THE INTERNATIONAL EPD® SYSTEM

Environmental Product Declaration

In accordance with ISO 14025 and EN 15804:2012+A2:2019 for:

Stainless Steel Press Fittings M-Profile, a-collection

from

Ahlsell AB

Programme	EPD International AB
Programme operator	The International EPD® System
EPD registration number	EPD IES 0010997 (S P 10997)
Publication date	2023 12 04
Revision date	2024 10 31
Valid until	2028 12 03

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
This EPD covers multiple products and is based on the results of the representative product.

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)	Construction products (EN 15804:A2) PCR 2019:14 Construction products (EN 15804:A2) (1.3.4)
Life Cycle Assessment (LCA)	Carbonzero AB
Third-party verification:	Independent third-party verification of the declaration and data, according to ISO 14025:2006: ☑ EPD process certification Vladimír Kocí, LCA Studio  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.

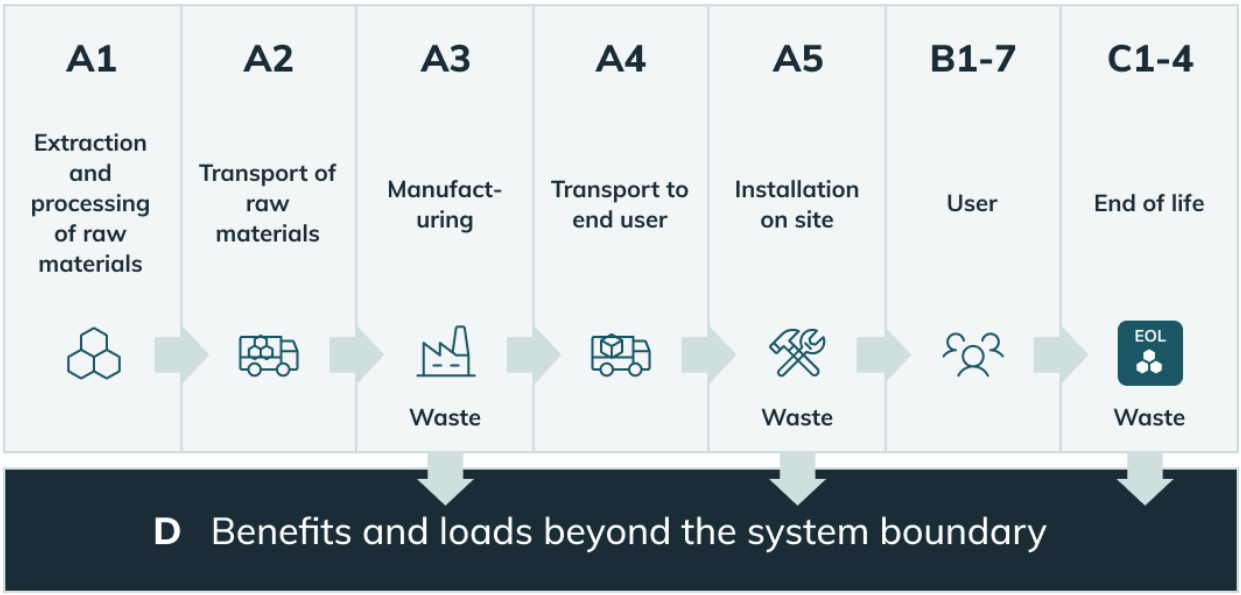
EPDs within the same product category but registered in different EPD programmes, or not compliant with EN 15804, may not be comparable. For two EPDs to be comparable, they must be based on the same PCR (including the same version number) or be based on fully-aligned PCRs or versions of PCRs; cover products 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	Ahlsell AB
Contact	Andrea Wästlund
Description of the organisation	Ahlsell AB is present where people reside, work, and live their lives. Ahlsell AB is currently the Nordic region's leading community-building distributor of installation products, tools, and supplies for installation, construction, real estate management, industrial and power companies, and the public sector. With around 7,500 employees, 300 stores, ecommerce, and four central warehouses, we are working daily to achieve our vision of building a more sustainable society.
Product-related or management system-related certifications:	ISO 9001 & ISO 14001
Name and location of production site(s):	**Name of plant:** Hallsberg **Location:** Sweden

