Environmental Product Declaration (EPD)

Declaration code EPD-VPB-GB-67.0

Viega GmbH & Co. KG

connecting technology

Prestabo Press connectors and pipes made of galvanized unalloyed steel

Basis:

DIN EN ISO 14025
EN 15804 + A2

Company EPD
Environmental
Product **D**eclaration

Publication date:
14.12.2023

Valid until:
14.12.2028

www.ift-rosenheim.de/
published EPDs

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Declaration holder	Viega GmbH & Co. KG Viega Platz 1 57439 Attendorn, Germany www.viega.de		
Declaration code	EPD-VPB-GB-67.0		
Designation of declared product	Prestabo Press connectors and pipes made of galvanized unalloyed steel		
Scope	Transportation of media inside/outside buildings		
Basis	This EPD was prepared on the basis of EN ISO 14025:2011 and DIN EN 15804:2012+A2:2019. In addition, the "Allgemeiner Leitfaden zur Erstellung von Typ III Umweltproduktdeklarationen" (General guideline for preparation of Type III Environmental Product Declarations) applies. The declaration is based on the PCR documents “PCR Part A” PCR-A-0.3:2018 and “Piping systems including connecting and fitting technology” PCR-RS-1.0:2022.		
Validity	Publication date: 14.12.2023	Last revision: 21.11.2025	Valid until: 14.12.2028
	This verified Company Environmental Product Declaration (company EPD) applies solely to the specified products and is valid for a period of five years from the date of publication in accordance with DIN EN 15804.		
LCA Basis	The LCA was prepared in accordance with DIN EN ISO 14040 and DIN EN ISO 14044. The base data includes the data collected at one production plant of Viega GmbH & Co. KG, and the generic data derived from the Ecoinvent 3 data base (v3.8 with aggregated inputs) and Ecoinvent EN 15804. LCA calculations were carried out for the included “cradle to grave” including all upstream chains (e.g. raw material extraction, etc.).		
Notes	The ift-Guidance Sheet “Conditions and Guidance for the Use of ift Test Documents” applies. The declaration holder assumes full liability for the underlying data, certificates and verifications.		

Christoph Seehauser Deputy Head of Sustainability	Dr. Torsten Mielecke Chairman of Expert Committee ift-EPD and PCR	Prof. Dr. Eric Brehm External verifier

1 General Product Information

Product definition

The EPD relates to the product group connecting technology and applies to:

1 kg Prestabo press connector or 1 linear metre Prestabo pipe of company Viega GmbH & Co. KG

These are divided into the following product groups

Product group (PG)		Weight
PG1	Prestabo	0.014 - 4.45 kg/pcs.
PG2	Prestabo LF	0.022 - 4.58 kg/pcs.
PG3	Prestabo pipe	0.320 - 5.23 kg/m

*The respective conversion values can be found in Annex B.

Table 1 Product groups*

The declared unit is obtained by summing up:

PG	Assessed product	Weight	Declared unit
1	Average	0.87 kg/pcs.[1]	1 kg
2	Average	1.05 kg/pcs.[1]	1 kg
3	Prestabo pipe (Item no. 598358)	5.23 kg/m[1]	1 linear metre

[1]A conversion for different unit weights/length weights is possible by dividing the results by the balanced unit weight/length weight and multiplying them by the respective unit weight/length weight from Annex B.

Table 2 Functional unit per reference product

Averaging is explained in the background report.

The average unit is declared as follows:
Directly used material flows are determined by means of manufactured masses (kg) and allocated to the declared unit. All other inputs and outputs in the production were scaled to the declared unit in their entirety since there is no typical functional unit due to the high number of variants. The reference period is the year 2022.

The validity of the EPD is restricted to the systems listed in Table 1.

Product description

Flow-optimized press connector system with press connectors made of stainless steel 1.0308. Electrogalvanized on the outside (blue chromated). The press connector features a cylindrical pipe guide to protect the sealing element. Press connector sizes ranging from d64.0 diameter with stainless steel cutting ring to ensure the mechanical strength of the connection. Pipes are fitted with pipe plugs for protection. The pressing force is applied in front and behind the sealing element seat. Suitable for wall mounting and concealed applications of risers and storey installations.

For a detailed product description refer to the manufacturer specifications or the product specifications of the respective offer/quotation.

Product manufacture

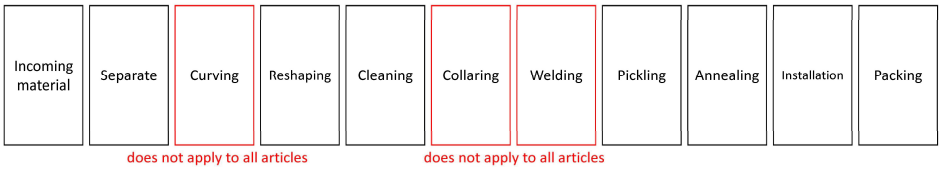


Illustration 1 Manufacturing process

Application

- Closed cooling and heating systems
- Industrial and plant engineering
- Sprinkler systems (sendzimir galvanized pipe)
- Compressed air systems (sendzimir galvanized pipe)
- Solar systems with flat-plate collectors
- Solar systems with vacuum collectors (only with FKM sealing element)

Test evidence / reports

For information on updated verifications (including other national approvals) refer to Prestabo | viega.de.

Management systems

The following management systems are held:

- Quality management system as per DIN EN ISO 9001:2015
- Energy management system as per DIN EN ISO 50001:2018
- Environmental management system as per DIN EN ISO 14001:2015
- Occupational health and safety management system as per DIN EN ISO 45001:2018

Additional information

For additional verifications of applicability or conformity refer to the CE marking and the documents accompanying the product, if applicable.

2 Materials used

Primary materials

The raw materials used can be found in Section 6.2 Inventory analysis (Inputs).
The raw materials used can be found in chapter 6 Life Cycle Assessment.

Declarable substances

Products may contain a substance in accordance with Article 57 of the REACH Regulation ('SVHC – Substance of Very High Concern') >0.1 mass percent (w/w).

Detailed information on the SVHC and the associated SCIP registration number is available from the manufacturer on request.
All relevant safety data sheets can be obtained from Viega GmbH & Co. KG..

3 Construction process stage

Processing recommendations, installation

Observe the instructions for assembly/installation, operation, maintenance and disassembly, provided by the manufacturer. For this, see www.viega.de

4 Use stage

Emissions to the environment

No emissions to indoor air, water and soil are known. There may be VOC emissions. There is no contact with the indoor/outdoor air.

Reference service life (RSL)

The RSL information was provided by the manufacturer. The RSL must be established under specified reference conditions of use and relate to the declared technical and functional performance of the product within the building. It must be determined according to all specific rules given in European product standards or, if none are available, according to a c-PCR. It must also take into account ISO 15686-1, -2, -7 and -8. If there is guidance on deriving RSLs from European Product Standards or a c-PCR, then such guidance must take precedence.
If it is not possible to determine the service life as the RSL in accordance with ISO 15686, the BBSR table “Nutzungsdauer von Bauteilen zur Lebenszyklusanalyse nach BNB” (service life of building components for life cycle assessment in accordance with the sustainable construction evaluation system) can be used. For further information and explanations refer to www.nachhaltigesbauen.de.

For this EPD the following applies:
For a "cradle to grave" EPD and Module D (A + B + C + D), a reference service life (RSL) must be specified.
The service life for Prestabo Press connectors and pipes made of galvanized unalloyed steel of company Viega GmbH & Co. KG is specified as 50 years according to the manufacturer.

The service life is dependent on the characteristics of the product and in-use conditions. The conditions and characteristics described in the EPD are applicable, in particular the characteristics listed below:

- Outdoor environment: Climatic influences may have a negative impact on the service life.
- Indoor environment: No impacts (e.g. humidity, temperature) known that have a negative effect on the service life.

The service life solely applies to the characteristics specified in this EPD or the corresponding references.
The RSL does not reflect the actual life time, which is usually determined by the service life and the redevelopment of a building. It does not give any information on the useful life, warranty referring to performance characteristics or guarantees.

5 End-of-life stage

Possible end-of-life stages

Prestabo Press connectors and pipes made of galvanized unalloyed steel are sent to central collection points. There the products are usually shredded and sorted into their constituents. The end-of-life stage depends on the site where the products are used and is therefore subject to the local regulations. Observe the locally applicable regulatory requirements.

In this EPD, the modules of after-use are presented according to the market situation.

Metals and plastics are recycled to a certain extent. Residual fractions are sent to landfill or, in part, thermally recycled.

Disposal routes

The LCA includes the average disposal routes.

All life cycle scenarios are detailed in the Annex.

6 Life Cycle Assessment (LCA)

Environmental product declarations are based on life cycle assessments (LCAs) which use material and energy flows for the calculation and subsequent representation of environmental impacts.

As a basis for this, life cycle assessments were prepared for Prestabo Press connectors and pipes made of galvanized unalloyed steel. These LCAs are in conformity with the requirements set out in DIN EN 15804 and the international standards DIN EN ISO 14040, DIN EN ISO 14044, ISO 21930 and EN ISO 14025.

The LCA is representative of the products presented in the Declaration and the specified reference period.

6.1 Definition of goal and scope

Aim

The goal of the LCA is to demonstrate the environmental impacts of the products. In accordance with DIN EN 15804, the environmental impacts covered by this Environmental Product Declaration are presented for the entire product life cycle in the form of basic information. No other additional environmental impacts are specified.

Data quality, data availability and geographical and time-related system boundaries

The specific data originate exclusively from the 2022 fiscal year. They were collected on-site at the plant located in Großhering and originate in parts from company records and partly from values directly obtained by measurement. Validity of the data was checked by the ift Rosenheim.

The generic data originate from the Ecoinvent 3 data base (v3.9.1 with aggregated inputs from 2022) and Ecoinvent EN 15804. The last update of both databases was in 2023. Data from before this date originate also from these databases and are not more than ten years old. No other generic data were used for the calculation.

Generic data are selected as accurately as possible in terms of geographic reference. If no country-specific data sets are available or if the regional reference cannot be determined, European or globally valid data sets are used.

Data gaps were either filled with comparable data or conservative assumptions, or the data were cut off in compliance with the 1% rule.

The life cycle was modelled using the sustainability software tool “Umberto 11” for the development of life cycle assessments.
The data quality complies with the requirements of prEN 15941:2022.

Scope / system boundaries

The system boundaries refer to the supply of raw materials and purchased parts, manufacture/production, use and end-of-life stage of Prestabo Press connectors and pipes made of galvanized unalloyed steel.
No additional data from pre-suppliers/subcontractors or other sites were taken into consideration.

Cut-off criteria

All company data collected, i.e. all commodities/input and raw materials used, the thermal energy and electricity consumption, were taken into consideration.

The boundaries cover only the product-relevant data. Building sections/parts of facilities that are not relevant to the manufacture of the products, were excluded.

The transport distances of the pre-products used were taken into consideration as a function of 100% of the mass of the products. The following means of transport was assumed: >32 t truck/semitrailer, Euro 6, diesel, 53 % capacity utilization

Other transport distances of the pre-products were not taken into consideration.

The criteria for the exclusion of inputs and outputs as set out in DIN EN 15804 are fulfilled. From the data analysis it can be assumed that the total of negligible processes per life cycle stage does not exceed 1% of the mass/primary energy. This way the total of negligible processes does not exceed 5% of the energy and mass input. The life cycle calculation also includes material and energy flows that account for less than 1%.

6.2 Inventory analysis

Aim

All material and energy flows are described below. The processes covered are presented as input and output parameters and refer to the declared units.

Life cycle stages

The complete life cycle of Prestabo Press connectors and pipes made of galvanized unalloyed steel is shown in the annex. The product stage "A1 – A3", construction process stage "A4 – A5", use stage "B1 – B7", end-of-life stage "C1 – C4" and the benefits and loads beyond the system boundaries "D" are considered.

Benefits

The below benefits have been defined as per DIN EN 15804:

- Benefits from recycling
- Benefits (thermal and electrical) from incineration

Allocation of co-products

Allocations occur during production.
Allocation was based on the masses (units) of products produced.

Allocations for re-use, recycling and recovery

If the products are reused/recycled and recovered during the product stage (rejects), the elements are shredded, if necessary and then sorted into their constituents. This is done by various process plants, e.g. magnetic separators.
The system boundaries were set following their disposal, reaching the end-of-waste status.

Allocations beyond life cycle boundaries

The use of recycled materials in the manufacturing process was based on the current market-specific situation. In parallel to this, a recycling potential was taken into consideration that reflects the economic value of the product after recycling (recyclate).
The system boundary set for the recycled material refers to collection.

Secondary material

The use of secondary material in module A3 by Viega GmbH & Co. KG was considered. Secondary material is not used.

Inputs

The following production-related inputs were recorded in the life cycle assessment for each 1 kg Prestabo press connector and 1 linear metre of Prestabo pipe:

Energy
For the input material natural gas, "natural gas, high pressure (GER), domestic supply with seasonal storage" was assumed. For the electricity mix, "electricity, high voltage, production mix (GER)" was assumed.

A portion of the process heat is used for space heating. This can, however, not be quantified, hence a “worst case” figure was taken into account for the product.

Water
There is no water consumption in the individual process steps for production.
The consumption of fresh water specified in Section 6.3 originates (among others) from the process chain of the pre-products and the process water for cooling.

Raw material / pre-products
The charts below show the share of raw materials/pre-products in percent.

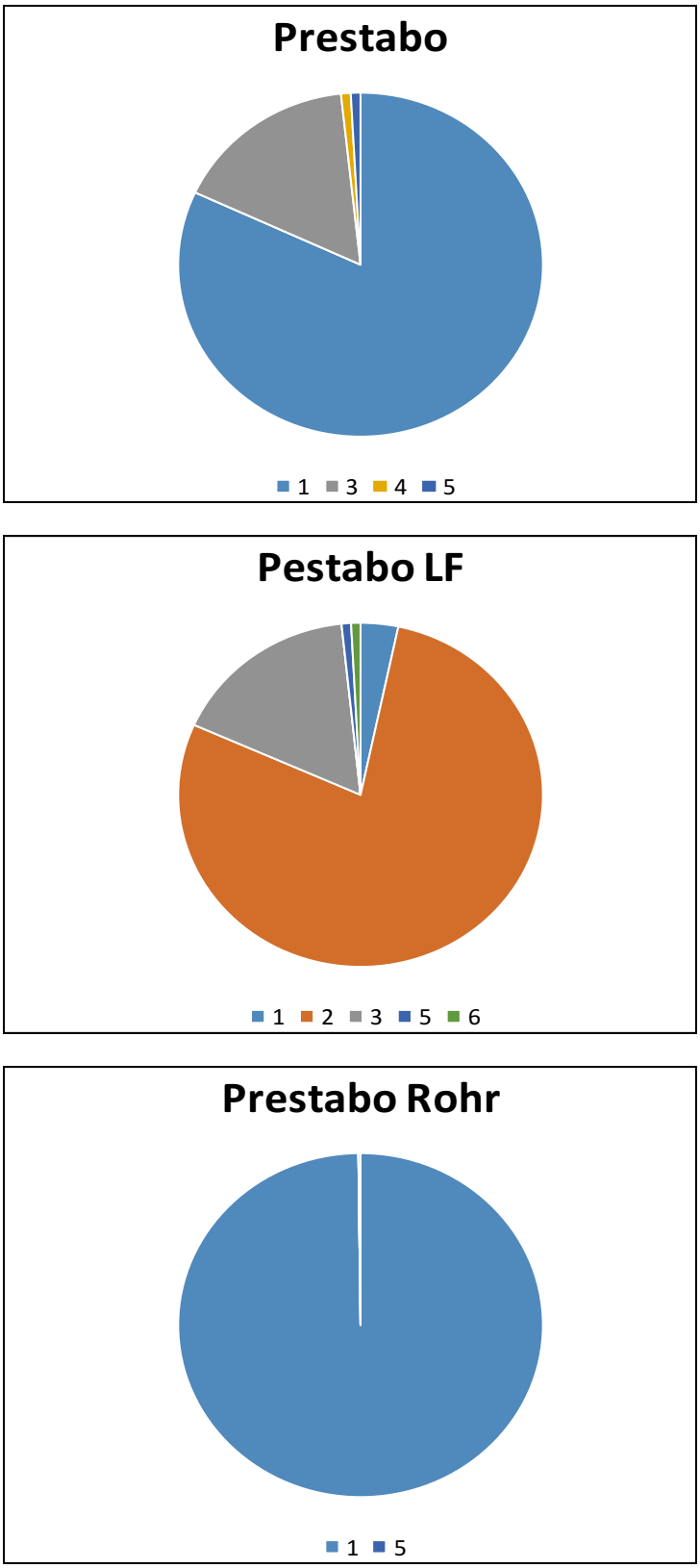


Illustration 2 Percentage of individual materials per declared unit

Ref.	Material	Mass in %		
		Prestabo	Prestabo LF	Prestabo pipes
1	Stainless steel	81.90 %	3.33 %	99.81 %
2	Steel	0.00 %	78.33 %	0.00 %
3	Brass	16.38 %	16.67 %	0.00 %
4	PA	0.86 %	0.00 %	0.00 %
5	PE	0.86 %	0.83 %	0.19 %
6	EPDM	0.00 %	0.83 %	0.00 %

Table 3 Percentage of individual materials per declared unit

Ancillary materials and consumables
There are the following ancillary materials and consumables:

- Prestabo: 27 g
- Prestabo LF: 834 g
- Prestabo pipe: 0 g

Product packaging
The amounts used for product packaging are as follows:

Material	Mass in kg		
	Prestabo	Prestabo LF	Prestabo pipe
Film	0.01	0.00	0.00
Paper/cardboard	0.12	0.21	0.00

Table 4 Weight in kg of packaging per declared unit

Biogenic carbon content
Only the biogenic carbon content of the associated packaging is reported, as the total mass of biogenic carbon-containing materials is less than 5% of the total mass of the product and associated packaging. According to EN 16449, the following amounts of biogenic carbon are generated for packaging:

Product	Part	Content in kg C
Prestabo	In the corresponding packaging	0.05
Prestabo LF	In the corresponding packaging	0.09
Prestabo pipe	In the corresponding packaging	0.00

Table 5 Biogenic carbon content of the packaging at the factory gate per declared unit

Outputs

The following manufacturing-related outputs were included in the LCA per 1 kg Prestabo press connector or 1 linear metre Prestabo pipe:

Waste
Secondary raw materials were included in the benefits.
See Section 6.3 Impact assessment.

Waste water
No waste water is produced during the manufacturing process.

6.3 Impact assessment

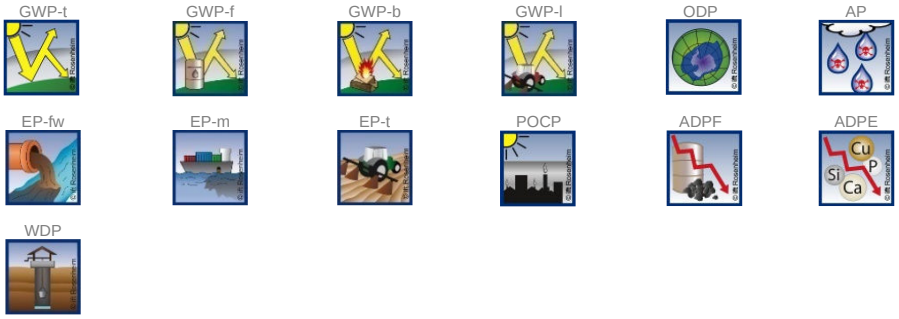
Aim

The impact assessment covers both inputs and outputs. The impact categories applied are stated below:

Core indicators

The models for impact assessment were applied as described in DIN EN 15804-A2.
The core indicators presented in the EPD are as follows:

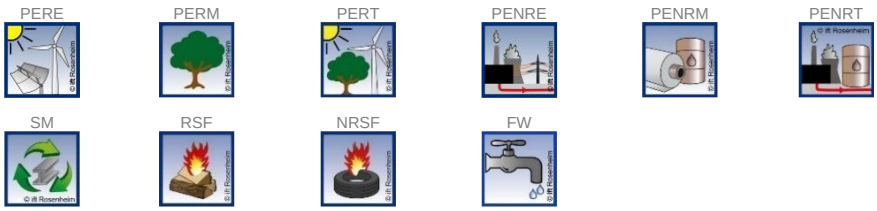
- Climate change - total (GWP-t)
- Climate change - fossil (GWP-f)
- Climate change - biogenic (GWP-b)
- Climate change - land use & land use change (GWP-l)
- Ozone depletion (ODP)
- Acidification (AP)
- Eutrophication freshwater (EP-fw)
- Eutrophication salt water (EP-m)
- Eutrophication land (EP-t)
- Photochemical ozone creation (POCP)
- Depletion of abiotic resources - fossil fuels (ADPF)
- Depletion of abiotic resources - minerals and metals (ADPE)
- Water use (WDP)



Resource management

The models for impact assessment were applied as described in DIN EN 15804-A2.
The following resource use indicators are presented in the EPD:

- Renewable primary energy as energy source (PERE)
- Renewable primary energy for material use (PERM)
- Total use of renewable primary energy (PERT)
- Non-renewable primary energy as energy source (PENRE)
- Non-renewable primary energy for material use (PENRM)
- Total use of non-renewable primary energy (PENRT)
- Use of secondary materials (SM)
- Use of renewable secondary fuels (RSF)
- Use of non-renewable secondary fuels (NRSF)
- Net use of freshwater resources (FW)

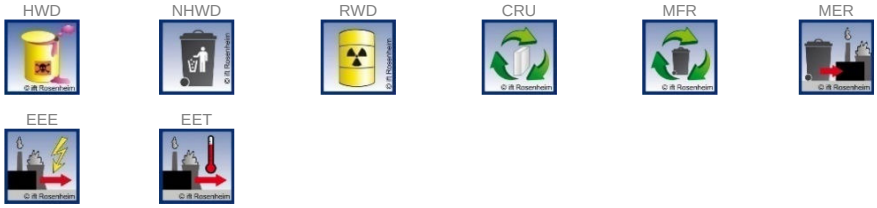


Waste

The waste generated during the production of 1 kg Prestabo press connector or 1 linear metre of Prestabo pipe is evaluated and shown separately for the fractions trade wastes, special wastes and radioactive wastes. Since waste handling is modelled within the system boundaries, the amounts shown refer to the deposited wastes. A portion of the waste indicated is generated during the manufacture of the pre-products.

