environmental impact indicator shall be used with care as the uncertainties of these results are high or as there is limited experience with the indicator.

Additional mandatory and voluntary impact category indicators

Results per functional or declared unit							
Indicator	Unit	A1-A3	C1	C2	C3	C4	D
GWP-GHG ¹	kg CO ₂ eq.	9.65E+00	0.00E+00	1.90E-02	1.48E-02	1.15E-03	-4.16E-01

Resource use indicators

Results per functional or declared unit							
Indicator	Unit	A1-A3	C1	C2	C3	C4	D
PERE	MJ	1.14E+01	0.00E+00	4.59E-03	4.73E-03	3.59E-04	-1.49E+00
PERM	MJ	3.50E-01	0.00E+00	0.00E+00	-3.50E-01	0.00E+00	0.00E+00
PERT	MJ	1.18E+01	0.00E+00	4.59E-03	-3.45E-01	3.59E-04	-1.49E+00
PENRE	MJ	4.86E+01	0.00E+00	2.32E-02	1.33E-02	2.45E-03	-3.08E+00
PENRM	MJ	1.93E-01	0.00E+00	0.00E+00	-1.93E-01	0.00E+00	0.00E+00
PENRT	MJ	4.88E+01	0.00E+00	2.32E-02	-1.79E-01	2.45E-03	-3.08E+00
SM	kg	2.49E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
RSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NRSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	m ³	6.14E-02	0.00E+00	3.95E-05	5.30E-06	3.58E-05	-1.56E-02
Acronyms	PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non-renewable primary energy excluding non-renewable primary energy resources used as raw materials; PENRM = Use of non-renewable primary energy resources used as raw materials; PENRT = Total use of non-renewable primary energy re-sources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non-renewable secondary fuels; FW = Use of net fresh water						

¹ This indicator accounts for all greenhouse gases except biogenic carbon dioxide uptake and emissions and biogenic carbon stored in the product. As such, the indicator is identical to GWP-total except that the CF for biogenic CO₂ is set to zero.

Waste indicators

Results per functional or declared unit							
Indicator	Unit	A1-A3	C1	C2	C3	C4	D
Hazardous waste disposed	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Non-hazardous waste disposed	kg	9.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Radioactive waste disposed	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Output flow indicators

Results per functional or declared unit							
Indicator	Unit	A1-A3	C1	C2	C3	C4	D
Components for re-use	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Material for recycling	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Materials for energy recovery	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Exported energy, electricity	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Exported energy, thermal	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Other environmental performance indicators

Indicator	Variation (A-C)
Climate change	8%
Climate change - Fossil	8%
Climate change - Biogenic	39%
Climate change - Land use and LU change	46%
Ozone depletion	115%
Acidification	6%
Eutrophication, freshwater	6%
Eutrophication, marine	5%
Eutrophication, terrestrial	5%
Photochemical ozone formation	5%
Resource use, minerals and metals	6%
Resource use, fossils	39%
Water use	13%
Particulate matter	6%
Ionising radiation	73%
Ecotoxicity, freshwater	6%
Human toxicity, cancer	6%
Human toxicity, non-cancer	6%
Land use	6%
Non renewable	38%
Renewable	20%
Fresh water	6%

Additional environmental information

With over 50 years of experience and a complete product range, System Vatette is a long-term supplier of tap water systems with a strong focus on the environment and sustainability. The obvious choice for HVAC-installers. By using common components, the number of articles is reduced, and tap water systems can easily be updated over time, contributing to a more resource-efficient and environmentally friendly installation.

All products are approved according to Säker Vatten and Rise, which underlines our commitment to the highest quality and safety.

Quality and environmental awareness are central to the entire organization, from material selection to production. Every employee is proud and committed, aware of their crucial role in creating sustainable and environmentally friendly tap water system solutions.

References

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Produktegenskaper

Dy6 x Dy6 (förminskning), för koppar-, rostfria-, elförzinkade- och PEX-rör

RSK-nr: 1940105 | ART-nr: FG0310100 | EAN-nr: 7393792000017

- För kopparrör, rostfria- och elförzinkade stålrör och PEX-rör
- Samtliga produkter med Vatette-ända kan kompletteras med kopplingsset för olika rörtyper
- Kopplingarna är försmorda

Produktinformation

Egenskaper

- Vatette Klämringskoppling består av skruvdel, klämring och mutterFör kopparrör, rostfria- och elförzinkade stålrör och PEX-rör
- Kopplingarna är försmorda och kräver normalt ingen ytterligare smörjning
- Lättrade rörgångor på raka kopplingar med planända (typ 1136)
- Samtliga produkter med Vatette-ända kan kompletteras med kopplingsset för olika rörtyper
- Vattenberörda delar samt muttrar (märkta med CR) är av typgodkänd avzinkningshårdig mässing