Product information	
Product name(s)	A-PRESS-MALE THREAD
Product description:	Press couplings in stainless steel 316L, especially intended for tap water systems. 15108 mm type approved for tap water installations. The dimensions 15-54 mm are delivered with a pressure indicator. Our stainless press system is also suitable for heating, cooling, and compressed air systems in civil and industrial areas.
RSL	50 years
UN CPC code	41292 - Tube or pipe fittings

LCA information	
Functional unit / declared unit	1 kg of Stainless Steel Press Fittings M-Profile
Time representative-ness	Data obtained refers to the year 2022
System Boundary	The system boundaries are set to be "cradle-to-gate" with modules A4, C1-C4, and D for end-of-life.
Database(s) and LCA software used	Eando X version 1.01

System diagram



A1	Raw material supply	This module considers the extraction and processing of all raw materials, energy, and transportation which occur upstream to the studied manufacturing process, including packaging material.
A2	Transport to the manufacturer	The raw materials are transported to the manufacturing site.
A3	Manufacturing*	This module includes all resources used to produce and waste produced. This also includes additives and packaging material.
A4	Transport	Transportation from the manufacturing site to distribution centre and then from the distribution centre to the building site is included.
	Transport Scenario	truck: 350km
A5	Construction installation	This stage is not declared, except for the GWP-biogenic arising from packaging that leaves the system boundary, which is balanced in this module.
B1-B7	Use stage	This stage is not declared.
C1	Deconstruction/Demolition	This stage includes the de-construction and/or demolition of the building. This is not relevant as the product included in this study is not used in the construction process.
C2	Transport	This stage represents the transport distance to the waste processing facility.
C3	Waste processing	This stage includes any waste treatment needed.
	EOL Scenario	Landfill 9.9%. Incineration 0.44%. Recycling 89.65%.
C4	Final disposal	This includes any material that is landfilled.
D	Benefits	Emission credits obtained from energy recovery and/or recycling materials

** If purchased electricity used in the manufacturing process of module A3 accounts for more than 30% of the GWP-GHG results of modules A1-A3, the EPD shall declare the energy source behind the purchased electricity and its climate impact as kg CO2 eq./kWh. This information can be found in the end of the EPD.*

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

	Product stage			Assembly stage		Use stage							End of life stage				Benefits & loads beoyond system boundary
	Raw Materials	Transport	Manufacturing	Transport	Assembly	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy use	Operational water use	De-construction demolition	Transport	Waste processing	Disposal	Reuse-Recovery - Recycling-potential
	A1	A2	A3	A4	A5*	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Declared	X	X	X	X	ND	ND	ND	ND	ND	ND	ND	ND	X	X	X	X	X
Geography	IT	EU	SE	EU	-	-	-	-	-	-	-	-	EU	EU	EU	EU	EU
Specific data used	> 90 %			-	-	-	-	-	-	-	-	-	-	-	-	-	-
Variation-Products	< 10 %			-	-	-	-	-	-	-	-	-	-	-	-	-	-
Variation-Sites	0 %			-	-	-	-	-	-	-	-	-	-	-	-	-	-

ND – Not Declared; X – Declared
Reading example: 9,0E-03 = 9,0*10^3 = 0,009
* Module A5 is only partially declared, GWP biogenic arising due to packaging material in A1-A3 stages are balanced in A5 where it exits the product system boundary.

Content Information

Product Components	Weight, kg	Post-consumer material, weight-%	Biogenic material, weight-% and kg C/kg
Metal	0.990	0.000	0.000
Rubber	0.010	0.000	0.000
Total	1.000	0.000	0.000

Packaging Materials	Weight, kg	Weight-% (versus the product)	Weight biogenic carbon, kg C/kg
Corrugated board	0.058	5.800	0.026
Total	0.058	5.800	0.026

Dangerous substances from the candidate list of SVHC for Authorisation	EC No.	CAS No.	Weight-% per functional or declared unit
-	-	-	0.000

At the date of issue of this declaration, there is no “Substance of Very High Concern” (SVHC) in concentration above 0.1% by weight, and neither does the packaging, following the European REACH regulation (Registration, Evaluation, Authorization and Restriction of Chemicals)