The models for impact assessment were applied as described in DIN EN 15804-A2.
The following waste categories and indicators for output closures are presented in the EPD:

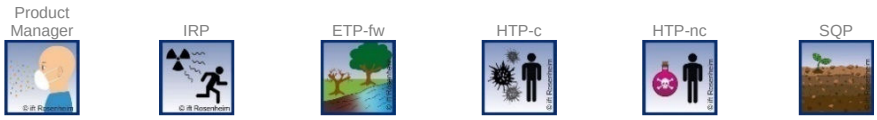
- Disposed hazardous waste (HWD)
- Non-hazardous waste disposed (NHWD)
- Radioactive waste disposed (RWD)
- Components for re-use (CRU)
- Materials for recycling (MFR)
- Materials for energy recovery (MER)
- Exported electrical energy (EEE)
- Exported thermal energy (EET)



Additional environmental impact indicators

The models for impact assessment were applied as described in DIN EN 15804-A2.
The additional impact categories presented in the EPD are as follows:

- Particulate matter emissions (PM)
- Ionizing radiation, human health (IRP)
- Ecotoxicity – freshwater (ETP-fw)
- Human toxicity, carcinogenic effects (HTP-c)
- Human toxicity, non-carcinogenic effects (HTP-nc)
- Impacts associated with land use/soil quality (SQP)



Results per 1 kg Prestabo															
	Unit	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
Core indicators																
GWP-t	kg CO_2 equivalent	6.45E+00	7.08E-02	3.01E-01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.05E-02	8.00E-02	3.68E-04	-5.10E+00
GWP-f	kg CO_2 equivalent	6.34E+00	7.08E-02	1.08E-02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.05E-02	5.08E-02	3.66E-04	-5.01E+00
GWP-b	kg CO_2 equivalent	9.26E-02	2.47E-05	2.90E-01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.47E-06	2.92E-02	2.22E-06	-7.89E-02
GWP-l	kg CO_2 equivalent	1.35E-02	3.63E-05	9.04E-07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.21E-06	1.19E-04	2.66E-07	-7.67E-03
ODP	kg CFC-11-eq.	1.67E-05	1.20E-09	5.31E-11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.72E-10	6.55E-10	8.63E-12	-5.65E-08
AP	mol H^+-eq.	3.48E-02	1.93E-04	7.08E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.59E-05	3.60E-04	2.60E-06	-3.15E-02
EP-fw	kg P-eq.	2.77E-03	5.93E-06	3.19E-07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.52E-07	1.27E-05	9.58E-08	-2.48E-03
EP-m	kg N-eq.	6.92E-03	5.05E-05	1.17E-04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.68E-05	1.34E-04	9.74E-07	-6.27E-03
EP-t	mol N-eq.	7.24E-02	5.23E-04	2.93E-04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.80E-04	1.21E-03	1.04E-05	-6.61E-02
POCP	kg NMVOC-eq.	2.35E-02	2.77E-04	1.80E-04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.47E-05	3.82E-04	3.52E-06	-2.13E-02
ADPF*[2]	MJ	7.13E+01	1.07E+00	2.87E-02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.54E-01	5.96E-01	7.98E-03	-6.06E+01
ADPE*[2]	kg Sb equivalent	6.40E-04	0.00E+00	7.24E-09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.91E-08	6.77E-07	7.66E-10	-6.07E-04
WDP*[2]	m^3 world-eq. deprived	2.83E+00	5.36E-03	1.58E-03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.74E-04	7.57E-03	4.41E-05	-2.54E+00
Resource management																
PERE	MJ	1.11E+01	1.35E-02	1.86E+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.94E-03	3.42E-02	1.36E-04	-1.23E+01
PERM	MJ	1.86E+00	0.00E+00	-1.86E+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PERT	MJ	1.30E+01	1.35E-02	1.13E-03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.94E-03	3.42E-02	1.36E-04	-1.23E+01
PENRE	MJ	7.05E+01	1.07E+00	3.15E-01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.54E-01	1.07E+00	2.32E-02	-6.06E+01
PENRM	MJ	7.74E-01	0.00E+00	-2.86E-01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00E+00	-4.73E-01	-1.52E-02	0.00E+00
PENRT	MJ	7.13E+01	1.07E+00	2.87E-02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.54E-01	5.97E-01	7.99E-03	-6.06E+01
SM	kg	4.69E-01	4.50E-04	1.46E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.48E-05	5.55E-04	3.05E-06	-4.65E-01
RSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NRSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	m^3	7.35E-02	1.47E-04	2.87E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.13E-05	1.77E-04	8.02E-06	-6.51E-02
Categories of waste																
HWD	kg	1.34E+00	7.87E-04	1.11E-04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.13E-04	1.18E-03	6.86E-06	-1.30E+00
NHWD	kg	1.05E+01	2.52E-02	1.42E-03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.62E-03	4.46E-02	2.04E-04	-9.43E+00
RWD	kg	1.40E-04	0.00E+00	1.60E-08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.34E-08	3.62E-07	2.52E-09	-1.21E-04
Output material flows																
CRU	kg	0.00E+00	0.00E+00	0.00E+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MFR	kg	8.25E-03	0.00E+00	7.02E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20E-06	9.23E-01	5.57E-08	-2.23E-03
MER	kg	7.01E-05	0.00E+00	1.39E-09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.52E-09	6.71E-08	2.50E-10	-6.30E-05
EE	MJ	1.16E-01	0.00E+00	5.65E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.76E-05	2.66E-04	1.38E-06	-1.09E-01

Key:
GWP-t – global warming potential - total **GWP-f** – global warming potential fossil fuels **GWP-b** – global warming potential - biogenic **GWP-l** – global warming potential - land use and land use change **ODP** – ozone depletion potential **AP** - acidification potential **EP-fw** - eutrophication potential - aquatic freshwater **EP-m** - eutrophication potential - aquatic marine **EP-t** - feutrophication potential - terrestrial **POCP** - photochemical ozone formation potential **ADPF*[2]** - abiotic depletion potential – fossil resources **ADPE*[2]** - abiotic depletion potential - minerals&metals **WDP*[2]** - Water (user) deprivation potential **PERE** - Use of renewable primary energy **PERM** - use of renewable primary energy resources **PERT** - total use of renewable primary energy resources **PENRE** - use of non-renewable primary energy **PENRM** - use of non-renewable primary energy resources **PENRT** - total use of non-renewable primary energy resources **SM** - use of secondary material **RSF** - use of renewable secondary fuels **NRSF** - use of non-renewable secondary fuels **FW** - net use of fresh water **HWD** - hazardous waste disposed **NHWD** - non-hazardous waste disposed **RWD** - radioactive waste disposed **CRU** - components for re-use **MFR** - materials for recycling **MER** - materials for energy recovery **EE** - exported energy

Results per 1 kg Prestabo															
	Unit	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
Additional environmental impact indicators																
PM	Disease incidence	4.00E-07	6.87E-09	3.86E-08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.08E-09	1.43E-08	5.61E-11	-3.71E-07
IRP*[1]	kBq U235-eq.	5.47E-01	9.74E-04	7.30E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.41E-04	1.49E-03	1.04E-05	-4.78E-01
ETP-fw*[2]	CTUe	1.69E+02	5.66E-01	6.03E-01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.13E-02	8.38E-01	3.47E-03	-1.59E+02
HTP-c*[2]	CTUh	3.24E-08	0.00E+00	2.38E-10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.57E-12	1.28E-10	2.05E-13	-3.11E-08
HTP-nc*[2]	CTUh	2.65E-07	3.14E-11	9.83E-10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.12E-10	1.55E-09	2.32E-12	-2.43E-07
SQP*[2]	dimensionless	3.04E+01	1.05E+00	4.48E-02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.55E-01	1.06E+00	1.81E-02	-2.73E+01

Key:
PM – particulate matter emissions potential **IRP*[1]** – ionizing radiation potential – human health **ETP-fw*[2]** - Eco-toxicity potential – freshwater **HTP-c*[2]** - Human toxicity potential – cancer effects **HTP-nc*[2]** - Human toxicity potential – non-cancer effects **SQP*[2]** – soil quality potential

Disclaimers:

*1 This impact category deals mainly with the eventual impact of low dose ionizing radiation on human health of the nuclear fuel cycle. It does not consider effects due to possible nuclear accidents, occupational exposure nor due to radioactive waste disposal in underground facilities. Potential ionising radiation from the soil, from radon and from some building materials is also not measured by this indicator.

*2 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.

Results per 1 kg Prestabo LF																
	Unit	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
Core indicators																
GWP-t	kg CO_2 equivalent	7.43E+00	7.60E-02	5.33E-01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.05E-02	8.11E-02	3.68E-04	-2.73E+00
GWP-f	kg CO_2 equivalent	7.37E+00	7.59E-02	3.35E-03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.05E-02	5.11E-02	3.66E-04	-2.69E+00
GWP-b	kg CO_2 equivalent	4.22E-02	2.65E-05	5.29E-01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.47E-06	2.99E-02	2.22E-06	-3.94E-02
GWP-l	kg CO_2 equivalent	1.46E-02	3.89E-05	8.49E-07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.21E-06	1.21E-04	2.66E-07	-4.21E-03
ODP	kg CFC-11-eq.	1.09E-04	1.28E-09	6.81E-11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.72E-10	6.63E-10	8.63E-12	-4.52E-08
AP	mol H^+-eq.	3.54E-02	2.07E-04	1.04E-04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.59E-05	3.63E-04	2.60E-06	-1.63E-02
EP-fw	kg P-eq.	2.20E-03	6.35E-06	3.69E-07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.52E-07	1.27E-05	9.58E-08	-1.82E-03
EP-m	kg N-eq.	7.35E-03	5.42E-05	1.64E-04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.68E-05	1.35E-04	9.73E-07	-3.72E-03
EP-t	mol N-eq.	7.80E-02	5.60E-04	4.08E-04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.80E-04	1.22E-03	1.04E-05	-3.92E-02
POCP	kg NMVOC-eq.	2.65E-02	2.97E-04	2.89E-04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.47E-05	3.87E-04	3.52E-06	-1.40E-02
ADPF*[2]	MJ	6.48E+01	1.15E+00	3.33E-02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.54E-01	6.03E-01	7.66E-10	-3.21E+01
ADPE*[2]	kg Sb equivalent	5.95E-04	0.00E+00	8.56E-09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.91E-08	6.64E-07	7.98E-03	-4.90E-04
WDP*[2]	m^3 world-eq. deprived	3.61E+00	5.74E-03	2.41E-03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.74E-04	7.61E-03	4.41E-05	-1.66E+00
Resource management																
PERE	MJ	1.88E+00	1.45E-02	3.39E+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.94E-03	3.40E-02	1.36E-04	-3.95E+00
PERM	MJ	3.39E+00	0.00E+00	-3.39E+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PERT	MJ	5.27E+00	1.45E-02	1.26E-03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.94E-03	3.40E-02	1.36E-04	-3.95E+00
PENRE	MJ	6.45E+01	1.15E+00	3.33E-02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.54E-01	9.54E-01	1.92E-02	-3.21E+01
PENRM	MJ	3.61E-01	0.00E+00	0.00E+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00E+00	-3.50E-01	-1.13E-02	0.00E+00
PENRT	MJ	6.48E+01	1.15E+00	3.33E-02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.54E-01	6.04E-01	7.98E-03	-3.21E+01
SM	kg	1.96E-01	4.82E-04	1.98E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.48E-05	5.54E-04	3.05E-06	-1.87E-01
RSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NRSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	m^3	8.13E-02	1.57E-04	3.48E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.13E-05	1.78E-04	8.02E-06	-3.54E-02
Categories of waste																
HWD	kg	4.30E-01	8.44E-04	1.58E-04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.13E-04	1.18E-03	6.86E-06	-3.85E-01
NHWD	kg	6.89E+00	2.70E-02	1.65E-03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.62E-03	4.45E-02	2.04E-04	-5.79E+00
RWD	kg	8.28E-05	0.00E+00	1.77E-08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.34E-08	3.61E-07	2.52E-09	-6.56E-05
Output material flows																
CRU	kg	0.00E+00	0.00E+00	0.00E+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MFR	kg	3.74E-03	0.00E+00	4.74E-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20E-06	9.26E-01	5.57E-08	-1.40E-03
MER	kg	2.97E-05	0.00E+00	1.89E-09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.52E-09	6.68E-08	2.50E-10	-1.67E-05
EE	MJ	4.76E-02	0.00E+00	1.08E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.76E-05	2.67E-04	1.37E-06	-3.82E-02

Key:
GWP-t – global warming potential - total **GWP-f** – global warming potential fossil fuels **GWP-b** – global warming potential - biogenic **GWP-l** – global warming potential - land use and land use change **ODP** – ozone depletion potential **AP** - acidification potential **EP-fw** - eutrophication potential - aquatic freshwater **EP-m** - eutrophication potential - aquatic marine **EP-t** - feutrophication potential - terrestrial **POCP** - photochemical ozone formation potential **ADPF*[2]** - abiotic depletion potential – fossil resources **ADPE*[2]** - abiotic depletion potential - minerals&metals **WDP*[2]** - Water (user) deprivation potential **PERE** - Use of renewable primary energy **PERM** - use of renewable primary energy resources **PERT** - total use of renewable primary energy resources **PENRE** - use of non-renewable primary energy **PENRM** - use of non-renewable primary energy resources **PENRT** - total use of non-renewable primary energy resources **SM** - use of secondary material **RSF** - use of renewable secondary fuels **NRSF** - use of non-renewable secondary fuels **FW** - net use of fresh water **HWD** - hazardous waste disposed **NHWD** - non-hazardous waste disposed **RWD** - radioactive waste disposed **CRU** - components for re-use **MFR** - materials for recycling **MER** - materials for energy recovery **EE** - exported energy

Results per 1 kg Prestabo LF																
	Unit	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
Additional environmental impact indicators																
PM	Disease incidence	5.90E-07	7.37E-09	5.58E-08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.08E-09	1.45E-08	5.61E-11	-1.91E-07
IRP*[1]	kBq U235-eq.	3.23E-01	1.04E-03	8.00E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.41E-04	1.48E-03	1.04E-05	-2.57E-01
ETP-fw*[2]	CTUe	2.07E+02	6.07E-01	9.41E-01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.13E-02	8.53E-01	3.47E-03	-1.39E+02
HTP-c*[2]	CTUh	3.27E-08	0.00E+00	3.44E-10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.57E-12	1.30E-10	2.05E-13	-1.61E-08
HTP-nc*[2]	CTUh	2.57E-07	3.37E-11	1.48E-09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.12E-10	1.56E-09	2.32E-12	-1.62E-07
SQP*[2]	dimensionless	1.71E+01	1.13E+00	5.96E-02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.55E-01	1.07E+00	1.81E-02	-1.23E+01

Key:
PM – particulate matter emissions potential **IRP*[1]** – ionizing radiation potential – human health **ETP-fw*[2]** - Eco-toxicity potential – freshwater **HTP-c*[2]** - Human toxicity potential – cancer effects **HTP-nc*[2]** - Human toxicity potential – non-cancer effects **SQP*[2]** – soil quality potential

Disclaimers:

*1 This impact category deals mainly with the eventual impact of low dose ionizing radiation on human health of the nuclear fuel cycle. It does not consider effects due to possible nuclear accidents, occupational exposure nor due to radioactive waste disposal in underground facilities. Potential ionising radiation from the soil, from radon and from some building materials is also not measured by this indicator.

*2 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.

Results per 1 linear metre Prestabo pipe																
	Unit	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
Core indicators																
GWP-t	kg CO_2 equivalent	2.76E+01	3.28E-01	2.13E-03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.48E-02	4.88E-01	1.84E-03	-2.75E+01
GWP-f	kg CO_2 equivalent	2.73E+01	3.28E-01	2.12E-03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.47E-02	2.92E-01	1.83E-03	-2.72E+01
GWP-b	kg CO_2 equivalent	2.67E-01	1.14E-04	6.92E-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.82E-05	1.95E-01	1.11E-05	-2.67E-01
GWP-l	kg CO_2 equivalent	2.90E-02	1.68E-04	2.48E-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.73E-05	7.31E-04	1.33E-06	-2.89E-02
ODP	kg CFC-11-eq.	2.80E-07	5.55E-09	4.88E-11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.03E-10	3.83E-09	4.31E-11	-2.78E-07
AP	mol H^+-eq.	1.52E-01	8.93E-04	1.31E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.40E-04	2.01E-03	1.30E-05	-1.52E-01
EP-fw	kg P-eq.	9.32E-03	2.75E-05	3.21E-07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.46E-06	6.50E-05	4.78E-07	-9.31E-03
EP-m	kg N-eq.	2.77E-02	2.34E-04	4.38E-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.80E-05	7.93E-04	4.86E-06	-2.77E-02
EP-t	mol N-eq.	2.93E-01	2.42E-03	4.67E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.40E-04	7.02E-03	5.20E-05	-2.92E-01
POCP	kg NMVOC-eq.	1.02E-01	1.28E-03	1.62E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.38E-04	2.24E-03	1.76E-05	-1.01E-01
ADPF*[2]	MJ	3.09E+02	4.97E+00	4.07E-02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.08E-01	3.49E+00	3.99E-02	-3.06E+02
ADPE*[2]	kg Sb equivalent	6.55E-04	0.00E+00	6.78E-09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.52E-07	2.52E-06	3.82E-09	-6.55E-04
WDP*[2]	m^3 world-eq. deprived	8.74E+00	2.48E-02	2.40E-04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.05E-03	4.23E-02	2.20E-04	-8.73E+00
Resource management																
PERE	MJ	6.87E+01	6.25E-02	1.12E-03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.01E-02	1.62E-01	6.79E-04	-6.87E+01
PERM	MJ	0.00E+00	0.00E+00	0.00E+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PERT	MJ	6.87E+01	6.25E-02	1.12E-03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.01E-02	1.62E-01	6.79E-04	-6.87E+01
PENRE	MJ	3.08E+02	4.97E+00	4.07E-02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.08E-01	3.64E+00	4.41E-02	-3.06E+02
PENRM	MJ	1.43E-01	0.00E+00	0.00E+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00E+00	-1.39E-01	-4.27E-03	0.00E+00
PENRT	MJ	3.09E+02	4.97E+00	4.07E-02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.08E-01	3.50E+00	3.99E-02	-3.06E+02
SM	kg	3.00E+00	2.08E-03	1.50E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.39E-04	3.04E-03	1.52E-05	-3.00E+00
RSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NRSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	m^3	2.46E-01	6.80E-04	2.73E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.11E-04	9.73E-04	4.00E-05	-2.46E-01
Categories of waste																
HWD	kg	8.30E+00	3.64E-03	2.99E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.92E-04	6.35E-03	3.42E-05	-8.30E+00
NHWD	kg	4.35E+01	1.17E-01	1.39E-03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.89E-02	2.20E-01	1.02E-03	-4.35E+01
RWD	kg	4.22E-04	0.00E+00	1.64E-08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.75E-07	1.87E-06	1.26E-08	-4.22E-04
Output material flows																
CRU	kg	0.00E+00	0.00E+00	0.00E+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MFR	kg	6.97E-03	0.00E+00	4.62E-04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.29E-06	4.87E+00	2.78E-07	-6.96E-03
MER	kg	3.78E-04	0.00E+00	1.10E-09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.41E-08	3.60E-07	1.25E-09	-3.78E-04
EE	MJ	5.69E-01	0.00E+00	3.42E-04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.44E-04	1.46E-03	6.87E-06	-5.69E-01

Key:
GWP-t – global warming potential - total **GWP-f** – global warming potential fossil fuels **GWP-b** – global warming potential - biogenic **GWP-l** – global warming potential - land use and land use change **ODP** – ozone depletion potential **AP** - acidification potential **EP-fw** - eutrophication potential - aquatic freshwater **EP-m** - eutrophication potential - aquatic marine **EP-t** - feutrophication potential - terrestrial **POCP** - photochemical ozone formation potential **ADPF*[2]** - abiotic depletion potential – fossil resources **ADPE*[2]** - abiotic depletion potential - minerals&metals **WDP*[2]** - Water (user) deprivation potential **PERE** - Use of renewable primary energy **PERM** - use of renewable primary energy resources **PERT** - total use of renewable primary energy resources **PENRE** - use of non-renewable primary energy **PENRM** - use of non-renewable primary energy resources **PENRT** - total use of non-renewable primary energy resources **SM** - use of secondary material **RSF** - use of renewable secondary fuels **NRSF** - use of non-renewable secondary fuels **FW** - net use of fresh water **HWD** - hazardous waste disposed **NHWD** - non-hazardous waste disposed **RWD** - radioactive waste disposed **CRU** - components for re-use **MFR** - materials for recycling **MER** - materials for energy recovery **EE** - exported energy

Results per 1 linear metre Prestabo pipe																
	Unit	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
Additional environmental impact indicators																
PM	Disease incidence	2.19E-06	3.18E-08	2.32E-10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.64E-09	8.91E-08	2.80E-10	-2.18E-06
IRP*[1]	kBq U235-eq.	1.70E+00	4.51E-03	7.55E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.36E-04	7.72E-03	5.21E-05	-1.70E+00
ETP-fw*[2]	CTUe	1.10E+02	2.62E+00	1.88E-02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.25E-01	5.20E+00	1.73E-02	-1.09E+02
HTP-c*[2]	CTUh	1.73E-07	0.00E+00	9.44E-13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.39E-11	7.92E-10	1.02E-12	-1.73E-07
HTP-nc*[2]	CTUh	6.22E-07	1.46E-10	1.70E-11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.88E-10	8.04E-09	1.16E-11	-6.21E-07
SQP*[2]	dimensionless	1.42E+02	4.89E+00	5.37E-02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.12E-01	6.21E+00	9.03E-02	-1.40E+02

Key:
PM – particulate matter emissions potential **IRP*[1]** – ionizing radiation potential – human health **ETP-fw*[2]** - Eco-toxicity potential – freshwater **HTP-c*[2]** - Human toxicity potential – cancer effects **HTP-nc*[2]** - Human toxicity potential – non-cancer effects **SQP*[2]** – soil quality potential

Disclaimers:

*1 This impact category deals mainly with the eventual impact of low dose ionizing radiation on human health of the nuclear fuel cycle. It does not consider effects due to possible nuclear accidents, occupational exposure nor due to radioactive waste disposal in underground facilities. Potential ionising radiation from the soil, from radon and from some building materials is also not measured by this indicator.