Environmental Information

Potential environmental impact – indicators according to EN 15804+A2

Results per functional unit: 1 kg									
Indicator	Unit	A1 - A3	A4	A5	C1	C2	C3	C4	D
GWP-total	kg CO2 eq	4.06e+0	7.05e-3	2.31e-3	0.00e+0	3.60e-3	5.15e-2	1.85e-2	-2.60e+0
GWP-fossil	kg CO2 eq	4.06e+0	6.92e-3	ND	0.00e+0	3.53e-3	5.15e-2	1.85e-2	-2.60e+0
GWP-biogenic	kg CO2 eq	-9.09e-4	1.67e-5	2.31e-3	0.00e+0	8.52e-6	-1.25e-4	0.00e+0	1.25e-4
GWP-luluc	kg CO2 eq	2.39e-3	1.18e-4	ND	0.00e+0	6.00e-5	1.32e-4	4.72e-6	-1.26e-3
ODP	kg CFC-11 eq	9.23e-11	1.03e-15	ND	0.00e+0	5.24e-16	7.03e-10	8.29e-15	-1.43e-11
AP	mole H+ eq	2.99e-2	4.43e-5	ND	0.00e+0	2.26e-5	3.53e-4	1.62e-5	-1.93e-2
EP-freshwater*	kg P eq	8.41e-6	2.98e-8	ND	0.00e+0	1.52e-8	1.08e-5	4.34e-9	-4.46e-6
EP-marine	kg N eq	3.14e-3	2.17e-5	ND	0.00e+0	1.11e-5	1.26e-4	4.02e-6	-1.90e-3
EP-terrestrial	mole N eq	3.48e-2	2.40e-4	ND	0.00e+0	1.22e-4	1.22e-3	4.74e-5	-2.11e-2
POCP	kg NMVOC eq	9.62e-3	4.29e-5	ND	0.00e+0	2.19e-5	3.82e-4	1.25e-5	-5.95e-3
ADP-minerals & metals**	kg Sb eq	1.67e-4	6.08e-10	ND	0.00e+0	3.10e-10	4.55e-7	1.33e-10	-1.10e-4
ADP-fossil**	MJ	5.24e+1	9.17e-2	ND	0.00e+0	4.68e-2	6.84e-1	7.09e-2	-3.29e+1
WDP**	m3	7.40e-1	1.08e-4	ND	0.00e+0	5.52e-5	8.45e-3	1.21e-3	-4.82e-1
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								

** The results in kg PO4 eq. can be obtained by multiplying the results in kg P eq. by a factor of 3,07.*

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

Use of resources

Results per functional unit: 1 kg									
Indicator	Unit	A1 - A3	A4	A5	C1	C2	C3	C4	D
PERE	MJ	1.05e+1	7.92e-3	ND	0.00e+0	4.04e-3	3.07e-2	6.64e-3	-8.44e+0
PERM	MJ	9.86e-1	0.00e+0	ND	0.00e+0	0.00e+0	0.00e+0	0.00e+0	0.00e+0
PERT	MJ	1.15e+1	7.92e-3	ND	0.00e+0	4.04e-3	3.07e-2	6.64e-3	-8.44e+0
PENRE	MJ	1.37e+0	0.00e+0	ND	0.00e+0	0.00e+0	0.00e+0	7.09e-2	2.61e-1
PENRM	MJ	4.03e-1	0.00e+0	ND	0.00e+0	0.00e+0	-2.22e-1	-1.81e-1	0.00e+0
PENRT	MJ	1.77e+0	0.00e+0	ND	0.00e+0	0.00e+0	-2.22e-1	-1.10e-1	2.61e-1
SM	kg	7.56e-1	0.00e+0	ND	0.00e+0	0.00e+0	0.00e+0	0.00e+0	1.04e+0
RSF	MJ	0.00e+0	0.00e+0	ND	0.00e+0	0.00e+0	0.00e+0	0.00e+0	0.00e+0
NRSF	MJ	0.00e+0	0.00e+0	ND	0.00e+0	0.00e+0	0.00e+0	0.00e+0	0.00e+0
FW	m3	1.69e-2	8.86e-6	ND	0.00e+0	4.52e-6	1.97e-4	3.07e-5	-1.35e-2
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								

Additional voluntary indicators

Results per functional unit: 1 kg									
Indicator	Unit	A1 - A3	A4	A5	C1	C2	C3	C4	D
GWP-GHG	kg CO2 eq	4.03e+0	6.55e-6	ND	0.00e+0	3.34e-6	6.72e-2	1.83e-2	-2.59e+0
EP	kg PO4 eq	9.10e-4	7.41e-9	ND	0.00e+0	3.78e-9	1.96e-4	1.50e-6	-7.37e-4
Acronyms	GWP-GHG global warming potential - greenhouse gases; EP eutrophication potential								

The GWP-GHG indicator is identical to GWP-total except that the characterisation factor (CF) for biogenic CO2 is set to zero. This means that the uptake and emissions of biogenic CO2 are "balanced out" already in modules A1-A3, instead of in modules A1-A5 (for packaging) or modules A-C (for product). In the context of Norwegian public procurement legislation, GWP-GHG is also referred to as GWP-IOBC.

Waste and output flows

Results per functional unit: 1 kg									
Indicator	Unit	A1 - A3	A4	A5	C1	C2	C3	C4	D
HWD	kg	4.15e-10	3.52e-12	ND	0.00e+0	1.80e-12	0.00e+0	5.75e-12	-1.55e-10
NHWD	kg	4.40e-1	1.50e-5	ND	0.00e+0	7.64e-6	8.97e-1	2.03e-1	-3.56e-1
RWD	kg	9.50e-4	1.68e-7	ND	0.00e+0	8.56e-8	0.00e+0	9.04e-7	-7.67e-4
Acronyms	HW Hazardous waste disposed; NHW Non-hazardous waste disposed; RW Radioactive waste disposed								

Output flows

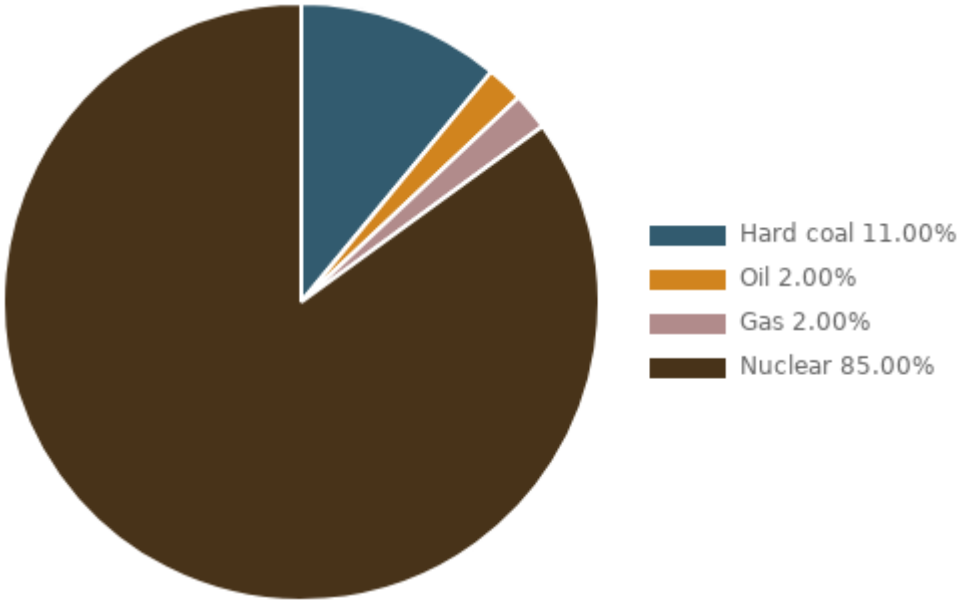
Results per functional unit: 1 kg									
Indicator	Unit	A1 - A3	A4	A5	C1	C2	C3	C4	D
CRU	kg	0.00e+0	0.00e+0	0.00e+0	0.00e+0	0.00e+0	0.00e+0	0.00e+0	0.00e+0
MFR	kg	0.00e+0	0.00e+0	0.00e+0	0.00e+0	0.00e+0	8.97e-1	0.00e+0	0.00e+0
MER	kg	0.00e+0	0.00e+0	5.80e-2	0.00e+0	0.00e+0	4.42e-3	0.00e+0	0.00e+0
EEE	MJ	0.00e+0	0.00e+0	0.00e+0	0.00e+0	0.00e+0	0.00e+0	0.00e+0	0.00e+0
EET	MJ	0.00e+0	0.00e+0	0.00e+0	0.00e+0	0.00e+0	0.00e+0	0.00e+0	0.00e+0
Acronyms	CRU Components for reuse; MFR Materials for recycling; MER Materials for energy recovery; EEE Exported electric energy; ETE Exported thermal energy								