*2 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.

6.4 Interpretation, LCA presentation and critical review

Evaluation

The environmental impacts of

- Prestabo
- Prestabo LF
- Prestabo pipe

differ considerably from each other. The differences in the environmental impact of the products lie in the various pre-products and raw materials used and in the mass of the pre-products and raw materials used in each case. Increasing the proportion of recycling can reduce these environmental impacts.

The main environmental impact of production is caused by the raw material stainless steel, steel and brass. This is to be expected, as these raw materials account for up to over 90 percent depending on the product and the high LCIA values associated with the raw material are the main source of emissions.

The LCA covers the complete life cycle. As the products do not generate any emissions in the use stage, here the value is 0. The replacement was balanced separately in B4 for 1 year as a scenario. Otherwise, there is no environmental impact during the use phase.

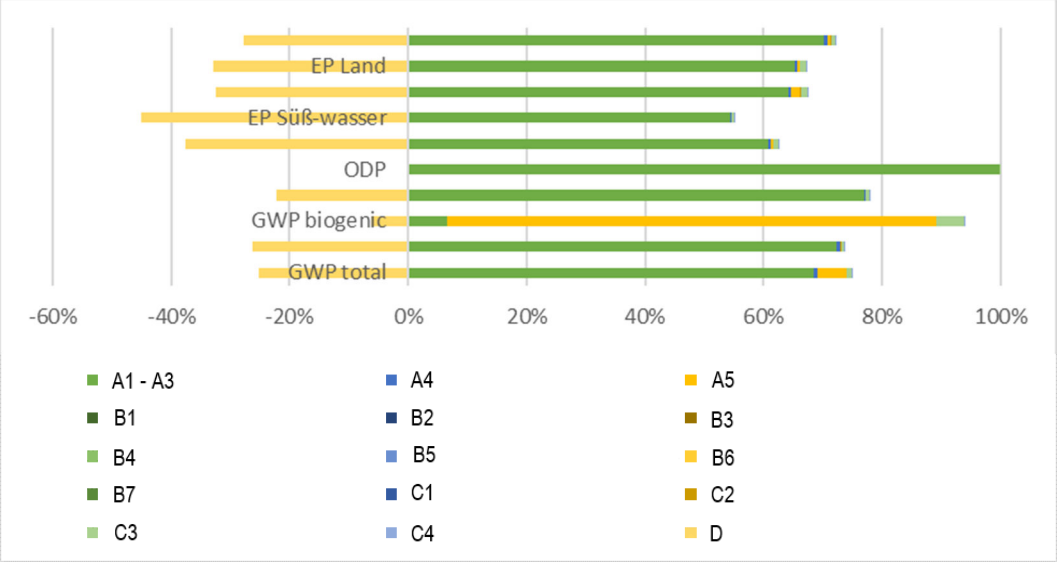
The more stainless steel, steel and brass in the product, the greater the environmental impact. The proportion of biogenic carbon during installation is generated by the high proportion of cardboard (packaging).
Due to the main materials stainless steel, steel and brass, there are correspondingly high credits at the end of life (depending on the environmental indicator).

The charts below show the allocation of the main environmental impacts.

The values obtained from the LCA calculation are suitable for the certification of buildings.

Prestabo

Prestabo LF



Prestabo Pipe

Illustration 3 Percentage of the modules in selected environmental impact indicators

Report

The LCA report underlying this EPD was developed according to the requirements of DIN EN ISO 14040 and DIN EN ISO 14044 as well as DIN EN 15804 and DIN EN ISO 14025. It is deposited with ift Rosenheim. The results and conclusions reported to the target group are complete, correct, without bias and transparent. The results of the study are not designed to be used for comparative statements intended for publication.

Critical review

The critical review of the LCA and of the report took place in the course of verification of the EPD and was carried out by the external auditor Prof. Dr. Eric Brehm.

7 General information regarding the EPD

Comparability

This EPD was prepared in accordance with DIN EN 15804 and is therefore only comparable to those EPDs that also comply with the requirements set out in DIN EN 15804.
Any comparison must refer to the building context and the same boundary conditions of the various life cycle stages.
For comparing EPDs of construction products, the rules set out in DIN EN 15804, Clause 5.3, apply.

The detailed individual results of the products were summarised on the basis of conservative assumptions and differ from the average results. Identification of the product groups and the resulting variations are documented in the background report.

Communication

The communications format of this EPD meets the requirements of EN 15942:2012 and is therefore the basis for B2B communication. Only the nomenclature has been changed according to DIN EN 15804.

Verification

Verification of the Environmental Product Declaration is documented in accordance with the ift "Richtlinie zur Erstellung von Typ III Umweltproduktdeklarationen" (Guidance on preparing Type III Environmental Product Declarations) in accordance with the requirements set out in DIN EN ISO 14025.

This declaration is based on the PCR documents “PCR Part A” PCR-A-0.3:2018 and “Piping systems including connecting and fitting technology” PCR-RS-1.0:2022.

The European standard EN 15804 serves as the core PCR [a)]
Independent verification of the declaration and statement according to EN ISO 14025:2010
Independent third party verifier: [b)] Eric Brehm
[a)] Product category rules [b)] Optional for business-to-business communication Mandatory for business-to-consumer communication (see EN ISO 14025:2010. 9.4).

Revisions of this document

No.	Date	Note	Person in charge	Testing personnel
1	13.12.2023	External verification	Pscherer	Brehm
2	15.10.2025	Adjustment Conversion factors	Ludwig	--
3	21.11.2025	Adjustment REACH-declaration	Brechleiter	--

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9 Annex

Description of life cycle scenarios for Prestabo Press connectors and pipes made of galvanized unalloyed steel

Product stage			Con-struction process stage		Use stage*							End-of-life stage				Benefits and loads beyond system boundaries
A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Raw material supply	Transport	production	Transport	Construction/installation process	Use	maintenance	Repair	replacement	Refurbishment	Operational energy use	Operational water use	Deconstruction/demolition	Transport	Waste processing	Disposal	Reuse Recovery Recycling potential
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

* For declared B-modules, the calculation of the results is performed taking into account the specified RSL related to one year

Table 6 Overview of applied life cycle stages

The scenarios were calculated taking into account the defined RSL (see 4 Use stage).

The scenarios were furthermore based on the research project “EPDs for transparent building components”. (1)

Note: The standard scenarios selected are presented in bold type. They were also used for calculating the indicators in the summary table.

✓ Included in the LCA
— Not included in the LCA

A4 Transport to construction site

No.	Scenario	Description
A4.1	**National**	**Transport mix 35-53% capacity used[1], approx. 600 km**
A4.2	International/EU country	Transport mix 35-53% capacity used[1], approx. 2,000 km
A4.3	International/Non-EU	Transport mix 35-53% capacity used[1], approx. 15,000 km

[1] Capacity used: utilized loading capacity of the truck

The transport distances shown represent a transport average with the following transport mix. The scenarios include the return transport, if applicable.

Shipping method	Network fleet structure	Share in %		
		A4.1	A4.2	A4.3
Parcel service provider (CEP - Courier-Express- Parcel service)	Van 7.5 – 16 t (Euro 6), diesel, 35% capacity utilization	2	0	0.5
Forwarding agency and own truck fleet	32 - 40 t truck/semitrailer (Euro 6), diesel, 53% capacity utilization	98	90	85
Air freights	Cargo and passenger aircrafts, kerosene	0	9	11
Seagoing vessels/containers	Seagoing/container vessels to receiving port, heavy oil	0	1	3.5

A4 Transport to construction site	Transport weight [kg] per declared unit	Density [kg/m³]	Capacity load factor[2]
Prestabo	1.13	7.90	0.80
Prestabo LF	1.21		
Prestabo pipe	5.24		

[2] Capacity load factor:
= 1 Product completely fills the packaging (without air inclusion)
< 1 Packaging contains unused volume (e.g.: air, filling material)
> 1 Product is packed in compressed form

The scenarios were calculated per kg and can be scaled to the product group using the above masses.

A4 Transport to construction site	Unit	A4.1	A4.2	A4.3
Core indicators				
GWP-t	kg CO_2 equivalent	**6.27E-05**	3.33E-04	2.81E-03
GWP-f	kg CO_2 equivalent	**6.26E-05**	3.33E-04	2.81E-03
GWP-b	kg CO_2 equivalent	**2.18E-08**	8.84E-08	7.09E-07
GWP-l	kg CO_2 equivalent	**3.21E-08**	1.06E-07	7.96E-07
ODP	kg CFC-11-eq.	**1.06E-12**	5.45E-12	4.58E-11
AP	mol H^+-eq.	**1.71E-07**	1.16E-06	1.03E-05
EP-fw	kg P-eq.	**5.24E-09**	1.74E-08	1.31E-07
EP-m	kg N-eq.	**4.47E-08**	3.98E-07	3.63E-06
EP-t	mol N-eq.	**2.45E-07**	1.62E-06	1.42E-05
POCP	kg NMVOC-eq.	**4.62E-07**	4.21E-06	3.85E-05
ADPF	MJ	**9.49E-04**	4.78E-03	4.00E-02
ADPE	kg Sb equivalent	**1.81E-10**	5.55E-10	4.09E-09
WDP	m^3 world-eq. deprived	**4.74E-06**	1.66E-05	1.27E-04
Resource management				
PERE	MJ	**1.19E-05**	4.13E-05	3.15E-04
PERM	MJ	**0.00**	0.00	0.00
PERT	MJ	**1.19E-05**	4.13E-05	3.15E-04
PENRE	MJ	**9.49E-04**	4.78E-03	4.00E-02
PENRM	MJ	**0.00**	0.00	0.00
PENRT	MJ	**9.49E-04**	4.78E-03	4.00E-02

SM	kg	**3.98E-07**	1.33E-06	1.00E-05
RSF	MJ	**0.00**	0.00	0.00
NRSF	MJ	**0.00**	0.00	0.00
FW	m^3	**1.30E-07**	4.63E-07	3.54E-06
Categories of waste				
HWD	kg	**6.96E-07**	2.36E-06	1.78E-05
NHWD	kg	**2.23E-05**	7.40E-05	5.57E-04
RWD	kg	**2.05E-10**	7.39E-10	5.69E-09
Output material flows				
CRU	kg	**0.00**	0.00	0.00
MFR	kg	**7.38E-09**	2.84E-08	2.27E-07
MER	kg	**4.16E-11**	1.35E-10	1.02E-09
EE	MJ	**1.68E-07**	5.81E-07	4.41E-06
Additional environmental impact indicators				
PM	Disease incidence	**6.08E-12**	1.94E-11	1.43E-10
IRP	kBq U235-eq.	**8.61E-07**	3.15E-06	2.44E-05
ETPfw	CTUe	**5.01E-04**	2.44E-03	2.02E-02
HTPc	CTUh	**2.78E-14**	9.74E-14	7.45E-13
HTPnc	CTUh	**6.85E-13**	3.61E-12	3.04E-11
SQP	dimensionless	**9.33E-04**	2.92E-03	2.12E-02

A5 Construction/Installation

No.	Scenario	Description
A5.1	**Manual**	**According to the manufacturer. the products are installed with battery-operated pressing pliers (0.0009 kWh/kg, electricity mix (GLO)).**

In case of deviating consumption during installation/assembly of the products which forms part of the site management, they are covered at the building level.

The following quantities of waste materials are produced during installation.

Product group	Waste materials in kg	of which quantities collected for waste recycling (output materials) in kg
Prestabo	0.130	0.024
Prestabo LF	0.212	0.001
Prestabo pipe	0.024	0.157

Ancillary materials, consumables, use of water, use of other resources, material losses as well as direct emissions during installation are negligible.

It is assumed that the packaging material in the Module construction / installation is sent to waste handling. Waste is only thermally recycled in line with the conservative approach. Benefits from A5 are specified in module D:

- Electricity replaces electricity mix (GLO, high voltage, market group)
- Thermal energy replaces thermal energy from natural gas (district or industrial, natural gas, RoW).
- Steel recyclate from A5 replaces 100% steel (Prestabo LF).
- Stainless steel recyclate used in A5 replaces 100% of stainless steel (Prestabo, Prestabo pipes).

Transport to the recycling plants is included.

Since this is a single scenario, the results are shown in the relevant summary table.

B1 Use (not relevant)

Refer to Section 4 Use stage - Emissions to the environment.
No emissions are known which may occur during the use stage of the products because press fitting is without contact to air, water and soil.

Since this is a single scenario, the results are shown in the relevant summary table.

B2 Cleaning, maintenance and repair (not relevant)

B2.1 Cleaning (not relevant)

No cleaning is required.

Ancillary materials, consumables, use of energy and water, material losses and waste as well as transport distances during cleaning are negligible.

Since this is a single scenario, the results are shown in the relevant summary table.

B2.2 Maintenance and repair (not relevant)

No maintenance is required.

Ancillary materials, consumables, use of energy and water, waste, material losses and transport distances during maintenance are negligible.

Since this is a single scenario, the results are shown in the relevant summary table.

B3 Repair

No repair of the components of the building part is required.

For updated information refer to the respective instructions for assembly/installation, operation and maintenance from Viega GmbH & Co. KG.

Ancillary materials, consumables, use of energy and water, waste, material losses and transport distances during repair are negligible.

Since this is a single scenario, the results are shown in the relevant summary table.

B4 Exchange / Replacement

No.	Scenario	Description
B4.1	**No replacement**	**According to manufacturer, a replacement is not planned.**
B4.2	Normal use and heavy use	One-time replacement after 50 years (RSL)* Energy consumption 0.0009 kWh/kg.

*Assumptions for evaluation of possible environmental impacts; statements made do not constitute any guaranty or warranty of performance.
The statements made in this EPD are only informative to allow evaluation at the building level.

It is assumed that no replacement will be necessary during the 50-year reference service life and the 50-year building service life. The environmental impacts of replacement are due to the product, construction and disposal stages.
The results were based on one year, taking into account the RSL.

For updated information refer to the respective instructions for assembly/installation, operation and maintenance from Viega GmbH & Co. KG.

B4 Exchange/ replacement	Unit	B4.1	B4.2		
			Prestabo	Prestabo LF	Prestabo pipe
Core indicators					
GWP-t	kg CO_2 equivalent	**0.00**	1.42E+00	6.11E+00	8.67E-01
GWP-f	kg CO_2 equivalent	**0.00**	1.18E+00	5.54E+00	6.71E-01
GWP-b	kg CO_2 equivalent	**0.00**	2.49E-01	5.63E-01	1.95E-01
GWP-l	kg CO_2 equivalent	**0.00**	-5.27E-03	1.10E-02	9.13E-04
ODP	kg CFC-11-eq.	**0.00**	4.71E-05	1.09E-04	1.02E-08
AP	mol H^+-eq.	**0.00**	-1.21E-02	2.30E-02	3.13E-03
EP-fw	kg P-eq.	**0.00**	-1.18E-03	7.59E-04	9.41E-05
EP-m	kg N-eq.	**0.00**	-9.47E-04	4.70E-03	1.11E-03
EP-t	mol N-eq.	**0.00**	-2.56E-02	4.86E-02	1.04E-02
POCP	kg NMVOC-eq.	**0.00**	-5.04E-03	1.69E-02	3.87E-03
ADPF	MJ	**0.00**	-5.00E+00	4.15E+01	9.46E+00
ADPE	kg Sb equivalent	**0.00**	-5.74E-04	1.12E-04	3.54E-06
WDP	m^3 world-eq. deprived	**0.00**	8.59E-02	2.18E+00	7.63E-02
Resource management					
PERE	MJ	**0.00**	-9.49E+00	2.15E+00	2.15E-01
PERM	MJ	**0.00**	0.00E+00	0.00E+00	0.00E+00
PERT	MJ	**0.00**	-9.49E+00	2.15E+00	2.15E-01
PENRE	MJ	**0.00**	-5.00E+00	4.15E+01	9.47E+00
PENRM	MJ	**0.00**	3.47E-18	-1.73E-17	6.07E-18
PENRT	MJ	**0.00**	-5.00E+00	4.15E+01	9.47E+00
SM	kg	**0.00**	-2.67E-01	8.26E-02	4.88E-03
RSF	MJ	**0.00**	0.00E+00	0.00E+00	0.00E+00
NRSF	MJ	**0.00**	0.00E+00	0.00E+00	0.00E+00
FW	m^3	**0.00**	-6.39E-03	4.97E-02	1.57E-03
Categories of waste					
HWD	kg	**0.00**	-9.14E-01	1.78E-01	8.80E-03
NHWD	kg	**0.00**	-4.76E+00	2.49E+00	3.41E-01
RWD	kg	**0.00**	-9.08E-05	2.21E-05	2.85E-06
Output material flows					
CRU	kg	**0.00**	0.00E+00	0.00E+00	0.00E+00
MFR	kg	**0.00**	9.27E-01	9.29E-01	4.87E+00
MER	kg	**0.00**	-5.14E-05	1.70E-05	5.37E-07
EE	MJ	**0.00**	-8.74E-02	1.56E-02	2.75E-03
Additional environmental impact indicators					
PM	Disease incidence	**0.00**	-5.29E-08	5.36E-07	1.27E-07
IRP	kBq U235-eq.	**0.00**	-3.67E-01	8.50E-02	1.19E-02
ETPfw	CTUe	**0.00**	-1.44E+02	7.22E+01	8.26E+00
HTPc	CTUh	**0.00**	-1.56E-08	2.19E-08	9.28E-10
HTPnc	CTUh	**0.00**	-1.98E-07	1.07E-07	1.21E-08
SQP	dimensionless	**0.00**	-1.68E+01	8.85E+00	1.19E+01

B5 Improvement/modernization (not relevant)
According to the manufacturer, the elements are not included in the improvement / modernisation activities for buildings.

For updated information refer to the respective instructions for assembly/installation, operation and maintenance from Viega GmbH & Co. KG.

Ancillary materials, consumables, use of energy and water, material losses, waste as well as transport distances during installation are negligible.

Since this is a single scenario, the results are shown in the relevant summary table.

B6 Operational energy use (not relevant)

There is no energy used during normal use.

Ancillaries, consumables, water use, material losses, waste materials, transport distances and other scenarios are negligible.

Since this is a single scenario, the results are shown in the relevant summary table.

B7 Operational water use (not relevant)

No water consumption when used as intended. Water consumption for cleaning is specified in Module B2.1.

Ancillaries, consumables, energy use, material losses, waste materials, transport distances and other scenarios are negligible.

Since this is a single scenario, the results are shown in the relevant summary table.

C1 Deconstruction

No.	Scenario	Description
C1	**Deconstruction**	**Connecting technology 99% deconstruction.** **Further deconstruction rates are possible, give adequate reasons.**

No relevant inputs or outputs apply to the scenario selected. Energy consumption during dismantling is not required.

Since this is a single scenario, the results are shown in the relevant summary table.

In case of deviating consumption the removal of the products forms part of site management and is covered at the building level.

C2 Transport

No.	Scenario	Description
C2	Transport	**Transport to collection point with >32 t truck (Euro 4), diesel, 29.96 t payload, 53% capacity used, 50 km (1)**

Since this is a single scenario, the results are shown in the relevant summary table.

C3 Waste management

No.	Scenario	Description
C3	Current market situation	**Share for recirculation of materials:** • **(Stainless) Steel 98% in melt** (UBA, 2017) • **Brass 98% in melt** (UBA, 2017) • **Plastics 60 % thermal recycling in incineration plants** (Zukunft Bauen, 2017) • **Plastics 40 % recycled** (Zukunft Bauen, 2017) • **Remainder to landfill/disposal,**

No electricity consumption for the recycling plant per declared unit was taken into account for waste treatment due to the low proportion and lack of sources.

As the products are placed on the European market, the disposal scenario is based on average European data sets.

The below table presents the disposal processes and their percentage by mass/weight. The calculation is based on the above mentioned shares in percent related to the declared unit of the product system.

C3 Disposal	Unit	Prestabo	Prestabo LF	Prestabo Pipe
Collection process, collected separately	kg	0.99	0.99	5.18
Collection process, collected as mixed construction waste	kg	0.01	0.01	0.05
Recovery system, for re-use	kg	0.00	0.00	0.00
Recovery system, for recycling	kg	0.96	0.96	5.07
Recovery system, for energy recovery	kg	0.01	0.01	0.00
Disposal	kg	0.03	0.03	0.16

The 100% scenarios differ from the current average recovery shown here (in background report C3.4). The evaluation of each scenario is described in the background report.

Since this is a single scenario, the results are shown in the summary table.

C4 Disposal		
No.	**Scenario**	**Description**
C4	**Disposal**	**The non-recordable amounts and losses within the re-use/recycling chain (C1 and C3) are modelled as "disposed" (EU-28).**

The 100% scenarios differ from the current average recovery shown here (in background report C4.4). The evaluation of each scenario is described in the background report.

The consumption in scenario C4 results from physical pre-treatment, waste recycling and management of the disposal site. The benefits obtained here from the substitution of primary material production are allocated to Module D, e.g. electricity and heat from waste incineration.

Since this is a single scenario, the results are shown in the summary table.