Energy Breakdown

Electricity used in the manufacturing

Name	Data source	GWP excl. biogenic [kg CO2-eq/kWh]
Electricity Residual Mix - Sweden (2023)	AIB (2023)	1,17E-2

Breakdown of electricity usage



Product Table

Name	Weight, kg	Unit
A-PRESS-FEMALE THREAD	0.400	pc
ADAPTOR WITH FEMALE THREAD	0.373	pc
A-PRESS-FEMALE THREAD	0.296	pc
ADAPTOR WITH FEMALE THREAD	0.294	pc
ADAPTOR WITH FEMALE THREAD	0.251	pc
A-PRESS-FEMALE THREAD	0.203	pc
ADAPTOR WITH FEMALE THREAD	0.205	pc
ADAPTOR WITH FEMALE THREAD	0.150	pc
A-PRESS-FEMALE THREAD	0.123	pc
ADAPTOR WITH FEMALE THREAD	0.122	pc
A-PRESS-FEMALE THREAD	0.112	pc
A-PRESS-FEMALE THREAD	0.088	pc
A-PRESS-FEMALE THREAD	0.088	pc
ADAPTOR WITH FEMALE THREAD	0.091	pc
A-PRESS-FEMALE THREAD	0.084	pc
A-PRESS-FEMALE THREAD	0.060	pc
A-PRESS-FEMALE THREAD	0.060	pc
ADAPTOR WITH FEMALE THREAD	0.054	pc
ADAPTOR WITH FEMALE THREAD	0.052	pc
A-PRESS	0.253	pc
A-PRESS	0.150	pc
M-PROF. STAINL 316L	0.068	pc
A-PRESS	0.056	pc
BRIDGE LONG	0.059	pc
BRIDGE LONG	0.350	pc
BRIDGE LONG	0.202	pc
BRIDGE LONG	0.076	pc
BRIDGE LONG	2.516	pc
BRIDGE LONG	1.954	pc
BRIDGE LONG	1.580	pc

Name	Weight, kg	Unit
ST. 316L. A-PRESS	0.884	pc
ST. 316L. A-PRESS	0.542	pc
ST. 316L. A-PRESS	0.378	pc
ST. 316L. A-PRESS	0.178	pc
BEND 15° WITH PLAIN ENDS	0.134	pc
BEND 15° WITH PLAIN ENDS	0.074	pc
BEND 15° WITH PLAIN ENDS	0.060	pc
BEND 30° WITH PLAIN ENDS	2.622	pc
BEND 30° WITH PLAIN ENDS	2.110	pc
BEND 30° WITH PLAIN ENDS	1.350	pc
M-PROF. STAINL 316L	0.912	pc
BEND 30° WITH PLAIN ENDS	0.558	pc
BEND 30° WITH PLAIN ENDS	0.376	pc
BEND 30° WITH PLAIN ENDS	0.258	pc
BEND 30° WITH PLAIN ENDS	0.134	pc
BEND 30° WITH PLAIN ENDS	0.074	pc
BEND 30° WITH PLAIN ENDS	0.057	pc
BEND 45° WITH PLAIN ENDS	2.988	pc
BEND 45° WITH PLAIN ENDS	2.078	pc
BEND 45° WITH PLAIN ENDS	1.618	pc
BEND 45° WITH PLAIN ENDS	0.562	pc
BEND 45° WITH PLAIN ENDS	0.375	pc
BEND 45° WITH PLAIN ENDS	0.160	pc
BEND 45° WITH PLAIN ENDS	0.132	pc
BEND 45° WITH PLAIN ENDS	0.073	pc
BEND 45° WITH PLAIN ENDS	0.062	pc
BEND 60° WITH PLAIN ENDS	2.844	pc
BEND 60° WITH PLAIN ENDS	1.970	pc
BEND 60° WITH PLAIN ENDS	1.476	pc
BEND 60° WITH PLAIN ENDS	0.562	pc