D Benefits and loads from beyond the system boundaries		
No.	**Scenario**	**Description**
D	**Recycling potential**	• **Stainless steel scrap from C3 excluding the scrap used in A3 replaces 100% of stainless steel;** • **Steel scrap from C3 excluding the scrap used in A3 replaces 100% of steel;** • **Plastic recyclate from C3 excluding the plastics used in A3 replaces 60% of tetrafluoroethylene;** • **Brass scrap from C3 excluding the scrap used in A4 replaces 100% of brass;** • **Benefits from incineration plant: Electricity replaces electricity mix (GLO), thermal energy replaces thermal energy from natural gas (RoW).**

The values in Module D result from recycling of the packaging material in Module A5 and from deconstruction at the end of service life.

The 100% scenarios differ from the current average recovery shown here (in background report D4). The evaluation of each scenario is described in the background report.

Since this is a single scenario, the results are shown in the summary table.

Annex B

Conversion table of unit weights

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
252184	Prestabo LF	Prestabo with thread	1111LF Adapter with SC 15x1/2 7 H 9	Adapter with SC	1111LF	15 X 1/2	714932	51,8	0,0518
252194	Prestabo LF	Prestabo with thread	1111LF Adapter with SC 18x1/2 7 H 9	Adapter with SC	1111LF	18 X 1/2	714949	47,5	0,0475
252224	Prestabo LF	Prestabo with thread	1111LF Adapter with SC 22x1/2 7 H 9	Adapter with SC	1111LF	22 X 1/2	714987	64,6	0,0646
252234	Prestabo LF	Prestabo with thread	1111LF Adapter with SC 22x3/4 7 H 9	Adapter with SC	1111LF	22 X 3/4	714994	63,5	0,0635
252244	Prestabo LF	Prestabo with thread	1111LF Adapter with SC 28x1 7 H 9	Adapter with SC	1111LF	28 X 1	715007	112,2	0,1122
252254	Prestabo LF	Prestabo with thread	1111LF Adapter with SC 28x3/4 7 H 9	Adapter with SC	1111LF	28 X 3/4	715014	88,7	0,0887
252264	Prestabo LF	Prestabo with thread	1111LF Adapter with SC 35x1 7 H 9	Adapter with SC	1111LF	35 X 1	715021	238,9	0,2389
252274	Prestabo LF	Prestabo with thread	1111LF Adapter with SC 35x11/4 7 H 9	Adapter with SC	1111LF	35 X 11/4	715038	215	0,215
252284	Prestabo LF	Prestabo with thread	1111LF Adapter with SC 42x11/2 7 H 9	Adapter with SC	1111LF	42 X 11/2	715045	309,1	0,3091
252294	Prestabo LF	Prestabo with thread	1111LF Adapter with SC 54x2 7 H 9	Adapter with SC	1111LF	54 X 2	715052	460,2	0,4602
252314	Prestabo LF	Prestabo XL	1111LF Adapter with SC 64,0x21/2 7 H 9	Adapter with SC	1111LF	64,0 X 2 1/2	715069	936,9	0,9369
252324	Prestabo LF	Prestabo XL	1111LF Adapter with SC 76,1x21/2 7 H 9	Adapter with SC	1111LF	76,1 X 2 1/2	715076	861,7	0,8617
252354	Prestabo LF	Prestabo with thread	1112LF Adapter with SC 15x1/2 7 H 9	Adapter with SC	1112LF	15 X 1/2	715106	40	0,04
252364	Prestabo LF	Prestabo with thread	1112LF Adapter with SC 18x1/2 7 H 9	Adapter with SC	1112LF	18 X 1/2	715113	61,36	0,06136
252384	Prestabo LF	Prestabo with thread	1112LF Adapter with SC 22x1/2 7 H 9	Adapter with SC	1112LF	22 X 1/2	715137	66,6	0,0666
252394	Prestabo LF	Prestabo with thread	1112LF Adapter with SC 22x3/4 7 H 9	Adapter with SC	1112LF	22 X 3/4	715144	71,3	0,0713
252404	Prestabo LF	Prestabo with thread	1112LF Adapter with SC 28x1 7 H 9	Adapter with SC	1112LF	28 X 1	715151	110,7	0,1107
252414	Prestabo LF	Prestabo with thread	1112LF Adapter with SC 28x3/4 7 H 9	Adapter with SC	1112LF	28 X 3/4	715168	132,8	0,1328
252424	Prestabo LF	Prestabo with thread	1112LF Adapter with SC 35x11/4 7 H 9	Adapter with SC	1112LF	35 X 11/4	715175	169,5	0,1695
252434	Prestabo LF	Prestabo with thread	1112LF Adapter with SC 42x11/4 7 H 9	Adapter with SC	1112LF	42 X 11/4	715182	310,9	0,3109
252444	Prestabo LF	Prestabo with thread	1112LF Adapter with SC 54x2 7 H 9	Adapter with SC	1112LF	54 X 2	715199	368	0,368
252454	Prestabo LF	Prestabo without thread	11151LFReducer with SC 18x15 7 H 9	Reducer with SC	11151LF	18 X 15	715205	33,8	0,0338
252474	Prestabo LF	Prestabo without thread	11151LFReducer with SC 22x18 7 H 9	Reducer with SC	11151LF	22 X 18	715229	42	0,042
252494	Prestabo LF	Prestabo without thread	11151LFReducer with SC 28x18 7 H 9	Reducer with SC	11151LF	28 X 18	715243	52,1	0,0521
252504	Prestabo LF	Prestabo without thread	11151LFReducer with SC 28x22 7 H 9	Reducer with SC	11151LF	28 X 22	715250	60,85	0,06085
252524	Prestabo LF	Prestabo without thread	11151LFReducer with SC 35x28 7 H 9	Reducer with SC	11151LF	35 X 28	715274	81,16	0,08116

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
252534	Prestabo LF	Prestabo without thread	11151LFReducer with SC 42x22 7 H 9	Reducer with SC	11151LF	42 X 22	715281	128,1	0,1281
252544	Prestabo LF	Prestabo without thread	11151LFReducer with SC 42x28 7 H 9	Reducer with SC	11151LF	42 X 28	715298	106,2	0,1062
252554	Prestabo LF	Prestabo without thread	11151LFReducer with SC 42x35 7 H 9	Reducer with SC	11151LF	42 X 35	715304	116,3	0,1163
252564	Prestabo LF	Prestabo without thread	11151LFReducer with SC 54x28 7 H 9	Reducer with SC	11151LF	54 X 28	715311	196,8	0,1968
252584	Prestabo LF	Prestabo without thread	11151LFReducer with SC 54x42 7 H 9	Reducer with SC	11151LF	54 X 42	715335	225,7	0,2257
252594	Prestabo LF	Prestabo XL	11151LFReducer with SC 64,0x54 7 H 9	Reducer with SC	11151LF	64,0 X 54	715342	330	0,33
254074	Prestabo LF	Prestabo XL	1118LF Tee with SC 76,1x28x76,1 7 H 9	Tee with SC	1118LF	76,1 X 28 X 76,1	715397	735	0,735
254124	Prestabo LF	Prestabo XL	1118LF Tee with SC 88,9x28x88,9 7 H 9	Tee with SC	1118LF	88,9 X 28 X 88,9	715441	845,5	0,8455
254154	Prestabo LF	Prestabo XL	11151LFReducer with SC 88,9x54 7 H 9	Reducer with SC	11151LF	88,9 X 54	715489	499,2	0,4992
254184	Prestabo LF	Prestabo XL	11151LFReducer with SC 108,0x54 7 H 9	Reducer with SC	11151LF	108,0 X 54	715519	661,5	0,6615
254224	Prestabo LF	Prestabo without thread	11155LFSliding coupling with SC 15 7 H 9	Sliding coupling with SC	11155LF	15	715557	53,7	0,0537
254244	Prestabo LF	Prestabo without thread	11155LFSliding coupling with SC 22 7 H 9	Sliding coupling with SC	11155LF	22	715571	83	0,083
254284	Prestabo LF	Prestabo without thread	11155LFSliding coupling with SC 54 7 H 9	Sliding coupling with SC	11155LF	54	715618	366,4	0,3664
254334	Prestabo LF	Prestabo without thread	1115LF Coupling with SC 15 7 H 9	Coupling with SC	1115LF	15	715663	34,15	0,03415
254344	Prestabo LF	Prestabo without thread	1115LF Coupling with SC 18 7 H 9	Coupling with SC	1115LF	18	715670	40,65	0,04065
254354	Prestabo LF	Prestabo without thread	1115LF Coupling with SC 22 7 H 9	Coupling with SC	1115LF	22	715687	58,1	0,0581
254364	Prestabo LF	Prestabo without thread	1115LF Coupling with SC 28 7 H 9	Coupling with SC	1115LF	28	715694	74	0,074
254374	Prestabo LF	Prestabo without thread	1115LF Coupling with SC 35 7 H 9	Coupling with SC	1115LF	35	715700	97,2	0,0972
254384	Prestabo LF	Prestabo without thread	1115LF Coupling with SC 42 7 H 9	Coupling with SC	1115LF	42	715717	177,5	0,1775
254394	Prestabo LF	Prestabo without thread	1115LF Coupling with SC 54 7 H 9	Coupling with SC	1115LF	54	715724	254,8	0,2548
254414	Prestabo LF	Prestabo XL	1115LF Coupling with SC 76,1 7 H 9	Coupling with SC	1115LF	76,1	715748	615,8	0,6158
254424	Prestabo LF	Prestabo XL	1115LF Coupling with SC 88,9 7 H 9	Coupling with SC	1115LF	88,9	715755	701,3	0,7013
254444	Prestabo LF	Prestabo without thread	11161LFElbow 90°with SC 15 7 H 9	Elbow 90°with SC	11161LF	15	715779	38,07	0,03807
254454	Prestabo LF	Prestabo without thread	11161LFElbow 90°with SC 18 7 H 9	Elbow 90°with SC	11161LF	18	715786	47,12	0,04712
254464	Prestabo LF	Prestabo without thread	11161LFElbow 90°with SC 22 7 H 9	Elbow 90°with SC	11161LF	22	715793	72,7	0,0727
254474	Prestabo LF	Prestabo without thread	11161LFElbow 90°with SC 28 7 H 9	Elbow 90°with SC	11161LF	28	715809	108,8	0,1088
254484	Prestabo LF	Prestabo without thread	11161LFElbow 90°with SC 35 7 H 9	Elbow 90°with SC	11161LF	35	715816	142,2	0,1422
254494	Prestabo LF	Prestabo without thread	11161LFElbow 90°with SC 42 7 H 9	Elbow 90°with SC	11161LF	42	715823	299,1	0,2991
254504	Prestabo LF	Prestabo without thread	11161LFElbow 90°with SC 54 7 H 9	Elbow 90°with SC	11161LF	54	715830	436,2	0,4362

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
254534	Prestabo LF	Prestabo XL	11161LFElbow 90°with SC 88,9 7 H 9	Elbow 90°with SC	11161LF	88,9	715861	1294,7	1,2947
254554	Prestabo LF	Prestabo XL	1118LF Tee with SC 88,9x35x88,9 7 H 9	Tee with SC	1118LF	88,9 X 35 X 88,9	715885	880	0,88
254574	Prestabo LF	Prestabo XL	1118LF Tee with SC 88,9x54x88,9 7 H 9	Tee with SC	1118LF	88,9 X 54 X 88,9	715908	1035,3	1,0353
254674	Prestabo LF	Prestabo without thread	11261LFElbow 45°with SC 15 7 H 9	Elbow 45°with SC	11261LF	15	716004	38,2	0,0382
254684	Prestabo LF	Prestabo without thread	11261LFElbow 45°with SC 18 7 H 9	Elbow 45°with SC	11261LF	18	716011	52,26	0,05226
254694	Prestabo LF	Prestabo without thread	11261LFElbow 45°with SC 22 7 H 9	Elbow 45°with SC	11261LF	22	716028	78,5	0,0785
254704	Prestabo LF	Prestabo without thread	11261LFElbow 45°with SC 28 7 H 9	Elbow 45°with SC	11261LF	28	716035	83,92	0,08392
254714	Prestabo LF	Prestabo without thread	11261LFElbow 45°with SC 35 7 H 9	Elbow 45°with SC	11261LF	35	716042	116,4	0,1164
254734	Prestabo LF	Prestabo without thread	1116LF Elbow 90°with SC 15 7 H 9	Elbow 90°with SC	1116LF	15	716066	42,5	0,0425
254744	Prestabo LF	Prestabo without thread	11261LFElbow 45°with SC 54 7 H 9	Elbow 45°with SC	11261LF	54	716073	324,8	0,3248
254754	Prestabo LF	Prestabo without thread	1116LF Elbow 90°with SC 18 7 H 9	Elbow 90°with SC	1116LF	18	716080	50,2	0,0502
254784	Prestabo LF	Prestabo XL	11261LFElbow 45°wit h SC 88,9 7 H 9	Elbow 45°with SC	11261LF	88, 9	716110	967,9	0,9679
254794	Prestabo LF	Prestabo without thread	1116LF Elbow 90°with SC 22 7 H 9	Elbow 90°with SC	1116LF	22	716127	80,02	0,08002
254804	Prestabo LF	Prestabo XL	11261LFElbow 45°wit h SC 108,0 7 H 9	Elbow 45°with SC	11261LF	108 ,0	716134	1330,4	1,3304
254814	Prestabo LF	Prestabo without thread	1126LF Elbow 45°with SC 15 7 H 9	Elbow 45°with SC	1126LF	15	716141	40,15	0,04015
254824	Prestabo LF	Prestabo without thread	1126LF Elbow 45°with SC 18 7 H 9	Elbow 45°with SC	1126LF	18	716158	42,73	0,04273
254834	Prestabo LF	Prestabo without thread	1116LF Elbow 90°with SC 28 7 H 9	Elbow 90°with SC	1116LF	28	716165	113,8	0,1138
254844	Prestabo LF	Prestabo without thread	1126LF Elbow 45°with SC 22 7 H 9	Elbow 45°with SC	1126LF	22	716172	65	0,065
254854	Prestabo LF	Prestabo without thread	1116LF Elbow 90°with SC 35 7 H 9	Elbow 90°with SC	1116LF	35	716189	142,5	0,1425
254864	Prestabo LF	Prestabo without thread	1126LF Elbow 45°with SC 28 7 H 9	Elbow 45°with SC	1126LF	28	716196	88,8	0,0888
254874	Prestabo LF	Prestabo without thread	1116LF Elbow 90°with SC 42 7 H 9	Elbow 90°with SC	1116LF	42	716202	308,2	0,3082
254884	Prestabo LF	Prestabo without thread	1126LF Elbow 45°with SC 35 7 H 9	Elbow 45°with SC	1126LF	35	716219	124,58	0,12458
254894	Prestabo LF	Prestabo without thread	1116LF Elbow 90°with SC 54 7 H 9	Elbow 90°with SC	1116LF	54	716226	454,1	0,4541
254914	Prestabo LF	Prestabo XL	1116LF Elbow 90°wit h SC 64,0 7 H 9	Elbow 90°with SC	1116LF	64,0	716240	804,9	0,8049
254954	Prestabo LF	Prestabo XL	1126LF Elbow 45°with SC 88,9 7 H 9	Elbow 45°with SC	1126LF	88,9	716288	1020,6	1,0206
255114	Prestabo LF	Prestabo without thread	1156LF Cap with SC 15 7 H 9	Cap with SC	1156LF	15	716301	21,7	0,0217
255134	Prestabo LF	Prestabo XL	1116LF Elbow 90°with SC 88,9 7 H 9	Elbow 90°with SC	1116LF	88,9	716325	1357,8	1,3578
255154	Prestabo LF	Prestabo with thread	11172LFTee with SC 15x1/2x15 7 H 9	Tee with SC	11172LF	15 X 1/2 X 15	716349	74,2	0,0742
255194	Prestabo LF	Prestabo with thread	11172LFTee with SC 28x1/2x28 7 H 9	Tee with SC	11172LF	28 X 1/2 X 28	716394	126,2	0,1262

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
255204	Prestabo LF	Prestabo with thread	11172LFTee with SC 35x1/2x35 7 H 9	Tee with SC	11172LF	35 X 1/2 X 35	716400	152,5	0,1525
255214	Prestabo LF	Prestabo with thread	11172LFTee with SC 42x1/2x42 7 H 9	Tee with SC	11172LF	42 X 1/2 X 42	716417	256,2	0,2562
255224	Prestabo LF	Prestabo with thread	11172LFTee with SC 54x1/2x54 7 H 9	Tee with SC	11172LF	54 X 1/2 X 54	716424	329,7	0,3297
255254	Prestabo LF	Prestabo XL	11172LFTee with SC 88,9x3/4x88,9 7 H 9	Tee with SC	11172LF	88,9 X 3/4 X 88,9	716455	841,6	0,8416
255264	Prestabo LF	Prestabo XL	11172LFTee with SC 108,0x3/4x108,7 H 9	Tee with SC	11172LF	108,0X3/4X108,0	716462	1141,5	1,1415
255274	Prestabo LF	Prestabo without thread	1118LF Tee with SC 15 7 H 9	Tee with SC	1118LF	15	716479	64,95	0,06495
255284	Prestabo LF	Prestabo without thread	1118LF Tee with SC 18 7 H 9	Tee with SC	1118LF	18	716486	80,71	0,08071
255294	Prestabo LF	Prestabo without thread	1118LF Tee with SC 22 7 H 9	Tee with SC	1118LF	22	716493	118,56	0,11856
255374	Prestabo LF	Prestabo without thread	1118LF Tee with SC 28 7 H 9	Tee with SC	1118LF	28	716509	157,3	0,1573
255394	Prestabo LF	Prestabo without thread	1118LF Tee with SC 42 7 H 9	Tee with SC	1118LF	42	716523	363,8	0,3638
255424	Prestabo LF	Prestabo XL	1118LF Tee with SC 76,1 7 H 9	Tee with SC	1118LF	76,1	716554	1133	1,133
255434	Prestabo LF	Prestabo XL	1118LF Tee with SC 88,9 7 H 9	Tee with SC	1118LF	88,9	716561	1365,2	1,3652
255454	Prestabo LF	Prestabo without thread	1118LF Tee with SC 18x15x18 7 H 9	Tee with SC	1118LF	18 X 15 X 18	716585	77	0,077
255494	Prestabo LF	Prestabo without thread	1118LF Tee with SC 28x15x28 7 H 9	Tee with SC	1118LF	28 X 15 X 28	716615	122,6	0,1226
255504	Prestabo LF	Prestabo without thread	1118LF Tee with SC 28x18x28 7 H 9	Tee with SC	1118LF	28 X 18 X 28	716622	126,52	0,12652
255514	Prestabo LF	Prestabo without thread	1118LF Tee with SC 28x22x28 7 H 9	Tee with SC	1118LF	28 X 22 X 28	716639	141,22	0,14122
255524	Prestabo LF	Prestabo without thread	1118LF Tee with SC 35x18x35 7 H 9	Tee with SC	1118LF	35 X 18 X 35	716646	152,7	0,1527
255534	Prestabo LF	Prestabo without thread	1118LF Tee with SC 35x22x35 7 H 9	Tee with SC	1118LF	35 X 22 X 35	716653	167,4	0,1674
255544	Prestabo LF	Prestabo without thread	1118LF Tee with SC 35x28x35 7 H 9	Tee with SC	1118LF	35 X 28 X 35	716660	187	0,187
255604	Prestabo LF	Prestabo without thread	1118LF Tee with SC 42x18x42 7 H 9	Tee with SC	1118LF	42 X 18 X 42	716677	259,4	0,2594
255614	Prestabo LF	Prestabo without thread	1118LF Tee with SC 42x22x42 7 H 9	Tee with SC	1118LF	42 X 22 X 42	716684	268,5	0,2685
255624	Prestabo LF	Prestabo without thread	1118LF Tee with SC 42x28x42 7 H 9	Tee with SC	1118LF	42 X 28 X 42	716691	296,7	0,2967
255634	Prestabo LF	Prestabo without thread	1118LF Tee with SC 42x35x42 7 H 9	Tee with SC	1118LF	42 X 35 X 42	716707	300,2	0,3002
255644	Prestabo LF	Prestabo without thread	1118LF Tee with SC 54x22x54 7 H 9	Tee with SC	1118LF	54 X 22 X 54	716714	338,7	0,3387
255654	Prestabo LF	Prestabo without thread	1118LF Tee with SC 54x28x54 7 H 9	Tee with SC	1118LF	54 X 28 X 54	716721	359	0,359
255664	Prestabo LF	Prestabo without thread	1118LF Tee with SC 54x35x54 7 H 9	Tee with SC	1118LF	54 X 35 X 54	716738	383,1	0,3831
255684	Prestabo LF	Prestabo without thread	1156LF Cap with SC 18 7 H 9	Cap with SC	1156LF	18	716752	26,3	0,0263
255694	Prestabo LF	Prestabo without thread	1156LF Cap with SC 22 7 H 9	Cap with SC	1156LF	22	716769	36,3	0,0363
255704	Prestabo LF	Prestabo without thread	1156LF Cap with SC 28 7 H 9	Cap with SC	1156LF	28	716776	48	0,048