Product Table

Name	Weight, kg	Unit
STRAIGHT COUPLING	0.024	pc
TRANSITION JOINT GROOVED FITT	1.393	pc
TRANSITION JOINT GROOVED FITT	0.397	pc
TRANSITION JOINT GROOVED FITT	0.298	pc
TRANSITION JOINT GROOVED FITT	0.239	pc
TRANSITION JOINT GROOVED FITT	1.230	pc
TRANSITION JOINT GROOVED FITT	0.986	pc
TRANSITION JOINT GROOVED FITT	0.171	pc
ADAPTOR MALE THR.PLAIN END	0.419	pc
ADAPTOR MALE THR.PLAIN END	0.233	pc
ADAPTOR MALE THR.PLAIN END	0.195	pc
ADAPTOR MALE THR.PLAIN END	0.124	pc
ADAPTOR MALE THR.PLAIN END	0.078	pc
ADAPTOR MALE THR.PLAIN END	0.063	pc
ADAPTOR MALE THR.PLAIN END	0.060	pc
ADAPTOR FEMALE THR.PLAIN END	0.453	pc
ADAPTOR FEMALE THR.PLAIN END	0.335	pc
ADAPTOR FEMALE THR.PLAIN END	0.242	pc
ADAPTOR FEMALE THR.PLAIN END	0.147	pc
ADAPTOR FEMALE THR.PLAIN END	0.137	pc
ADAPTOR FEMALE THR.PLAIN END	0.135	pc
ADAPTOR FEMALE THR.PLAIN END	0.115	pc
ADAPTOR FEMALE THR.PLAIN END	0.090	pc
ADAPTOR FEMALE THR.PLAIN END	0.083	pc
BEND ADAPTOR 45° W. MALE THR	0.103	pc
BEND ADAPT 90° W. MALE THR	0.411	pc
BEND ADAPTOR 45° W. MALE THR	0.075	pc
BEND ADAPTOR 45° W. MALE THR	0.070	pc
BEND ADAPTOR 90° W. MALE THR	0.716	pc
BEND ADAPT 90° W. MALE THR	0.302	pc

Name	Weight, kg	Unit
BEND ADAPT 90° W. MALE THR	0.205	pc
BEND ADAPT 90° W. MALE THR	0.127	pc
BEND ADAPT 90° W. MALE THR	0.086	pc
BEND ADAPT 90° W. MALE THR	0.078	pc
BEND ADAPT 90° W. FEM THR	0.312	pc
BEND ADAPT 90° W. FEM THR	0.198	pc
BEND ADAPT 90° W. FEM THR	0.136	pc
BEND ADAPT 90° W. FEM THREAD	0.086	pc
BEND ADAPT 90° W. FEM THREAD	0.084	pc
ADAPTOR WITH MALE THREAD	1.272	pc
M-PROF. STAINL 316L	0.889	pc
ADAPTOR WITH MALE THREAD	0.302	pc
A-PRESS-MALE THREAD	0.405	pc
A-PRESS-MALE THREAD	0.224	pc
ADAPTOR WITH MALE THREAD	0.223	pc
ADAPTOR WITH MALE THREAD	0.241	pc
A-PRESS-MALE THREAD	0.190	pc
ADAPTOR WITH MALE THREAD	0.196	pc
A-PRESS-MALE THREAD	0.130	pc
ADAPTOR WITH MALE THREAD	0.130	pc
A-PRESS-MALE THREAD	0.102	pc
ADAPTOR WITH MALE THREAD	0.075	pc
A-PRESS-MALE THREAD	0.072	pc
A-PRESS-MALE THREAD	0.079	pc
A-PRESS-MALE THREAD	0.076	pc
A-PRESS-MALE THREAD	0.059	pc
A-PRESS-MALE THREAD	0.058	pc
ADAPTOR WITH MALE THREAD	0.061	pc
ADAPTOR WITH MALE THREAD	0.050	pc
ADAPTOR WITH MALE THREAD	0.045	pc

Product Table

Name	Weight, kg	Unit
BEND 60° WITH PLAIN ENDS	0.884	pc
BEND 60° WITH PLAIN ENDS	0.406	pc
BEND 60° WITH PLAIN ENDS	0.178	pc
BEND 60° WITH PLAIN ENDS	0.130	pc
BEND 60° WITH PLAIN ENDS	0.070	pc
BEND 60° WITH PLAIN ENDS	0.060	pc
BEND 75° WITH PLAIN ENDS	3.360	pc
BEND 75° WITH PLAIN ENDS	2.130	pc
BEND 75° WITH PLAIN ENDS	1.556	pc
BEND 75° WITH PLAIN ENDS	0.893	pc
BEND 75° WITH PLAIN ENDS	0.556	pc
BEND 75° WITH PLAIN ENDS	0.378	pc
BEND 75° WITH PLAIN ENDS	0.186	pc
BEND 75° WITH PLAIN ENDS	0.130	pc
BEND 75° WITH PLAIN ENDS	0.070	pc
BEND 75° WITH PLAIN ENDS	0.058	pc
ST. 316L. A-PRESS	3.200	pc
ST. 316L. A-PRESS	2.022	pc
ST. 316L. A-PRESS	1.668	pc
ST. 316L. A-PRESS	0.908	pc
ST. 316L. A-PRESS	0.568	pc
ST. 316L. A-PRESS	0.362	pc
ST. 316L. A-PRESS	0.204	pc
ST. 316L. A-PRESS	0.128	pc
ST. 316L. A-PRESS	0.072	pc
ST. 316L. A-PRESS	0.054	pc
BEND 90° WITH PLAIN ENDS	0.068	pc
ADAPT.UN.ST.MALE.THR.NUT FL. S	1.006	pc
ADAPT.UN.ST.MALE.THR.NUT FL. S	0.608	pc
ADAPT.UN.ST.MALE.THR.NUT FL. S	0.538	pc

Name	Weight, kg	Unit
ADAPT.UN.ST.MALE.THR.NUT FL. S	0.389	pc
ADAPT.UN.ST.MALE.THR.NUT FL. S	0.289	pc
ADAPT.UN.ST.MALE.THR.NUT FL. S	0.229	pc
ADAPT.UN.ST.MALE.THR.NUT FL. S	0.249	pc
ADAPT.UN.ST.MALE.THR.NUT FL. S	0.174	pc
ADAPT.UN.ST.MALE.THR.NUT FL. S	0.149	pc
ADAPT.UN.ST.MALE.THR.NUT FL. S	0.190	pc
ADAPT.UN.ST.MALE.THR.NUT FL. S	0.165	pc
ST. 316L. A-PRESS	0.763	pc
ST. 316L. A-PRESS	0.432	pc
ST. 316L. A-PRESS	0.355	pc
ST. 316L. A-PRESS	0.288	pc
ST. 316L. A-PRESS	0.219	pc
ST. 316L. A-PRESS	0.196	pc
ST. 316L. A-PRESS	0.159	pc
ST. 316L. A-PRESS	0.115	pc
ST. 316L. A-PRESS	0.074	pc
ST. 316L. A-PRESS	0.136	pc
ST. 316L. A-PRESS	0.105	pc
ADAPT.UN.ST.FEM.THR.NUT FL. S	1.031	pc
ADAPT.UN.ST.FEM.THR.NUT FL. S	0.482	pc
ADAPT.UN.ST.FEM.THR.NUT FL.S	0.460	pc
ADAPT.UN.ST.FEM.THR.NUT FL.S	0.399	pc
ADAPT.UN.ST.FEM.THR.NUT FL.S	0.279	pc
ADAPT.UN.ST.FEM.THR.NUT FL.S	0.229	pc
ADAPT.UN.ST.FEM.THR.NUT FL.S	0.205	pc
ADAPT.UN.ST.FEM.THR.NUT FL. S	0.220	pc
ADAPT.UN.ST.FEM.THR.NUT FL.S	0.149	pc
ADAPT.UN.ST.FEM.THR.NUT FL. S	0.160	pc
ADAPT.UN.FEM.THR.NUT EPDM FL.S	0.783	pc