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
255714	Prestabo LF	Prestabo without thread	1156LF Cap with SC 35 7 H 9	Cap with SC	1156LF	35	716783	64	0,064
255724	Prestabo LF	Prestabo without thread	1156LF Cap with SC 42 7 H 9	Cap with SC	1156LF	42	716790	125,7	0,1257
255734	Prestabo LF	Prestabo without thread	1156LF Cap with SC 54 7 H 9	Cap with SC	1156LF	54	716806	169	0,169
255744	Prestabo LF	Prestabo XL	1156LF Cap with SC 64,0x3/4 7 H 9	Cap with SC	1156LF	64,0 X 3/4	716813	370,8	0,3708
255754	Prestabo LF	Prestabo XL	1156LF Cap with SC 76,1x3/4 7 H 9	Cap with SC	1156LF	76,1 X 3/4	716820	480,3	0,4803
255784	Prestabo LF	Prestabo without thread	1159LF Flange adapter with SC 35(DN32) 7 H 9	Flange adapter with SC	1159LF	35 (DN32)	716851	1864	1,864
255794	Prestabo LF	Prestabo without thread	1159LF Flange adapter with SC 42(DN40) 7 H 9	Flange adapter with SC	1159LF	42(DN40)	716868	2187,1	2,1871
255804	Prestabo LF	Prestabo without thread	1159LF Flange adapter with SC 54(DN50) 7 H 9	Flange adapter with SC	1159LF	54(DN50)	716875	2627,8	2,6278
255834	Prestabo LF	Prestabo XL	1159LF Flange adapter with SC 88,9(DN80)7 H 9	Flange adapter with SC	1159LF	88,9(DN80)	716905	3877	3,877
255844	Prestabo LF	Prestabo XL	1159LF Flange adapter with SC 108,0(DN107 H 9	Flange adapter with SC	1159LF	108,0(DN100)	716912	4582	4,582
255864	Prestabo LF	Prestabo with thread	1160LF Union with SC 18 7 H 9	Union with SC	1160LF	18	716936	149	0,149
255884	Prestabo LF	Prestabo with thread	1160LF Union with SC 28 7 H 9	Union with SC	1160LF	28	716950	379,4	0,3794
255924	Prestabo LF	Prestabo with thread	1163LF Union with SC 15x3/4 7 H 9	Union with SC	1163LF	15 X 3/4	716998	65,44	0,06544
255934	Prestabo LF	Prestabo with thread	1163LF Union with SC 18x3/4 7 H 9	Union with SC	1163LF	18 X 3/4	717001	66,52	0,06652
255954	Prestabo LF	Prestabo with thread	1163LF Union with SC 22x3/4 7 H 9	Union with SC	1163LF	22 X 3/4	717032	81,2	0,0812
255964	Prestabo LF	Prestabo with thread	1163LF Union with SC 28x11/4 7 H 9	Union with SC	1163LF	28 X 11/4	717049	148	0,148
256024	Prestabo LF	Prestabo with thread	1165LF Union with SC 15x1/2 7 H 9	Union with SC	1165LF	15 X 1/2	717100	127,88	0,12788
256034	Prestabo LF	Prestabo with thread	1165LF Union with SC 22x3/4 7 H 9	Union with SC	1165LF	22 X 3/4	717117	149,72	0,14972
256054	Prestabo LF	Prestabo with thread	1165LF Union with SC 35x11/4 7 H 9	Union with SC	1165LF	35 X 11/4	717131	419,68	0,41968
256074	Prestabo LF	Prestabo with thread	1165LF Union with SC 54x2 7 H 9	Union with SC	1165LF	54 X 2	717155	1055,8	1,0558
312904	Prestabo	Prestabo with thread	11172 Tee with SC 28x1x28 7 H 9	Tee with SC	11172	28 X 1 X 28	688134	168	0,168
316214	Prestabo	Prestabo without thread	1115 Coupling with SC 12 7 H 9	Coupling with SC	1115	12	604424	22,7	0,0227
316224	Prestabo	Prestabo without thread	11155 Sliding coupling with SC 12 7 H 9	Sliding coupling with SC	11155	12	604431	39,33	0,03933
316234	Prestabo	Prestabo without thread	1126 Elbow 45°with SC 12 7 H 9	Elbow 45°with SC	11 26	12	604448	24,9	0,0249
316244	Prestabo	Prestabo without thread	11261 Elbow 45°with SC 12 7 H 9	Elbow 45°with SC	11261	12	605155	21,2	0,0212
316254	Prestabo	Prestabo without thread	1116 Elbow 90°with SC 12 7 H 9	Elbow 90°with SC	11 16	12	605162	28,5	0,0285
316264	Prestabo	Prestabo without thread	11161 Elbow 90°with SC 12 7 H 9	Elbow 90°with SC	11161	12	605179	25,6	0,0256
316274	Prestabo	Prestabo without thread	11093 Crossover 12 7 H 9	Crossover	11093	12	605186	57,3	0,0573
316284	Prestabo	Prestabo without thread	1118 Tee with SC 12 7 H 9	Tee with SC	1118	12	605193	52,7	0,0527

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
316294	Prestabo	Prestabo without thread	1118 Tee with SC 15x12x15 7 H 9	Tee with SC	1118	15 X 12 X 15	605209	62	0,062
316304	Prestabo	Prestabo without thread	1118 Tee with SC 12x15x12 7 H 9	Tee with SC	1118	12 X 15 X 12	605216	58,1	0,0581
316324	Prestabo	Prestabo with thread	11172 Tee with SC 12x1/2x12 7 H 9	Tee with SC	11172	12 X 1/2 X 12	605230	80,4	0,0804
316334	Prestabo	Prestabo with thread	1111 Adapter with SC 12x3/8 7 H 9	Adapter with SC	1111	12 X 3/8	605247	36	0,036
316344	Prestabo	Prestabo with thread	1112 Adapter with SC 12x1/2 7 H 9	Adapter with SC	1112	12 X 1/2	605254	38,4	0,0384
316354	Prestabo	Prestabo with thread	11111 Plug-in piece 12x3/8 7 H 9	Plug-in piece	11111	12 X 3/8	605261	36	0,036
316364	Prestabo	Prestabo with thread	11111 Plug-in piece 12x1/2 7 H 9	Plug-in piece	11111	12 X 1/2	605278	45	0,045
316404	Prestabo	Prestabo without thread	11151 Reducer with SC 15x12 7 H 9	Reducer with SC	11151	15 X 12	605315	25,4	0,0254
316414	Prestabo	Prestabo without thread	11151 Reducer with SC 18x12 7 H 9	Reducer with SC	11151	18 X 12	605322	28,2	0,0282
316424	Prestabo	Prestabo without thread	11151 Reducer with SC 22x12 7 H 9	Reducer with SC	11151	22 X 12	605339	31	0,031
316434	Prestabo	Prestabo with thread	1114 Elbow with SC 12x3/8 7 H 9	Elbow with SC	1114	12 X 3/8	605346	45	0,045
316444	Prestabo	Prestabo with thread	11145 Elbow with SC 12x3/8 7 H 9	Elbow with SC	11145	12 X 3/8	605353	49	0,049
316454	Prestabo	Prestabo with thread	11141 Elbow with SC 12x3/8 7 H 9	Elbow with SC	11141	12 X 3/8	605360	77	0,077
330844	Prestabo	Prestabo XL	1111XL Adapter with SC 64,0x2 7 H 9	Adapter with SC	1111XL	64,0 X 2	629953	470	0,47
330854	Prestabo	Prestabo XL	1111XL Adapter with SC 64,0x21/2 7 H 9	Adapter with SC	1111XL	64,0 X 2 1/2	629960	945	0,945
330864	Prestabo	Prestabo XL	1111XL Adapter with SC 76,1x21/2 7 H 9	Adapter with SC	1111XL	76,1 X 2 1/2	629977	886,9	0,8869
330874	Prestabo	Prestabo XL	1111XL Adapter with SC 88,9x3 7 H 9	Adapter with SC	1111XL	88,9 X 3	629984	1045	1,045
330884	Prestabo	Prestabo XL	1111XL Adapter with SC 108,0x4 7 H 9	Adapter with SC	1111XL	108,0 X 4	629991	1592	1,592
330894	Prestabo	Prestabo XL	1112XL Adapter with SC 64,0x2 7 H 9	Adapter with SC	1112XL	64,0 X 2	630003	417,5	0,4175
330964	Prestabo	Prestabo XL	1112XL Adapter with SC 64,0x21/2 7 H 9	Adapter with SC	1112XL	64,0 X 2 1/2	630010	636	0,636
330974	Prestabo	Prestabo XL	1112XL Adapter with SC 108,0x4 7 H 9	Adapter with SC	1112XL	108,0 X 4	630027	1470	1,47
330984	Prestabo	Prestabo XL	1112XL Adapter with SC 76,1x21/2 7 H 9	Adapter with SC	1112XL	76,1 X 2 1/2	630034	675	0,675
330994	Prestabo	Prestabo XL	1112XL Adapter with SC 88,9x3 7 H 9	Adapter with SC	1112XL	88,9 X 3	630041	1187	1,187
334234	Prestabo	Prestabo-pipe	1103XL Prestabo-pipe 64,0x2,0(60) 7 H 9	Prestabo-pipe	1103XL	64,0 X 2,0 (60)	598327	3058	0,792
334244	Prestabo	Prestabo-pipe	1103XL Prestabo-pipe 64,0x2,0(6) 7 H 9	Prestabo-pipe	1103XL	64,0 X 2,0 (6)	806897	3061	1,075
334254	Prestabo	Prestabo-pipe	1103XL Prestabo-pipe 76,1x2,0(30) 7 H 9	Prestabo-pipe	1103XL	76,1 X 2,0 (30)	598334	3655	1,366
334264	Prestabo	Prestabo-pipe	1103XL Prestabo-pipe 76,1x2,0(6) 7 H 9	Prestabo-pipe	1103XL	76,1 X 2,0 (6)	806903	3655	1,969
334274	Prestabo	Prestabo-pipe	1103XL Prestabo-pipe 88,9x2,0(30) 7 H 9	Prestabo-pipe	1103XL	88,9 X 2,0 (30)	598341	4286	0,621
334284	Prestabo	Prestabo-pipe	1103XL Prestabo-pipe 88,9x2,0(6) 7 H 9	Prestabo-pipe	1103XL	88,9 X 2,0 (6)	806910	4295	0,824

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
334294	Prestabo	Prestabo-pipe	1103XL Prestabo-pipe 108,0x2,0(30) 7 H 9	Prestabo-pipe	1103XL	108,0 X 2,0 (30)	598358	5228	1,02
334304	Prestabo	Prestabo-pipe	1103XL Prestabo-pipe 108,0x2,0(6) 7 H 9	Prestabo-pipe	1103XL	108,0 X 2,0 (6)	806880	5200	1,438
334314	Prestabo	Prestabo XL	1116XL Elbow 90°with SC 64,0 7 H 9	Elbow 90°with SC	1116XL	64,0	597573	792	0,738
334324	Prestabo	Prestabo XL	1116XL Elbow 90°with S C 76,1 7 H 9	Elbow 90°with SC	1116XL	76,1	59 7566	1075	1,02
334334	Prestabo	Prestabo XL	1116XL Elbow 90°with SC 88,9 7 H 9	Elbow 90°with SC	1116XL	88,9	597580	1366	1,253
334344	Prestabo	Prestabo XL	1116XL Elbow 90°with S C 108,0 7 H 9	Elbow 90°with SC	1116XL	108,0	5 97597	1969	1,825
334354	Prestabo	Prestabo XL	1126XL Elbow 45°with SC 64,0 7 H 9	Elbow 45°with SC	1126XL	64,0	597603	621	0,567
334364	Prestabo	Prestabo XL	1126XL Elbow 45°with S C 76,1 7 H 9	Elbow 45°with SC	1126XL	76,1	59 7610	824	0,77
334374	Prestabo	Prestabo XL	1126XL Elbow 45°with SC 88,9 7 H 9	Elbow 45°with SC	1126XL	88,9	597627	1020	0,958
334384	Prestabo	Prestabo XL	1126XL Elbow 45°with S C 108,0 7 H 9	Elbow 45°with SC	1126XL	108,0	5 97634	1438	1,307
334394	Prestabo	Prestabo XL	11161XLElbow 90°with SC 64,0 7 H 9	Elbow 90°with SC	11161XL	64,0	597641	738	0,47
334404	Prestabo	Prestabo XL	11161XLElbow 90°with S C 76,1 7 H 9	Elbow 90°with SC	11161XL	76,1	5 97658	1020	0,59
334414	Prestabo	Prestabo XL	11161XLElbow 90°with SC 88,9 7 H 9	Elbow 90°with SC	11161XL	88,9	597665	1253	0,692
334424	Prestabo	Prestabo XL	11161XLElbow 90°with S C 108,0 7 H 9	Elbow 90°with SC	11161XL	108,0	597672	1825	0,966
334434	Prestabo	Prestabo XL	11261XLElbow 45°with SC 64,0 7 H 9	Elbow 45°with SC	11261XL	64,0	597689	567	0,47
334444	Prestabo	Prestabo XL	11261XLElbow 45°with S C 76,1 7 H 9	Elbow 45°with SC	11261XL	76,1	5 97696	770	0,607
334454	Prestabo	Prestabo XL	11261XLElbow 45°with SC 88,9 7 H 9	Elbow 45°with SC	11261XL	88,9	597702	958	0,687
334464	Prestabo	Prestabo XL	11261XLElbow 45°with S C 108,0 7 H 9	Elbow 45°with SC	11261XL	108,0	597719	1307	0,968
334474	Prestabo	Prestabo XL	1115XL Coupling with SC 64,0 7 H 9	Coupling with SC	1115XL	64,0	597726	470	0,884
334484	Prestabo	Prestabo XL	1115XL Coupling with SC 76,1 7 H 9	Coupling with SC	1115XL	76,1	597733	590	1,15
334494	Prestabo	Prestabo XL	1115XL Coupling with SC 88,9 7 H 9	Coupling with SC	1115XL	88,9	597740	692	1,365
334504	Prestabo	Prestabo XL	1115XL Coupling with SC 108,0 7 H 9	Coupling with SC	1115XL	108,0	597757	966	1,91
334514	Prestabo	Prestabo XL	11155XLSliding coupling with SC 64,0 7 H 9	Sliding coupling with SC	11155XL	64,0	597764	470	0,589
334524	Prestabo	Prestabo XL	11155XLSliding coupling with SC 76,1 7 H 9	Sliding coupling with SC	11155XL	76,1	597771	607	0,622
334534	Prestabo	Prestabo XL	11155XLSliding coupling with SC 88,9 7 H 9	Sliding coupling with SC	11155XL	88,9	597788	687	0,691
334544	Prestabo	Prestabo XL	11155XLSliding coupling with SC 108,0 7 H 9	Sliding coupling with SC	11155XL	108,0	597795	968	0,755
334554	Prestabo	Prestabo XL	1118XL Tee with SC 64,0 7 H 9	Tee with SC	1118XL	64,0	597801	884	0,741
334564	Prestabo	Prestabo XL	1118XL Tee with SC 76,1 7 H 9	Tee with SC	1118XL	76,1	597818	1150	0,774
334574	Prestabo	Prestabo XL	1118XL Tee with SC 88,9 7 H 9	Tee with SC	1118XL	88,9	597825	1365	0,845

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
334584	Prestabo	Prestabo XL	1118XL Tee with SC 108,0 7 H 9	Tee with SC	1118XL	108,0	597832	1910	0,9013
334594	Prestabo	Prestabo XL	1118XL Tee with SC 64,0x28x64,0 7 H 9	Tee with SC	1118XL	64,0 X 28 X 64,0	597849	589	1,077
334604	Prestabo	Prestabo XL	1118XL Tee with SC 64,0x35x64,0 7 H 9	Tee with SC	1118XL	64,0 X 35 X 64,0	597856	622	0,845
334614	Prestabo	Prestabo XL	1118XL Tee with SC 64,0x42x64,0 7 H 9	Tee with SC	1118XL	64,0 X 42 X 64,0	597863	691	0,881
334624	Prestabo	Prestabo XL	1118XL Tee with SC 64,0x54x64,0 7 H 9	Tee with SC	1118XL	64,0 X 54 X 64,0	597870	755	0,953
334634	Prestabo	Prestabo XL	1118XL Tee with SC 76,1x28x76,1 7 H 9	Tee with SC	1118XL	76,1 X 28 X 76,1	597887	741	1,036
334644	Prestabo	Prestabo XL	1118XL Tee with SC 76,1x35x76,1 7 H 9	Tee with SC	1118XL	76,1 X 35 X 76,1	597894	774	1,22
334654	Prestabo	Prestabo XL	1118XL Tee with SC 76,1x42x76,1 7 H 9	Tee with SC	1118XL	76,1 X 42 X 76,1	597900	845	1,275
334664	Prestabo	Prestabo XL	1118XL Tee with SC 76,1x54x76,1 7 H 9	Tee with SC	1118XL	76,1 X 54 X 76,1	597917	901,3	1,134
334674	Prestabo	Prestabo XL	1118XL Tee with SC 76,1x64,0x76,17 H 9	Tee with SC	1118XL	76,1 X 64,0 X 76,1	597924	1077	1,181
334684	Prestabo	Prestabo XL	1118XL Tee with SC 88,9x28x88,9 7 H 9	Tee with SC	1118XL	88,9 X 28 X 88,9	597931	845	1,263
334694	Prestabo	Prestabo XL	1118XL Tee with SC 88,9x35x88,9 7 H 9	Tee with SC	1118XL	88,9 X 35 X 88,9	597948	881	1,32
334704	Prestabo	Prestabo XL	1118XL Tee with SC 88,9x42x88,9 7 H 9	Tee with SC	1118XL	88,9 X 42 X 88,9	597955	953	1,549
334714	Prestabo	Prestabo XL	1118XL Tee with SC 88,9x54x88,9 7 H 9	Tee with SC	1118XL	88,9 X 54 X 88,9	597962	1036	1,615
334724	Prestabo	Prestabo XL	1118XL Tee with SC 88,9x64,0x88,97 H 9	Tee with SC	1118XL	88,9 X 64,0 X 88,9	597979	1220	1,694
334734	Prestabo	Prestabo XL	1118XL Tee with SC 88,9x76,1x88,97 H 9	Tee with SC	1118XL	88,9 X 76,1 X 88,9	597986	1275	0,59
334744	Prestabo	Prestabo XL	1118XL Tee with SC 108,0x28x108,07 H 9	Tee with SC	1118XL	108,0 X 28 X 108,0	597993	1134	0,737
334754	Prestabo	Prestabo XL	1118XL Tee with SC 108,0x35x108,07 H 9	Tee with SC	1118XL	108,0 X 35 X 108,0	598006	1181	0,846
334764	Prestabo	Prestabo XL	1118XL Tee with SC 108,0x42x108,07 H 9	Tee with SC	1118XL	108,0 X 42 X 108,0	598013	1263	1,122
334774	Prestabo	Prestabo XL	1118XL Tee with SC 108,0x54x108,07 H 9	Tee with SC	1118XL	108,0 X 54 X 108,0	598020	1320	0,344
334784	Prestabo	Prestabo XL	1118XL Tee with SC 108,0x64,0x1087 H 9	Tee with SC	1118XL	108,0 X64,0X 108,0	598037	1549	0,499
334794	Prestabo	Prestabo XL	1118XL Tee with SC 108,0x76,1x1087 H 9	Tee with SC	1118XL	108,0 X76,1X 108,0	598044	1615	0,419
334804	Prestabo	Prestabo XL	1118XL Tee with SC 108,0x88,9x1087 H 9	Tee with SC	1118XL	108,0 X88,9X 108,0	598051	1694	0,498
334814	Prestabo	Prestabo XL	11172XLTee with SC 64,0x3/4x64,0 7 H 9	Tee with SC	11172XL	64,0 X 3/4 X 64,0	598068	590	0,575
334824	Prestabo	Prestabo XL	11172XLTee with SC 76,1x3/4x76,1 7 H 9	Tee with SC	11172XL	76,1 X 3/4 X 76,1	598075	737	0,614
334834	Prestabo	Prestabo XL	11172XLTee with SC 88,9x3/4x88,9 7 H 9	Tee with SC	11172XL	88,9 X 3/4 X 88,9	598082	846	0,67
334844	Prestabo	Prestabo XL	11172XLTee with SC 108,0x3/4x108,7 H 9	Tee with SC	11172XL	108, 0X 3/4X 108,0	598099	1122	0,746
334854	Prestabo	Prestabo XL	11151XLReducer with SC 64,0x54 7 H 9	Reducer with SC	11151XL	64,0 X 54	598105	344	0,78