Product Table

Name	Weight, kg	Unit
ADAPT.UN.FEM.THR.NUT EPDM FL.S	0.392	pc
ADAPT.UN.FEM.THR.NUT EPDM FL.S	0.335	pc
ADAPT.UN.FEM.THR.NUT EPDM FL.S	0.159	pc
ADAPT.UN.FEM.THR.NUT EPDM FL.S	0.209	pc
ADAPT.UN.FEM.THR.NUT EPDM FL.S	0.308	pc
ADAPT.UN.FEM.THR.NUT EPDM FL.S	0.146	pc
ADAPT.UN.FEM.THR.NUT EPDM FL.S	0.087	pc
ADAPT.UN.FEM.THR.NUT EPDM FL.S	0.161	pc
ADAPT.UN.FEM.THR.NUT EPDM FL.S	0.105	pc
ADAPT UN. NUT IN BRASS/STAIN	0.416	pc
ADAPT UN. NUT IN BRASS/STAIN	0.283	pc
ADAPT UN. NUT IN BRASS/STAIN	0.273	pc
ADAPT UN. NUT IN BRASS/STAIN	0.307	pc
ADAPT UN. NUT IN BRASS/STAIN	0.164	pc
ADAPT UN. NUT IN BRASS/STAIN	0.114	pc
ST. 316L. A-PRESS	0.069	pc
ADAPT UN. NUT IN BRASS/STAIN	0.089	pc
ST. 316L. A-PRESS	0.099	pc
ADAPT W. UN. NUT FEM. FL SEAL	0.157	pc
ADAPT W. UN. NUT FEM. FL SEAL	0.094	pc
ADAPT W. UN. NUT FEM. FL SEAL	0.075	pc
ADAPT W. UN. NUT FEM. FL SEAL	0.016	pc

Additional information

Additional Environmental Information

See the PCR and sections 5.4, 7.3 and 7.4 in EN 15804.

An EPD may include additional environmental information, in addition to the LCA results of the section on environmental performance results. The additional environmental information may cover various aspects of specific relevance for the product, for example:

- instruction for proper use of the product, e.g. to minimise the energy or water consumption or to improve the durability of the product;
- instructions for proper maintenance and service of the product;
- information on key parts of the product determining its durability;
- information on recycling including e.g. suitable procedures for recycling the entire product or selected parts and the potential environmental benefits gained;
- information on a suitable method of reuse of the product (or parts of the products) and procedures for disposal as waste at the end of its life cycle,
- information regarding disposal of the product or inherent materials, and any other information considered necessary to minimise the product's end-of-life impacts,
- information on permanent (more than 100 years) storage of biogenic carbon, either in the product, in a landfill, or as a consequence of applying carbon capture and storage (CCS) to the incineration of biogenic carbon, and how this would influence GWP-biogenic results if the GWP-biogenic indicator would allow consideration of such storage (it currently does not according to EN 15804; in case of such storage a virtual emission of biogenic CO2 has to be added, see Annex 2)
- a more detailed description of an organisation's overall environmental work such as:
    - the existence of a quality or environmental management system or any type of organised environmental activity, and
    - information on where interested parties may find more details about the organisation's environmental work.

Additional environmental information can also include information on carbon offset, carbon storage and delayed emissions, or on release of dangerous substances to indoor air, soil and water during the use stage.

Additional social and economic information

The EPD may also include other relevant social and economic information as additional and voluntary information. This may be product information or a description of an organisation's overall work on social or economic sustainability, such as activities related to supply chain management or social responsibility.

Any additional social and economic information declared shall be substantiated and verifiable, and be derived using appropriate methods and be specific, accurate, not misleading, and relevant to the specific product. Quantitative information is preferred over qualitative information.

References

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ISO 14040:2006	International Standard ISO 14040: Environmental Management – Life cycle assessment – Principles and framework. Second edition 2006-07-01.
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SCB (2023)	https://www.statistikdatabasen.scb.se/pxweb/en/ssd/START__MI__MI0305/MI0305T003/table/tableViewLayout1/ Accessed 2024-02-03
Association of Issuing Bodies	European Residual Mixes 2021 (2022) https://www.aibnet.org/sites/default/files/assets/facts/residualmix/2021/AIB_2021_Residual_Mix_Results_1_1.pdf (Retrieved 2023-09-20)
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