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
334864	Prestabo	Prestabo XL	11151XLReducer with SC 76,1x64,0 7 H 9	Reducer with SC	11151XL	76,1 X 64,0	598112	499	0,786
334874	Prestabo	Prestabo XL	11151XLReducer with SC 76,1x54 7 H 9	Reducer with SC	11151XL	76,1 X 54	598129	419	3,16
334884	Prestabo	Prestabo XL	11151XLReducer with SC 88,9x54 7 H 9	Reducer with SC	11151XL	88,9 X 54	598136	498	3,027
334894	Prestabo	Prestabo XL	11151XLReducer with SC 88,9x64,0 7 H 9	Reducer with SC	11151XL	88,9 X 64,0	598143	575	3,84
334904	Prestabo	Prestabo XL	11151XLReducer with SC 88,9x76,1 7 H 9	Reducer with SC	11151XL	88,9 X 76,1	598150	614	4,45
334914	Prestabo	Prestabo XL	11151XLReducer with SC 108,0x54 7 H 9	Reducer with SC	11151XL	108,0 X 54	598167	670	0,371
334924	Prestabo	Prestabo XL	11151XLReducer with SC 108,0x64,07 H 9	Reducer with SC	11151XL	108,0 X 64,0	598174	746	0,472
334934	Prestabo	Prestabo XL	11151XLReducer with SC 108,0x76,17 H 9	Reducer with SC	11151XL	108,0 X 76,1	598181	780	0,545
334944	Prestabo	Prestabo XL	11151XLReducer with SC 108,0x88,97 H 9	Reducer with SC	11151XL	108,0 X 88,9	598198	786	0,748
334954	Prestabo	Prestabo XL	1159XL Flange adapter with SC 64,0(DN65)7 H 9	Flange adapter with SC	1159XL	64,0 (DN65)	598204	3160	0,422
334964	Prestabo	Prestabo XL	1159XL Flange adapter with SC 76,1(DN65)7 H 9	Flange adapter with SC	1159XL	76,1 (DN65)	598211	3027	0,569
334974	Prestabo	Prestabo XL	1159XL Flange adapter with SC 88,9(DN80)7 H 9	Flange adapter with SC	1159XL	88,9 (DN80)	598228	3840	0,672
334984	Prestabo	Prestabo XL	1159XL Flange adapter with SC 108,0(DN107 H 9	Flange adapter with SC	1159XL	108,0 (DN100)	598235	4450	0,946
377114	Prestabo	Prestabo XL	1156XL Cap with SC 64,0x3/4 7 H 9	Cap with SC	1156XL	64,0 X 3/4	598242	371	1,942
377124	Prestabo	Prestabo XL	1156XL Cap with SC 76,1x3/4 7 H 9	Cap with SC	1156XL	76,1 X 3/4	598259	472	1,87
377134	Prestabo	Prestabo XL	1156XL Cap with SC 88,9x3/4 7 H 9	Cap with SC	1156XL	88,9 X 3/4	598266	545	2,74
377144	Prestabo	Prestabo XL	1156XL Cap with SC 108,0x3/4 7 H 9	Cap with SC	1156XL	108,0 X 3/4	598273	748	3,26
377154	Prestabo	Prestabo XL	11571XLLong plug 64,0 7 H 9	Long plug	11571XL	64,0	598280	422	1,45
400851	Prestabo	Prestabo XL	11571XLLong plug 76,1 7 H 9	Long plug	11571XL	76,1	598297	569	0,0341
469533	Prestabo	Prestabo XL	11571XLLong plug 88,9 7 H 9	Long plug	11571XL	88,9	598303	672	3,027
469563	Prestabo	Prestabo XL	11571XLLong plug 108,0 7 H 9	Long plug	11571XL	108,0	598310	946	0,724
469573	Prestabo	Prestabo-pipe	1104 Prestabo-pipe 15x1,2(600) 7 IA9	Prestabo-pipe	1104	15 X 1,2 (600)	577117	457	0,721
469583	Prestabo	Prestabo-pipe	1104 Prestabo-pipe 15x1,2(120) 7 IA9	Prestabo-pipe	1104	15 X 1,2 (120)	806927	457	0,397
477001	Prestabo	Prestabo-pipe	1104 Prestabo-pipe 18x1,2(240) 7 IA9	Prestabo-pipe	1104	18 X 1,2 (240)	577124	563	0,0356
477011	Prestabo	Prestabo-pipe	1104 Prestabo-pipe 18x1,2(60) 7 IA9	Prestabo-pipe	1104	18 X 1,2 (60)	806934	566	0,0412
477021	Prestabo	Prestabo-pipe	1104 Prestabo-pipe 22x1,5(420) 7 IA9	Prestabo-pipe	1104	22 X 1,5 (420)	577131	795	0,0574
477031	Prestabo	Prestabo-pipe	1104 Prestabo-pipe 22x1,5(60) 7 IA9	Prestabo-pipe	1104	22 X 1,5 (60)	806941	795	0,0745
477041	Prestabo	Prestabo-pipe	1104 Prestabo-pipe 28x1,5(240) 7 IA9	Prestabo-pipe	1104	28 X 1,5 (240)	577148	1037	0,0985
477051	Prestabo	Prestabo-pipe	1104 Prestabo-pipe 28x1,5(60) 7 IA9	Prestabo-pipe	1104	28 X 1,5 (60)	806958	1037	0,1745

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
477061	Prestabo	Prestabo-pipe	1104 Prestabo-pipe 35x1,5(180) 7 IA9	Prestabo-pipe	1104	35 X 1,5 (180)	577551	1298	0,254
477071	Prestabo	Prestabo-pipe	1104 Prestabo-pipe 35x1,5(30) 7 IA9	Prestabo-pipe	1104	35 X 1,5 (30)	806965	1305	0,0477
477081	Prestabo	Prestabo-pipe	1104 Prestabo-pipe 42x1,5(120) 7 IA9	Prestabo-pipe	1104	42 X 1,5 (120)	577568	1563	0,0571
477091	Prestabo	Prestabo-pipe	1104 Prestabo-pipe 42x1,5(30) 7 IA9	Prestabo-pipe	1104	42 X 1,5 (30)	806972	1563	0,083
477101	Prestabo	Prestabo-pipe	1104 Prestabo-pipe 54x1,5(60) 7 IA9	Prestabo-pipe	1104	54 X 1,5 (60)	577575	2010	0,1165
477111	Prestabo	Prestabo-pipe	1104 Prestabo-pipe 54x1,5(30) 7 IA9	Prestabo-pipe	1104	54 X 1,5 (30)	806989	2010	0,14967
477121	Prestabo	Prestabo XL	11591XLFlange adapter with SC 64,0(DN65)7 H 9	Flange adapter with SC	11591XL	64,0 (DN65)	629939	1942	0,264
477131	Prestabo	Prestabo XL	11591XLFlange adapter with SC 76,1(DN65)7 H 9	Flange adapter with SC	11591XL	76,1 (DN65)	629946	1870	0,356
477141	Prestabo	Prestabo XL	11591XLFlange adapter with SC 88,9(DN80)7 H 9	Flange adapter with SC	11591XL	88,9 (DN80)	629915	2740	0,0402
477151	Prestabo	Prestabo XL	11591XLFlange adapter with SC 108,0(DN107 H 9	Flange adapter with SC	11591XL	108,0 (DN100)	629922	3260	0,0497
477161	Prestabo	Prestabo XL	11591XLFlange adapter with SC 64,0(DN50)7 H 9	Flange adapter with SC	11591XL	64,0 (DN50)	630058	1450	0,0794
477171	Prestabo	Prestabo without thread	1115EF Coupling with SC 15 7 H 9	Coupling with SC	1115EF	15	669867	34,1	0,114
477181	Prestabo	Prestabo XL	1159NU Flange adapter with SC 76,1(DN65)7 H 9	Flange adapter with SC	1159NU	76,1 (DN65)	820701	3027	0,144
477191	Prestabo	Prestabo XL	11172NUTee with SC 76,1x3/4x76,1 7 H 9	Tee with SC	11172NU	76,1 X 3/4 X 76,1	820749	724	0,318
477201	Prestabo	Prestabo XL	1118NU Tee with SC 76,1x28x76,1 7 H 9	Tee with SC	1118NU	76,1 X 28 X 76,1	820763	721	0,464
477211	Prestabo	Prestabo XL	11151NUReducer with SC 76,1x54 7 H 9	Reducer with SC	11151NU	76,1 X 54	820787	397	0,03788
477221	Prestabo	Prestabo without thread	1115 Coupling with SC 15 7 H 9	Coupling with SC	1115	15	557980	35,6	0,0467
477231	Prestabo	Prestabo without thread	1115 Coupling with SC 18 7 H 9	Coupling with SC	1115	18	557997	41,2	0,07249
477241	Prestabo	Prestabo without thread	1115 Coupling with SC 22 7 H 9	Coupling with SC	1115	22	558000	57,4	0,1096
477251	Prestabo	Prestabo without thread	1115 Coupling with SC 28 7 H 9	Coupling with SC	1115	28	558017	74,5	0,14
477261	Prestabo	Prestabo without thread	1115 Coupling with SC 35 7 H 9	Coupling with SC	1115	35	558024	98,5	0,3058
477271	Prestabo	Prestabo without thread	1115 Coupling with SC 42 7 H 9	Coupling with SC	1115	42	558031	174,5	0,46
477281	Prestabo	Prestabo without thread	1115 Coupling with SC 54 7 H 9	Coupling with SC	1115	54	558048	254	0,0346
477291	Prestabo	Prestabo without thread	11155 Sliding coupling with SC 15 7 H 9	Sliding coupling with SC	11155	15	558055	47,7	0,0419
477301	Prestabo	Prestabo without thread	11155 Sliding coupling with SC 18 7 H 9	Sliding coupling with SC	11155	18	558062	57,1	0,0644
477311	Prestabo	Prestabo without thread	11155 Sliding coupling with SC 22 7 H 9	Sliding coupling with SC	11155	22	558079	83	0,0869
477321	Prestabo	Prestabo without thread	11155 Sliding coupling with SC 28 7 H 9	Sliding coupling with SC	11155	28	558086	116,5	0,1162
477331	Prestabo	Prestabo without thread	11155 Sliding coupling with SC 35 7 H 9	Sliding coupling with SC	11155	35	558093	149,67	0,235
477341	Prestabo	Prestabo without thread	11155 Sliding coupling with SC 42 7 H 9	Sliding coupling with SC	11155	42	558109	264	0,345

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
477351	Prestabo	Prestabo without thread	11155 Sliding coupling with SC 54 7 H 9	Sliding coupling with SC	11155	54	558116	356	0,0311
477361	Prestabo	Prestabo without thread	1116 Elbow 90°with SC 15 7 H 9	Elbow 90°with SC	1116	15	558123	40,2	0,0395
477371	Prestabo	Prestabo without thread	1116 Elbow 90°with SC 18 7 H 9	Elbow 90°with SC	11 16	18	558130	49,7	0,0585
477381	Prestabo	Prestabo without thread	1116 Elbow 90°with SC 22 7 H 9	Elbow 90°with SC	1116	22	558147	79,4	0,0823
477391	Prestabo	Prestabo without thread	1116 Elbow 90°with SC 28 7 H 9	Elbow 90°with SC	11 16	28	558154	114	0,1104
477401	Prestabo	Prestabo without thread	1116 Elbow 90°with SC 35 7 H 9	Elbow 90°with SC	1116	35	558161	144	0,224
477411	Prestabo	Prestabo without thread	1116 Elbow 90°with SC 42 7 H 9	Elbow 90°with SC	11 16	42	558178	318	0,33
477421	Prestabo	Prestabo without thread	1116 Elbow 90°with SC 54 7 H 9	Elbow 90°with SC	1116	54	558185	464	0,0474
477431	Prestabo	Prestabo without thread	11161 Elbow 90°with SC 15 7 H 9	Elbow 90°with SC	11 161	15	558192	37,88	0,058
477441	Prestabo	Prestabo without thread	11161 Elbow 90°with SC 18 7 H 9	Elbow 90°with SC	11161	18	558208	46,7	0,0642
477451	Prestabo	Prestabo without thread	11161 Elbow 90°with SC 22 7 H 9	Elbow 90°with SC	11 161	22	558215	72,49	0,1128
477461	Prestabo	Prestabo without thread	11161 Elbow 90°with SC 28 7 H 9	Elbow 90°with SC	11161	28	558222	109,6	0,165
477471	Prestabo	Prestabo without thread	11161 Elbow 90°with SC 35 7 H 9	Elbow 90°with SC	11 161	35	558239	140	0,292
477481	Prestabo	Prestabo without thread	11161 Elbow 90°with SC 42 7 H 9	Elbow 90°with SC	11161	42	558246	305,8	0,434
477491	Prestabo	Prestabo without thread	11161 Elbow 90°with SC 54 7 H 9	Elbow 90°with SC	11 161	54	558253	460	0,665
477501	Prestabo	Prestabo without thread	1126 Elbow 45°with SC 15 7 H 9	Elbow 45°with SC	1126	15	558260	34,6	0,0338
477511	Prestabo	Prestabo without thread	1126 Elbow 45°with SC 18 7 H 9	Elbow 45°with SC	11 26	18	558277	41,9	0,039
477521	Prestabo	Prestabo without thread	1126 Elbow 45°with SC 22 7 H 9	Elbow 45°with SC	1126	22	558284	64,4	0,0426
477531	Prestabo	Prestabo without thread	1126 Elbow 45°with SC 28 7 H 9	Elbow 45°with SC	11 26	28	558291	86,9	0,0583
477541	Prestabo	Prestabo without thread	1126 Elbow 45°with SC 35 7 H 9	Elbow 45°with SC	1126	35	558307	116,2	0,052
477551	Prestabo	Prestabo without thread	1126 Elbow 45°with SC 42 7 H 9	Elbow 45°with SC	11 26	42	558314	235	0,061
477561	Prestabo	Prestabo without thread	1126 Elbow 45°with SC 54 7 H 9	Elbow 45°with SC	1126	54	558321	345	0,0795
477571	Prestabo	Prestabo without thread	11261 Elbow 45°with SC 15 7 H 9	Elbow 45°with SC	11 261	15	558338	31,1	0,0805
477581	Prestabo	Prestabo without thread	11261 Elbow 45°with SC 18 7 H 9	Elbow 45°with SC	11261	18	558345	39,5	0,1143
477591	Prestabo	Prestabo without thread	11261 Elbow 45°with SC 22 7 H 9	Elbow 45°with SC	11 261	22	558352	58,5	0,2245
477601	Prestabo	Prestabo without thread	11261 Elbow 45°with SC 28 7 H 9	Elbow 45°with SC	11261	28	558369	82,3	0,205
477611	Prestabo	Prestabo without thread	11261 Elbow 45°with SC 35 7 H 9	Elbow 45°with SC	11 261	35	558376	110,4	0,2225
477634	Prestabo	Prestabo without thread	11261 Elbow 45°with SC 42 7 H 9	Elbow 45°with SC	11261	42	558383	224	0,052
477644	Prestabo	Prestabo without thread	11261 Elbow 45°with SC 54 7 H 9	Elbow 45°with SC	11 261	54	558390	330	0,1174

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
477701	Prestabo	Prestabo with thread	1114 Elbow with SC 15x3/8 7 H 9	Elbow with SC	1114	15 X 3/8	558406	47,4	0,064
477711	Prestabo	Prestabo with thread	1114 Elbow with SC 15x1/2 7 H 9	Elbow with SC	1114	15 X 1/2	558413	58	0,084
477721	Prestabo	Prestabo with thread	1114 Elbow with SC 18x1/2 7 H 9	Elbow with SC	1114	18 X 1/2	558420	64,2	0,117
477731	Prestabo	Prestabo with thread	1114 Elbow with SC 22x3/4 7 H 9	Elbow with SC	1114	22 X 3/4	558437	112,8	0,158
477741	Prestabo	Prestabo with thread	1114 Elbow with SC 28x1 7 H 9	Elbow with SC	1114	28 X 1	558444	165	0,19
477751	Prestabo	Prestabo with thread	1114 Elbow with SC 35x11/4 7 H 9	Elbow with SC	1114	35 X 1 1/4	558451	292	0,376
477761	Prestabo	Prestabo with thread	1114 Elbow with SC 42X11/2 7 H 9	Elbow with SC	1114	42 X 1 1/2	558468	434	0,5182
477804	Prestabo	Prestabo with thread	1114 Elbow with SC 54x2 7 H 9	Elbow with SC	1114	54 X 2	558475	665	0,078
477814	Prestabo	Prestabo without thread	11151 Reducer with SC 18x15 7 H 9	Reducer with SC	11151	18 X 15	558499	33,8	0,078
477824	Prestabo	Prestabo without thread	11151 Reducer with SC 22x15 7 H 9	Reducer with SC	11151	22 X 15	558505	39	0,187
477834	Prestabo	Prestabo without thread	11151 Reducer with SC 22x18 7 H 9	Reducer with SC	11151	22 X 18	558512	42,6	0,173
477844	Prestabo	Prestabo without thread	11151 Reducer with SC 28x15 7 H 9	Reducer with SC	11151	28 X 15	558529	58,3	0,1744
477854	Prestabo	Prestabo without thread	11151 Reducer with SC 28x18 7 H 9	Reducer with SC	11151	28 X 18	558536	52	0,2552
477864	Prestabo	Prestabo without thread	11151 Reducer with SC 28x22 7 H 9	Reducer with SC	11151	28 X 22	558543	61	0,3535
477874	Prestabo	Prestabo without thread	11151 Reducer with SC 35x22 7 H 9	Reducer with SC	11151	35 X 22	558550	79,5	0,652
477901	Prestabo	Prestabo without thread	11151 Reducer with SC 35x28 7 H 9	Reducer with SC	11151	35 X 28	558567	80,5	0,0777
477911	Prestabo	Prestabo without thread	11151 Reducer with SC 42x35 7 H 9	Reducer with SC	11151	42 X 35	558574	114,3	0,099
477921	Prestabo	Prestabo without thread	11151 Reducer with SC 54x22 7 H 9	Reducer with SC	11151	54 X 22	558581	224,5	0,109
477931	Prestabo	Prestabo without thread	11151 Reducer with SC 54x28 7 H 9	Reducer with SC	11151	54 X 28	558598	205	0,127
477941	Prestabo	Prestabo without thread	11151 Reducer with SC 54x42 7 H 9	Reducer with SC	11151	54 X 42	558604	222,5	0,12715
477951	Prestabo	Prestabo with thread	1163 Union with SC 15x1/2 7 H 9	Union with SC	1163	15 X 1/2	752613	52	0,1401
477961	Prestabo	Prestabo with thread	1163 Union with SC 28x1 7 H 9	Union with SC	1163	28 X 1	752620	117,4	0,146
477971	Prestabo	Prestabo-pipe	1103 Prestabo-pipe 12x1,2(600) 7 H 9	Prestabo-pipe	1103	12 X 1,2 (600)	650339	328	0,1511
477981	Prestabo	Prestabo-pipe	1103 Prestabo-pipe 12x1,2(60) 7 H 9	Prestabo-pipe	1103	12 X 1,2 (60)	806408	320	0,165
477991	Prestabo	Prestabo without thread	1118 Tee with SC 15 7 H 9	Tee with SC	1118	15	558611	64	0,187
478001	Prestabo	Prestabo without thread	1118 Tee with SC 18 7 H 9	Tee with SC	1118	18	558628	84	0,2817
478011	Prestabo	Prestabo without thread	1118 Tee with SC 22 7 H 9	Tee with SC	1118	22	558635	117	0,2935
478021	Prestabo	Prestabo without thread	1118 Tee with SC 28 7 H 9	Tee with SC	1118	28	558642	158	0,295
478031	Prestabo	Prestabo without thread	1118 Tee with SC 35 7 H 9	Tee with SC	1118	35	558659	190	0,355

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
478041	Prestabo	Prestabo without thread	1118 Tee with SC 42 7 H 9	Tee with SC	1118	42	558666	376	0,3745
478051	Prestabo	Prestabo without thread	1118 Tee with SC 54 7 H 9	Tee with SC	1118	54	558673	518,2	0,382
478061	Prestabo	Prestabo with thread	1163 Union with SC 15x1 7 H 9	Union with SC	1163	15 X 1	601058	78	0,442
478101	Prestabo	Prestabo with thread	1163 Union with SC 18x1 7 H 9	Union with SC	1163	18 X 1	601065	78	0,0789
478111	Prestabo	Prestabo with thread	1163 Union with SC 22x11/4 7 H 9	Union with SC	1163	22 X 1 1/4	601072	187	0,0928
478121	Prestabo	Prestabo with thread	1163 Union with SC 22x11/2 7 H 9	Union with SC	1163	22 X 1 1/2	601089	173	0,1221
478201	Prestabo	Prestabo with thread	1163 Union with SC 28x11/2 7 H 9	Union with SC	1163	28 X 1 1/2	601102	174,4	0,074
478211	Prestabo	Prestabo with thread	1163 Union with SC 35x2 7 H 9	Union with SC	1163	35 X 2	601119	255,2	0,0852
478221	Prestabo	Prestabo with thread	1163 Union with SC 42x2 7 H 9	Union with SC	1163	42 X 2	601126	353,5	0,108
478231	Prestabo	Prestabo with thread	1163 Union with SC 54x21/2 7 H 9	Union with SC	1163	54 X 2 1/2	601133	652	0,126
478241	Prestabo	Prestabo without thread	1118 Tee with SC 18x15x18 7 H 9	Tee with SC	1118	18 X 15 X 18	558680	77,7	0,145
478251	Prestabo	Prestabo without thread	1118 Tee with SC 22x15x22 7 H 9	Tee with SC	1118	22 X 15 X 22	558697	99	0,152
478261	Prestabo	Prestabo without thread	1118 Tee with SC 22x18x22 7 H 9	Tee with SC	1118	22 X 18 X 22	558703	109	0,166
478271	Prestabo	Prestabo without thread	1118 Tee with SC 28x15x28 7 H 9	Tee with SC	1118	28 X 15 X 28	558710	127	0,256
478281	Prestabo	Prestabo without thread	1118 Tee with SC 28x18x28 7 H 9	Tee with SC	1118	28 X 18 X 28	558727	127,15	0,2875
478291	Prestabo	Prestabo without thread	1118 Tee with SC 28x22x28 7 H 9	Tee with SC	1118	28 X 22 X 28	558734	140,1	0,343
478301	Prestabo	Prestabo without thread	1118 Tee with SC 35x15x35 7 H 9	Tee with SC	1118	35 X 15 X 35	558741	146	0,347
478314	Prestabo	Prestabo without thread	1118 Tee with SC 35x18x35 7 H 9	Tee with SC	1118	35 X 18 X 35	558758	151,1	0,1358
478354	Prestabo	Prestabo without thread	1118 Tee with SC 35x22x35 7 H 9	Tee with SC	1118	35 X 22 X 35	558765	165	0,0895
478364	Prestabo	Prestabo without thread	1118 Tee with SC 35x28x35 7 H 9	Tee with SC	1118	35 X 28 X 35	558772	187	0,3315
478401	Prestabo	Prestabo without thread	1118 Tee with SC 42x22x42 7 H 9	Tee with SC	1118	42 X 22 X 42	558789	281,7	0,0338
478411	Prestabo	Prestabo without thread	1118 Tee with SC 42x28x42 7 H 9	Tee with SC	1118	42 X 28 X 42	558796	293,5	0,049
478421	Prestabo	Prestabo without thread	1118 Tee with SC 42x35x42 7 H 9	Tee with SC	1118	42 X 35 X 42	558802	295	0,04795
478431	Prestabo	Prestabo without thread	1118 Tee with SC 54x22x54 7 H 9	Tee with SC	1118	54 X 22 X 54	558819	355	0,06433
478441	Prestabo	Prestabo without thread	1118 Tee with SC 54x28x54 7 H 9	Tee with SC	1118	54 X 28 X 54	558826	374,5	0,062
478451	Prestabo	Prestabo without thread	1118 Tee with SC 54x35x54 7 H 9	Tee with SC	1118	54 X 35 X 54	558833	382	0,0994
478461	Prestabo	Prestabo without thread	1118 Tee with SC 54X42X54 7 H 9	Tee with SC	1118	54 X 42 X 54	558840	442	0,214
478471	Prestabo	Prestabo without thread	1118 Tee with SC 15x22x15 7 H 9	Tee with SC	1118	15 X 22 X 15	558857	78,9	0,2655
478481	Prestabo	Prestabo without thread	1118 Tee with SC 18X22X18 7 H 9	Tee with SC	1118	18 X 22 X 18	558864	92,8	0,385

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
478601	Prestabo	Prestabo without thread	1118 Tee with SC 22x28x22 7 H 9	Tee with SC	1118	22 X 28 X 22	558871	122,1	0,042
478611	Prestabo	Prestabo with thread	11172 Tee with SC 15x1/2x15 7 H 9	Tee with SC	11172	15 X 1/2 X 15	558888	74	0,0452
478621	Prestabo	Prestabo with thread	11172 Tee with SC 18x1/2x18 7 H 9	Tee with SC	11172	18 X 1/2 X 18	558895	85,2	0,0633
478631	Prestabo	Prestabo with thread	11172 Tee with SC 22x1/2x22 7 H 9	Tee with SC	11172	22 X 1/2 X 22	558901	108	0,0703
478641	Prestabo	Prestabo with thread	11172 Tee with SC 28x1/2x28 7 H 9	Tee with SC	11172	28 X 1/2 X 28	558918	126	0,1145
478651	Prestabo	Prestabo with thread	11172 Tee with SC 28X3/4X28 7 H 9	Tee with SC	11172	28 X 3/4 X 28	558925	145	0,06
478661	Prestabo	Prestabo with thread	11172 Tee with SC 35X1/2X35 7 H 9	Tee with SC	11172	35 X 1/2 X 35	558932	152	0,0562
478671	Prestabo	Prestabo with thread	11172 Tee with SC 35X3/4X35 7 H 9	Tee with SC	11172	35 X 3/4 X 35	558949	166	0,076
478681	Prestabo	Prestabo with thread	11172 Tee with SC 42x1/2x42 7 H 9	Tee with SC	11172	42 X 1/2 X 42	558956	256	0,0589
478691	Prestabo	Prestabo with thread	11172 Tee with SC 42X3/4X42 7 H 9	Tee with SC	11172	42 X 3/4 X 42	558963	287,5	0,0757
478701	Prestabo	Prestabo with thread	11172 Tee with SC 54X1/2X54 7 H 9	Tee with SC	11172	54 X 1/2 X 54	558970	343	0,0846
478711	Prestabo	Prestabo with thread	11172 Tee with SC 54X3/4X54 7 H 9	Tee with SC	11172	54 X 3/4 X 54	558987	347	0,11
478721	Prestabo	Prestabo with thread	1165 Union with SC 18x3/4 7 H 9	Union with SC	1165	18 X 3/4	752637	135,8	0,1116
478731	Prestabo	Prestabo with thread	1111 Adapter with SC 28x1/2 7 H 9	Adapter with SC	1111	28 X 1/2	721428	89,5	0,2095
478801	Prestabo	Prestabo without thread	1118 Tee with SC 54x18x54 7 H 9	Tee with SC	1118	54 X 18 X 54	723682	331,5	0,064
478811	Prestabo	Prestabo with thread	1111 Adapter with SC 15x3/8 7 H 9	Adapter with SC	1111	15 X 3/8	558994	33,8	0,0956
478821	Prestabo	Prestabo with thread	1111 Adapter with SC 15x1/2 7 H 9	Adapter with SC	1111	15 X 1/2	559007	49	0,1488
478831	Prestabo	Prestabo with thread	1111 Adapter with SC 18x1/2 7 H 9	Adapter with SC	1111	18 X 1/2	559014	47,95	0,1884
478841	Prestabo	Prestabo with thread	1111 Adapter with SC 18x3/4 7 H 9	Adapter with SC	1111	18 X 3/4	559021	64,33	0,2872
478851	Prestabo	Prestabo with thread	1111 Adapter with SC 22x3/4 7 H 9	Adapter with SC	1111	22 X 3/4	559038	62	0,526
478901	Prestabo	Prestabo with thread	1111 Adapter with SC 28x1 7 H 9	Adapter with SC	1111	28 X 1	559045	99,4	0,1299
478911	Prestabo	Prestabo with thread	1111 Adapter with SC 35x11/4 7 H 9	Adapter with SC	1111	35 X 1 1/4	559052	214	0,1473
478921	Prestabo	Prestabo with thread	1111 Adapter with SC 42x11/2 7 H 9	Adapter with SC	1111	42 X 1 1/2	559069	265,5	0,2513
478931	Prestabo	Prestabo with thread	1111 Adapter with SC 54x2 7 H 9	Adapter with SC	1111	54 X 2	588663	385	0,4207
478941	Prestabo	Prestabo with thread	1112 Adapter with SC 15x1/2 7 H 9	Adapter with SC	1112	15 X 1/2	559557	42	0,5772
478951	Prestabo	Prestabo with thread	1112 Adapter with SC 18x1/2 7 H 9	Adapter with SC	1112	18 X 1/2	559090	45,2	1,056
479001	Prestabo	Prestabo with thread	1112 Adapter with SC 18x3/4 7 H 9	Adapter with SC	1112	18 X 3/4	559106	63,3	0,1375
479011	Prestabo	Prestabo with thread	1112 Adapter with SC 22x3/4 7 H 9	Adapter with SC	1112	22 X 3/4	559113	70,3	0,14
479021	Prestabo	Prestabo with thread	1112 Adapter with SC 28x1 7 H 9	Adapter with SC	1112	28 X 1	559120	114,5	0,2262

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
479031	Prestabo	Prestabo with thread	11121 Plug-in piece 15x1/2 7 H 9	Plug-in piece	11121	15 X 1/2	559137	60	0,378
479041	Prestabo	Prestabo with thread	11121 Plug-in piece 18x1/2 7 H 9	Plug-in piece	11121	18 X 1/2	559144	56,2	0,4453
479051	Prestabo	Prestabo with thread	11121 Plug-in piece 18x3/4 7 H 9	Plug-in piece	11121	18 X 3/4	559151	76	0,6053
479061	Prestabo	Prestabo with thread	11121 Plug-in piece 22x1/2 7 H 9	Plug-in piece	11121	22 X 1/2	559168	58,9	1,125
479071	Prestabo	Prestabo with thread	11121 Plug-in piece 22x3/4 7 H 9	Plug-in piece	11121	22 X 3/4	559175	75,7	0,02015
479081	Prestabo	Prestabo with thread	11141 Elbow with SC 15x3/8 7 H 9	Elbow with SC	11141	15 X 3/8	559519	84,6	0,024
479091	Prestabo	Prestabo with thread	11141 Elbow with SC 15x1/2 7 H 9	Elbow with SC	11141	15 X 1/2	559526	110	0,0399
479101	Prestabo	Prestabo with thread	11141 Elbow with SC 18x1/2 7 H 9	Elbow with SC	11141	18 X 1/2	559533	111,6	0,0545
479111	Prestabo	Prestabo with thread	11141 Elbow with SC 22x3/4 7 H 9	Elbow with SC	11141	22 X 3/4	559540	209,5	0,0899
479121	Prestabo	Prestabo with thread	1163 Union with SC 15x3/4 7 H 9	Union with SC	1163	15 X 3/4	559182	64	0,15
479131	Prestabo	Prestabo with thread	1163 Union with SC 22x1 7 H 9	Union with SC	1163	22 X 1	559199	95,6	0,219
479811	Prestabo	Prestabo with thread	1163 Union with SC 28x11/4 7 H 9	Union with SC	1163	28 X 1 1/4	559205	148,8	0,0761
480154	Prestabo	Prestabo with thread	1163 Union with SC 35x11/2 7 H 9	Union with SC	1163	35 X 1 1/2	559212	188,4	0,1085
480164	Prestabo	Prestabo with thread	1163 Union with SC 42x13/4 7 H 9	Union with SC	1163	42 X 1 3/4	559229	287,2	0,1305
480174	Prestabo	Prestabo with thread	1163 Union with SC 54x23/8 7 H 9	Union with SC	1163	54 X 2 3/8	559236	526	0,15
480714	Prestabo	Prestabo with thread	1165 Union with SC 15x1/2 7 H 9	Union with SC	1165	15 X 1/2	559243	129,9	0,082
480724	Prestabo	Prestabo with thread	1165 Union with SC 22x3/4 7 H 9	Union with SC	1165	22 X 3/4	559250	147,3	0,1165
480734	Prestabo	Prestabo with thread	1165 Union with SC 28x1 7 H 9	Union with SC	1165	28 X 1	559267	251,3	0,173
481314	Prestabo	Prestabo with thread	1165 Union with SC 35x11/4 7 H 9	Union with SC	1165	35 X 1 1/4	559274	420,7	0,214
481324	Prestabo	Prestabo with thread	1165 Union with SC 42x11/2 7 H 9	Union with SC	1165	42 X 1 1/2	559281	577,2	0,251
481334	Prestabo	Prestabo with thread	1165 Union with SC 54x2 7 H 9	Union with SC	1165	54 X 2	559298	1056	0,258
481344	Prestabo	Prestabo with thread	1160 Union with SC 15 7 H 9	Union with SC	1160	15	559304	137,5	0,295
483454	Prestabo	Prestabo with thread	1160 Union with SC 18 7 H 9	Union with SC	1160	18	559311	140	0,055
483464	Prestabo	Prestabo with thread	1160 Union with SC 22 7 H 9	Union with SC	1160	22	559328	226,2	0,0628
483474	Prestabo	Prestabo with thread	1160 Union with SC 28 7 H 9	Union with SC	1160	28	559335	378	0,103
483484	Prestabo	Prestabo with thread	1160 Union with SC 35 7 H 9	Union with SC	1160	35	559342	445,3	0,151
491694	Prestabo	Prestabo with thread	1160 Union with SC 42 7 H 9	Union with SC	1160	42	559359	605,3	0,08
546084	Prestabo	Prestabo with thread	1160 Union with SC 54 7 H 9	Union with SC	1160	54	559366	1125	0,0901
546094	Prestabo	Prestabo without thread	11571 Long plug 15 7 H 9	Long plug	11571	15	559373	20,15	0,0873

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
546104	Prestabo	Prestabo without thread	11571 Long plug 18 7 H 9	Long plug	11571	18	559380	24	0,2987
546124	Prestabo	Prestabo without thread	11571 Long plug 22 7 H 9	Long plug	11571	22	559397	39,9	0,0795
546134	Prestabo	Prestabo without thread	11571 Long plug 28 7 H 9	Long plug	11571	28	559403	54,5	0,2685
546144	Prestabo	Prestabo without thread	11571 Long plug 35 7 H 9	Long plug	11571	35	559410	89,9	0,373
546164	Prestabo	Prestabo without thread	11571 Long plug 42 7 H 9	Long plug	11571	42	559427	150	0,203
546174	Prestabo	Prestabo without thread	11571 Long plug 54 7 H 9	Long plug	11571	54	559434	219	0,395
546184	Prestabo	Prestabo-pipe	11031 Prestabo-pipe 15x1,2x3m(60) 7 H 9	Prestabo-pipe	11031	15 X 1,2 X 3M (60)	745059	408	0,345
546194	Prestabo	Prestabo-pipe	1103 Prestabo-pipe 15x1,2(600) 7 H 9	Prestabo-pipe	1103	15 X 1,2 (600)	559441	408	0,116
546204	Prestabo	Prestabo-pipe	1103 Prestabo-pipe 15x1,2(120) 7 H 9	Prestabo-pipe	1103	15 X 1,2 (120)	806415	420	0,1564
546214	Prestabo	Prestabo-pipe	1103 Prestabo-pipe 15x1,2(60) 7 H 9	Prestabo-pipe	1103	15 X 1,2 (60)	649234	408	0,1965
546224	Prestabo	Prestabo-pipe	1103 Prestabo-pipe 18x1,2(240) 7 H 9	Prestabo-pipe	1103	18 X 1,2 (240)	559458	497	0,0804
546234	Prestabo	Prestabo-pipe	1103 Prestabo-pipe 18x1,2(60) 7 H 9	Prestabo-pipe	1103	18 X 1,2 (60)	806422	510	0,101
546244	Prestabo	Prestabo-pipe	1103 Prestabo-pipe 18x1,2(30) 7 H 9	Prestabo-pipe	1103	18 X 1,2 (30)	649241	517	0,1104
546254	Prestabo	Prestabo-pipe	1103 Prestabo-pipe 22x1,5(420) 7 H 9	Prestabo-pipe	1103	22 X 1,5 (420)	559465	758	0,226
546264	Prestabo	Prestabo-pipe	1103 Prestabo-pipe 22x1,5(60) 7 H 9	Prestabo-pipe	1103	22 X 1,5 (60)	806439	750	0,0665
566901	Prestabo	Prestabo-pipe	1103 Prestabo-pipe 22x1,5(30) 7 H 9	Prestabo-pipe	1103	22 X 1,5 (30)	650155	758	0,057
627114	Prestabo	Prestabo-pipe	1103 Prestabo-pipe 28x1,5(240) 7 H 9	Prestabo-pipe	1103	28 X 1,5 (240)	559472	980	0,506
627124	Prestabo	Prestabo-pipe	1103 Prestabo-pipe 28x1,5(60) 7 H 9	Prestabo-pipe	1103	28 X 1,5 (60)	806446	980	0,352
627154	Prestabo	Prestabo-pipe	1103 Prestabo-pipe 28x1,5(30) 7 H 9	Prestabo-pipe	1103	28 X 1,5 (30)	650162	950	0,1928
627204	Prestabo	Prestabo-pipe	1103 Prestabo-pipe 42x1,5(120) 7 H 9	Prestabo-pipe	1103	42 X 1,5 (120)	559489	1498	0,19
627214	Prestabo	Prestabo-pipe	1103 Prestabo-pipe 42x1,5(30) 7 H 9	Prestabo-pipe	1103	42 X 1,5 (30)	806866	1475	0,168
627224	Prestabo	Prestabo-pipe	1103 Prestabo-pipe 42x1,5(6) 7 H 9	Prestabo-pipe	1103	42 X 1,5 (6)	650179	1460	0,288
627234	Prestabo	Prestabo-pipe	1103 Prestabo-pipe 35x1,5(180) 7 H 9	Prestabo-pipe	1103	35 X 1,5 (180)	559496	1239	0,33
627244	Prestabo	Prestabo-pipe	1103 Prestabo-pipe 35x1,5(30) 7 H 9	Prestabo-pipe	1103	35 X 1,5 (30)	806859	1215	0,352
627254	Prestabo	Prestabo-pipe	1103 Prestabo-pipe 54x1,5(60) 7 H 9	Prestabo-pipe	1103	54 X 1,5 (60)	559502	1942	0,2685
627314	Prestabo	Prestabo-pipe	1103 Prestabo-pipe 54x1,5(30) 7 H 9	Prestabo-pipe	1103	54 X 1,5 (30)	806873	1870	0,372
627324	Prestabo	Prestabo-pipe	1103 Prestabo-pipe 54x1,5(6) 7 H 9	Prestabo-pipe	1103	54 X 1,5 (6)	650186	1950	0,436
627334	Prestabo	Prestabo without thread	11158SUSliding coupling with SC 28 7 H 9	Sliding coupling with SC	11158SU	28	606282	76,1	0,138
627344	Prestabo	Prestabo-pipe	11033 Prestabo-pipe 15x1,2x3m(60) 7 H 9	Prestabo-pipe	11033	15 X 1,2 X 3M (60)	753504	410	0,292

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
627354	Prestabo	Prestabo-pipe	11033 Prestabo-pipe 18x1,2x3m(30) 7 H 9	Prestabo-pipe	11033	18 X 1,2 X 3M (30)	753511	510	0,1512
627364	Prestabo	Prestabo-pipe	11033 Prestabo-pipe 22x1,5x3m(30) 7 H 9	Prestabo-pipe	11033	22 X 1,5 X 3M (30)	753528	750	0,258
627374	Prestabo	Prestabo-pipe	11033 Prestabo-pipe 28x1,5x3m(30) 7 H 9	Prestabo-pipe	11033	28 X 1,5 X 3M (30)	753535	960	0,127
627424	Prestabo	Prestabo-pipe	11033 Prestabo-pipe 35x1,5x3m(15) 7 H 9	Prestabo-pipe	11033	35 X 1,5 X 3M (15)	753542	1229	0,1
627504	Prestabo	Prestabo-pipe	11033 Prestabo-pipe 42x1,5x3m(15) 7 H 9	Prestabo-pipe	11033	42 X 1,5 X 3M (15)	754051	1475	0,12
627514	Prestabo	Prestabo-pipe	11033 Prestabo-pipe 54x1,5x3m(15) 7 H 9	Prestabo-pipe	11033	54 X 1,5 X 3M (15)	754068	1942	0,0996
627524	Prestabo	Prestabo without thread	1148 Cross piece with SC 18x15 7 H 9	Cross piece with SC	1148	18 X 15	601157	108,5	0,15
627554	Prestabo	Prestabo without thread	1148 Cross piece with SC 22x15 7 H 9	Cross piece with SC	1148	22 X 15	601164	130,5	0,0656
627574	Prestabo	Prestabo without thread	1148 Cross piece with SC 28x15 7 H 9	Cross piece with SC	1148	28 X 15	601171	150	0,1088
627624	Prestabo	Prestabo without thread	11093 Crossover 15 7 H 9	Crossover	11093	15	601232	82	0,096
627774	Prestabo	Prestabo without thread	11093 Crossover 18 7 H 9	Crossover	11093	18	601249	116,5	0,71
627784	Prestabo	Prestabo without thread	11093 Crossover 22 7 H 9	Crossover	11093	22	601256	173	0,825
627844	Prestabo	Prestabo with thread	11142 Elbow 90°with SC 22x1/2 7 H 9	Elbow 90°with SC	11142	22 X 1/2	601263	214	0,875
627884	Prestabo	Prestabo with thread	11142 Elbow 90°with SC 22x3/4 7 H 9	Elbow 90°with SC	11142	22 X 3/4	601270	251	0,96
627904	Prestabo	Prestabo with thread	11142 Elbow 90°with SC 28x1/2 7 H 9	Elbow 90°with SC	11142	28 X 1/2	601287	258	1,04
633091	Prestabo	Prestabo with thread	11142 Elbow 90°with SC 28x3/4 7 H 9	Elbow 90°with SC	11142	28 X 3/4	601294	295	0,04
633101	Prestabo	Prestabo with thread	11145 Elbow with SC 15x1/2 7 H 9	Elbow with SC	11145	15 X 1/2	601300	55	0,05
633111	Prestabo	Prestabo with thread	11145 Elbow with SC 18x1/2 7 H 9	Elbow with SC	11145	18 X 1/2	601317	62,8	0,0784
633121	Prestabo	Prestabo with thread	11145 Elbow with SC 22x3/4 7 H 9	Elbow with SC	11145	22 X 3/4	601324	103	0,1148
633131	Prestabo	Prestabo with thread	11145 Elbow with SC 28x1 7 H 9	Elbow with SC	11145	28 X 1	601331	151	0,1436
633141	Prestabo	Prestabo with thread	1163 Union with SC 22x3/4 7 H 9	Union with SC	1163	22 X 3/4	693091	80	0,3
633171	Prestabo	Prestabo with thread	1114 Elbow with SC 22x1/2 7 H 9	Elbow with SC	1114	22 X 1/2	704643	90,1	0,0616
633191	Prestabo	Prestabo with thread	11145 Elbow with SC 22x1/2 7 H 9	Elbow with SC	11145	22 X 1/2	704650	87,3	0,042
633201	Prestabo	Prestabo with thread	11141 Elbow with SC 28x1 7 H 9	Elbow with SC	11141	28 X 1	704667	298,7	0,0604
633211	Prestabo	Prestabo without thread	1118 Tee with SC 18x18x15 7 H 9	Tee with SC	1118	18 X 18 X 15	704681	79,5	0,12
633221	Prestabo	Prestabo without thread	1118 Tee with SC 42x18x42 7 H 9	Tee with SC	1118	42 X 18 X 42	704698	268,5	0,1024
633231	Prestabo	Prestabo with thread	11172 Tee with SC 54x1x54 7 H 9	Tee with SC	11172	54 X 1 X 54	704704	373	0,1272
633251	Prestabo	Prestabo without thread	11151 Reducer with SC 54x18 7 H 9	Reducer with SC	11151	54 X 18	704728	203	0,0352

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
633261	Prestabo	Prestabo XL	11151XLReducer with SC 76,1x42 7 H 9	Reducer with SC	11151XL	76,1 X 42	704735	395	0,0412
633271	Prestabo	Prestabo XL	11151XLReducer with SC 76,1x35 7 H 9	Reducer with SC	11151XL	76,1 X 35	704742	345	0,0644
633281	Prestabo	Prestabo with thread	1112 Adapter with SC 28x1/2 7 H 9	Adapter with SC	1112	28 X 1/2	704759	116	0,0884
633291	Prestabo	Prestabo with thread	1112 Adapter with SC 35x1 7 H 9	Adapter with SC	1112	35 X 1	704766	156,4	0,1148
633301	Prestabo	Prestabo with thread	1112 Adapter with SC 42x11/4 7 H 9	Adapter with SC	1112	42 X 1 1/4	704773	196,5	0,0355
633311	Prestabo	Prestabo with thread	11121 Plug-in piece 28x1 7 H 9	Plug-in piece	11121	28 X 1	704780	80,4	0,0456
633321	Prestabo	Prestabo with thread	1111 Adapter with SC 22x1 7 H 9	Adapter with SC	1111	22 X 1	704797	101	0,0732
633331	Prestabo	Prestabo with thread	1111 Adapter with SC 35x1 7 H 9	Adapter with SC	1111	35 X 1	704803	110,4	0,1088
633341	Prestabo	Prestabo with thread	1111 Adapter with SC 42x11/4 7 H 9	Adapter with SC	1111	42 X 1 1/4	704810	226	0,1416
633361	Prestabo	Prestabo with thread	1163 Union with SC 18x3/4 7 H 9	Union with SC	1163	18 X 3/4	704827	66,5	0,0304
633371	Prestabo	Prestabo without thread	1115EF Coupling with SC 22 7 H 9	Coupling with SC	1115EF	22	703271	57	0,038
633381	Prestabo	Prestabo without thread	1118NU Tee with SC 54 7 H 9	Tee with SC	1118NU	54	784331	506	0,0572
633391	Prestabo	Prestabo without thread	1118NU Tee with SC 42 7 H 9	Tee with SC	1118NU	42	784348	352	0,082
633401	Prestabo	Prestabo without thread	1118NU Tee with SC 35 7 H 9	Tee with SC	1118NU	35	784454	192,8	0,1084
633411	Prestabo	Prestabo without thread	1118NU Tee with SC 35x28x35 7 H 9	Tee with SC	1118NU	35 X 28 X 35	784461	190	0,032
633421	Prestabo	Prestabo without thread	1118NU Tee with SC 35x22x35 7 H 9	Tee with SC	1118NU	35 X 22 X 35	784478	168	0,0468
633431	Prestabo	Prestabo without thread	1118NU Tee with SC 42x28x42 7 H 9	Tee with SC	1118NU	42 X 28 X 42	784485	288	0,0462
633441	Prestabo	Prestabo without thread	1118NU Tee with SC 54x22x54 7 H 9	Tee with SC	1118NU	54 X 22 X 54	784492	330	0,0616
633451	Prestabo	Prestabo without thread	1118NU Tee with SC 54x28x54 7 H 9	Tee with SC	1118NU	54 X 28 X 54	784508	352	0,0966
633461	Prestabo	Prestabo without thread	1118NU Tee with SC 42x18x42 7 H 9	Tee with SC	1118NU	42 X 18 X 42	784515	268,5	0,2148
633491	Prestabo	Prestabo without thread	1118NU Tee with SC 54x35x54 7 H 9	Tee with SC	1118NU	54 X 35 X 54	784522	372	0,0428
633501	Prestabo	Prestabo without thread	1118NU Tee with SC 54x42x54 7 H 9	Tee with SC	1118NU	54 X 42 X 54	784539	436	0,0672
633511	Prestabo	Prestabo without thread	1118NU Tee with SC 28x22x22 7 H 9	Tee with SC	1118NU	28 X 22 X 22	784546	138	0,108
633521	Prestabo	Prestabo without thread	1118NU Tee with SC 42x35x42 7 H 9	Tee with SC	1118NU	42 X 35 X 42	784553	292	0,0816
633531	Prestabo	Prestabo without thread	1118NU Tee with SC 35x18x35 7 H 9	Tee with SC	1118NU	35 X 18 X 35	784560	151,2	0,1164
633541	Prestabo	Prestabo without thread	1118NU Tee with SC 42x22x42 7 H 9	Tee with SC	1118NU	42 X 22 X 42	784577	258	0,16
633571	Prestabo	Prestabo without thread	1118NU Tee with SC 22x28x22 7 H 9	Tee with SC	1118NU	22 X 28 X 22	784584	127	0,1408
633591	Prestabo	Prestabo without thread	1118NU Tee with SC 22x18x18 7 H 9	Tee with SC	1118NU	22 X 18 X 18	784591	100	0,128
633601	Prestabo	Prestabo without thread	1118NU Tee with SC 28x15x28 7 H 9	Tee with SC	1118NU	28 X 15 X 28	784607	120	0,0339

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
633611	Prestabo	Prestabo without thread	1118NU Tee with SC 22x15x22 7 H 9	Tee with SC	1118NU	22 X 15 X 22	784614	99,6	0,0412
633621	Prestabo	Prestabo without thread	1118NU Tee with SC 35x15x35 7 H 9	Tee with SC	1118NU	35 X 15 X 35	784621	150	0,0576
633631	Prestabo	Prestabo without thread	1118NU Tee with SC 15 7 H 9	Tee with SC	1118NU	15	784645	65,6	0,0744
633641	Prestabo	Prestabo without thread	1118NU Tee with SC 22x22x15 7 H 9	Tee with SC	1118NU	22 X 22 X 15	784669	108,8	0,0968
633651	Prestabo	Prestabo without thread	1118NU Tee with SC 18x22x18 7 H 9	Tee with SC	1118NU	18 X 22 X 18	784690	96	0,18
633974	Prestabo	Prestabo XL	1118XNUTee with SC 76,1x18x76,1 7 H 9	Tee with SC	1118XNU	76,1 X 18 X 76,1	795139	710	0,1048
633994	Prestabo	Prestabo XL	1118XNUTee with SC 88,9x18x88,9 7 H 9	Tee with SC	1118XNU	88,9 X 18 X 88,9	795146	825	0,0844
634234	Prestabo	Prestabo without thread	11497 Manifold 15x12 7 H 9	Manifold	11497	15 X 12	664084	875	0,242
634294	Prestabo	Prestabo without thread	11497 Manifold 22x12 7 H 9	Manifold	11497	22 X 12	664176	960	0,0393
634314	Prestabo	Prestabo without thread	11497 Manifold 28x12 7 H 9	Manifold	11497	28 X 12	664183	1040	0,1922
634364	Prestabo	Prestabo without thread	1116NU Elbow 90°with SC 15 7 1 9	Elbow 90°with SC	1116NU	15	657604	40	0,1016
639214	Prestabo	Prestabo without thread	1116NU Elbow 90°with SC 18 7 1 9	Elbow 90°with SC	11 16NU	18	657611	50	0,444
639224	Prestabo	Prestabo without thread	1116NU Elbow 90°with SC 22 7 1 9	Elbow 90°with SC	1116NU	22	657628	78,4	0,078
639254	Prestabo	Prestabo without thread	1116NU Elbow 90°with SC 28 7 1 9	Elbow 90°with SC	11 16NU	28	657635	114,8	0,0336
639264	Prestabo	Prestabo without thread	1116NU Elbow 90°with SC 35 7 1 9	Elbow 90°with SC	1116NU	35	657642	143,6	0,206
639324	Prestabo	Prestabo without thread	1116NU Elbow 90°with SC 42 7 1 9	Elbow 90°with SC	11 16NU	42	657659	300	0,248
639334	Prestabo	Prestabo with thread	11121NUPlug-in piece 22x1/2 7 1 9	Plug-in piece	11121NU	22 X 1/2	657680	61,6	0,32
639344	Prestabo	Prestabo without thread	11151NUReducer with SC 22x18 7 1 9	Reducer with SC	11151NU	22 X 18	657703	42	0,154
639354	Prestabo	Prestabo without thread	11151NUReducer with SC 28x22 7 1 9	Reducer with SC	11151NU	28 X 22	657710	60,4	0,261
639364	Prestabo	Prestabo without thread	11151NUReducer with SC 42x35 7 1 9	Reducer with SC	11151NU	42 X 35	657727	120	0,1644
639374	Prestabo	Prestabo without thread	11172NUTee with SC 22x1/2x22 7 H 9	Tee with SC	11172NU	22 X 1/2 X 22	657734	102,4	0,1436
639384	Prestabo	Prestabo with thread	11172NUTee with SC 28x1/2x28 7 H 9	Tee with SC	11172NU	28 X 1/2 X 28	657741	127,2	0,336
639394	Prestabo	Prestabo without thread	1126NU Elbow 45°with SC 15 7 H 9	Elbow 45°with SC	1126NU	15	657765	35,2	0,1258
639424	Prestabo	Prestabo without thread	1126NU Elbow 45°with SC 18 7 H 9	Elbow 45°with SC	11 26NU	18	657772	41,2	0,073
641174	Prestabo	Prestabo without thread	1126NU Elbow 45°with SC 22 7 H 9	Elbow 45°with SC	1126NU	22	657789	64,4	0,1216
641184	Prestabo	Prestabo without thread	1126NU Elbow 45°with SC 28 7 H 9	Elbow 45°with SC	11 26NU	28	657796	88,4	0,202
641204	Prestabo	Prestabo without thread	1126NU Elbow 45°with SC 35 7 H 9	Elbow 45°with SC	1126NU	35	657802	114,8	0,0768
641244	Prestabo	Prestabo without thread	11161NUElbow 90°with SC 15 7 1 9	Elbow 90°with SC	11 161NU	15	657819	35,5	0,0584
641254	Prestabo	Prestabo without thread	11161NUElbow 90°with SC 18 7 1 9	Elbow 90°with SC	11161NU	18	657826	45,6	0,188

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
641604	Prestabo	Prestabo without thread	11161NUElbow 90°with SC 22 7 1 9	Elbow 90°with SC	11 161NU	22	657833	73,2	0,288
641614	Prestabo	Prestabo without thread	11161NUElbow 90°with SC 28 7 1 9	Elbow 90°with SC	11161NU	28	657840	108,8	0,43
641634	Prestabo	Prestabo without thread	11161NUElbow 90°with SC 35 7 1 9	Elbow 90°with SC	11 161NU	35	657857	141,6	0,33
641664	Prestabo	Prestabo without thread	11261NUElbow 45°with SC 15 7 1 9	Elbow 45°with SC	11261NU	15	657871	30,4	0,314
641684	Prestabo	Prestabo without thread	11261NUElbow 45°with SC 18 7 1 9	Elbow 45°with SC	11 261NU	18	657888	38	0,232
641694	Prestabo	Prestabo without thread	11261NUElbow 45°with SC 22 7 1 9	Elbow 45°with SC	11261NU	22	657895	57,2	0,218
641724	Prestabo	Prestabo without thread	11261NUElbow 45°with SC 28 7 1 9	Elbow 45°with SC	11 261NU	28	657901	82	0,1652
641734	Prestabo	Prestabo without thread	11261NUElbow 45°with SC 35 7 1 9	Elbow 45°with SC	11261NU	35	657918	108,4	0,2888
641744	Prestabo	Prestabo with thread	1111NU Adapter with SC 15x3/8 7 1 9	Adapter with SC	1111NU	15 X 3/8	657925	32	0,0624
641774	Prestabo	Prestabo with thread	1111NU Adapter with SC 15x1/2 7 1 9	Adapter with SC	1111NU	15 X 1/2	657932	46,8	0,111
641794	Prestabo	Prestabo without thread	1111NU Adapter with SC 18x1/2 7 1 9	Adapter with SC	1111NU	18 X 1/2	657949	46,2	0,0608
641824	Prestabo	Prestabo with thread	1111NU Adapter with SC 22x3/4 7 1 9	Adapter with SC	1111NU	22 X 3/4	657956	61,6	0,1476
641964	Prestabo	Prestabo with thread	1111NU Adapter with SC 28x1 7 1 9	Adapter with SC	1111NU	28 X 1	657963	96,6	0,046
641974	Prestabo	Prestabo with thread	1111NU Adapter with SC 35x11/4 7 1 9	Adapter with SC	1111NU	35 X 1 1/4	657970	214,8	0,0868
645734	Prestabo	Prestabo with thread	1112NU Adapter with SC 18x1/2 7 1 9	Adapter with SC	1112NU	18 X 1/2	658007	42,8	0,085
645744	Prestabo	Prestabo without thread	1112NU Adapter with SC 22x3/4 7 1 9	Adapter with SC	1112NU	22 X 3/4	658014	67,2	0,103
645794	Prestabo	Prestabo with thread	1112NU Adapter with SC 28x1 7 1 9	Adapter with SC	1112NU	28 X 1	658021	108	0,0825
645804	Prestabo	Prestabo without thread	1118NU Tee with SC 18 7 1 9	Tee with SC	1118NU	18	658038	81,6	0,111
645924	Prestabo	Prestabo without thread	1118NU Tee with SC 22 7 1 9	Tee with SC	1118NU	22	658045	116,4	0,1636
645964	Prestabo	Prestabo without thread	1118NU Tee with SC 28 7 1 9	Tee with SC	1118NU	28	658052	160	0,296
645994	Prestabo	Prestabo without thread	1118NU Tee with SC 28x22x28 7 1 9	Tee with SC	1118NU	28 X 22 X 28	658083	140,8	0,256
659784	Prestabo	Prestabo without thread	1118NU Tee with SC 28x18x28 7 1 9	Tee with SC	1118NU	28 X 18 X 28	658106	128	0,376
659794	Prestabo	Prestabo without thread	1115NU Coupling with SC 15 7 H 9	Coupling with SC	1115NU	15	658113	33,9	0,208
659804	Prestabo	Prestabo without thread	1115NU Coupling with SC 18 7 H 9	Coupling with SC	1115NU	18	658120	41,2	0,256
659814	Prestabo	Prestabo without thread	1115NU Coupling with SC 22 7 H 9	Coupling with SC	1115NU	22	658137	57,6	0,1092
659824	Prestabo	Prestabo without thread	1115NU Coupling with SC 28 7 H 9	Coupling with SC	1115NU	28	658144	74,4	0,218
659834	Prestabo	Prestabo without thread	1115NU Coupling with SC 35 7 H 9	Coupling with SC	1115NU	35	658151	96,8	0,0864
659844	Prestabo	Prestabo without thread	1115NU Coupling with SC 42 7 H 9	Coupling with SC	1115NU	42	658168	180	0,0596
659854	Prestabo	Prestabo without thread	1118NU Tee with SC 22x18x22 7 H 9	Tee with SC	1118NU	22 X 18 X 22	733087	104,8	0,061

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
659894	Prestabo	Prestabo with thread	11172NUTee with SC 18x1/2x18 7 H 9	Tee with SC	11172NU	18 X 1/2 X 18	733100	84,4	0,1096
659914	Prestabo	Prestabo without thread	1115NU Coupling with SC 54 7 H 9	Coupling with SC	1115NU	54	733131	242	0,078
659964	Prestabo	Prestabo with thread	1112NU Adapter with SC 15x1/2 7 H 9	Adapter with SC	1112NU	15 X 1/2	738464	39,3	0,046
661704	Prestabo	Prestabo with thread	1111NU Adapter with SC 28x11/4 7 H 9	Adapter with SC	1111NU	28 X 1 1/4	738488	192,2	0,19
661714	Prestabo	Prestabo with thread	1111NU Adapter with SC 22x1 7 H 9	Adapter with SC	1111NU	22 X 1	738518	101,6	0,366
661724	Prestabo	Prestabo without thread	1116NU Elbow with SC 54 7 H 9	Elbow with SC	1116NU	54	771171	444	0,23
661734	Prestabo	Prestabo without thread	1118NU Tee with SC 18x15x18 7 H 9	Tee with SC	1118NU	18 X 15 X 18	771188	78	0,1548
661744	Prestabo	Prestabo without thread	11151NUReducer with SC 18x15 7 H 9	Reducer with SC	11151NU	18 X 15	771218	33,6	0,0652
661754	Prestabo	Prestabo without thread	11151NUReducer with SC 54x28 7 H 9	Reducer with SC	11151NU	54 X 28	771225	206	0,1456
661764	Prestabo	Prestabo with thread	11172NUTee with SC 42x1/2x42 7 H 9	Tee with SC	11172NU	42 X 1/2 X 42	784003	248	0,1903
661774	Prestabo	Prestabo with thread	11172NUTee with SC 54x1/2x54 7 H 9	Tee with SC	11172NU	54 X 1/2 X 54	784010	320	0,0844
661784	Prestabo	Prestabo with thread	11172NUTee with SC 35x1/2x35 7 H 9	Tee with SC	11172NU	35 X 1/2 X 35	784027	154	0,116
661794	Prestabo	Prestabo with thread	11172NUTee with SC 42x3/4x42 7 H 9	Tee with SC	11172NU	42 X 3/4 X 42	784034	261	0,0844
661804	Prestabo	Prestabo with thread	11172NUTee with SC 35x3/4x35 7 H 9	Tee with SC	11172NU	35 X 3/4 X 35	784041	164,4	0,0368
661814	Prestabo	Prestabo with thread	11172NUTee with SC 28x3/4x28 7 H 9	Tee with SC	11172NU	28 X 3/4 X 28	784157	143,6	0,063
661854	Prestabo	Prestabo with thread	11172NUTee with SC 54x3/4x54 7 H 9	Tee with SC	11172NU	54 X 3/4 X 54	784164	336	0,0596
663074	Prestabo	Prestabo with thread	11172NUTee with SC 22x3/4x22 7 H 9	Tee with SC	11172NU	22 X 3/4 X 22	784171	125,8	0,0588
663104	Prestabo	Prestabo with thread	11172NUTee with SC 15x1/2x15 7 H 9	Tee with SC	11172NU	15 X 1/2 X 15	784188	73	0,0672
663114	Prestabo	Prestabo without thread	11151NUReducer with SC 42x22 7 H 9	Reducer with SC	11151NU	42 X 22	785086	121,6	0,214
663124	Prestabo	Prestabo without thread	11151NUReducer with SC 54x22 7 H 9	Reducer with SC	11151NU	54 X 22	785093	202	0,21
663134	Prestabo	Prestabo without thread	11151NUReducer with SC 35x15 7 H 9	Reducer with SC	11151NU	35 X 15	785109	76,8	0,0764
663144	Prestabo	Prestabo without thread	11151NUReducer with SC 28x15 7 H 9	Reducer with SC	11151NU	28 X 15	785116	58,4	0,114
663154	Prestabo	Prestabo without thread	11151NUReducer with SC 54x18 7 H 9	Reducer with SC	11151NU	54 X 18	785123	188	0,052
663204	Prestabo	Prestabo without thread	11161NUElbow 90°with SC 42 7 H 9	Elbow 90°with SC	11 161NU	42	785185	288	0,0392
664144	Prestabo	Prestabo without thread	11161NUElbow 90°with SC 54 7 H 9	Elbow 90°with SC	11161NU	54	785192	430	0,342
664164	Prestabo	Prestabo without thread	1126NU Elbow 45°with SC 54 7 H 9	Elbow 45°with SC	11 26NU	54	785208	330	0,1495
664184	Prestabo	Prestabo without thread	11261NUElbow 45°with SC 54 7 H 9	Elbow 45°with SC	11261NU	54	785215	314	0,246
664194	Prestabo	Prestabo without thread	1126NU Elbow 45°with SC 42 7 H 9	Elbow 45°with SC	11 26NU	42	785222	232	0,1148
664204	Prestabo	Prestabo without thread	11261NUElbow 45°with SC 42 7 H 9	Elbow 45°with SC	11261NU	42	785239	218	0,054

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
664214	Prestabo	Prestabo with thread	1114NU Elbow with SC 28x1 7 H 9	Elbow with SC	1114NU	28 X 1	785246	165,2	0,076
664224	Prestabo	Prestabo with thread	1114NU Elbow with SC 35x11/4 7 H 9	Elbow with SC	1114NU	35 X 1 1/4	785253	288,8	0,0468
664464	Prestabo	Prestabo with thread	1114NU Elbow with SC 18x1/2 7 H 9	Elbow with SC	1114NU	18 X 1/2	785260	62,4	0,0616
664474	Prestabo	Prestabo with thread	1114NU Elbow with SC 22x3/4 7 H 9	Elbow with SC	1114NU	22 X 3/4	785277	111	0,16
664494	Prestabo	Prestabo with thread	11145NUElbow with SC 18x1/2 7 H 9	Elbow with SC	11145NU	18 X 1/2	785284	60,8	0,0464
664504	Prestabo	Prestabo with thread	11145NUElbow with SC 28x1 7 H 9	Elbow with SC	11145NU	28 X 1	785291	147,6	0,0244
664514	Prestabo	Prestabo with thread	1114NU Elbow with SC 15x3/8 7 H 9	Elbow with SC	1114NU	15 X 3/8	784881	46	0,034
664624	Prestabo	Prestabo with thread	1114NU Elbow with SC 22x1/2 7 H 9	Elbow with SC	1114NU	22 X 1/2	784898	86,8	0,0196
664634	Prestabo	Prestabo with thread	11145NUElbow with SC 22x1/2 7 H 9	Elbow with SC	11145NU	22 X 1/2	784904	85	0,338
664644	Prestabo	Prestabo with thread	11145NUElbow with SC 22x3/4 7 H 9	Elbow with SC	11145NU	22 X 3/4	784911	103	0,3616
664654	Prestabo	Prestabo with thread	11141NUElbow with SC 15x3/8 7 H 9	Elbow with SC	11141NU	15 X 3/8	785444	82,5	0,566
664754	Prestabo	Prestabo with thread	11141NUElbow with SC 18x1/2 7 H 9	Elbow with SC	11141NU	18 X 1/2	784942	111	0,418
664764	Prestabo	Prestabo with thread	11142NUElbow 90°with SC 15x1/2 7 H 9	Elbow 90°with SC	11142N U	15 X 1/2	785376	163,6	0,176
664844	Prestabo	Prestabo with thread	11141NUElbow with SC 28x1 7 H 9	Elbow with SC	11141NU	28 X 1	785383	296	0,254
664924	Prestabo	Prestabo with thread	11142NUElbow 90°with SC 28x1/2 7 H 9	Elbow 90°with SC	11142N U	28 X 1/2	785390	256	0,506
664984	Prestabo	Prestabo-pipe	1106 Prestabo-pipe 15x1,5(600) 7 H 9	Prestabo-pipe	1106	15 X 1,5 (600)	656188	460	1,052
665004	Prestabo	Prestabo-pipe	1106 Prestabo-pipe 15x1,5(120) 7 H 9	Prestabo-pipe	1106	15 X 1,5 (120)	806996	465	0,81
665044	Prestabo	Prestabo-pipe	1106 Prestabo-pipe 18x1,5(240) 7 H 9	Prestabo-pipe	1106	18 X 1,5 (240)	656195	497	0,2748
665114	Prestabo	Prestabo-pipe	1106 Prestabo-pipe 18x1,5(60) 7 H 9	Prestabo-pipe	1106	18 X 1,5 (60)	807009	570	0,188
665214	Prestabo	Prestabo-pipe	1106 Prestabo-pipe 22x1,5(420) 7 H 9	Prestabo-pipe	1106	22 X 1,5 (420)	656201	728	0,442
665754	Prestabo	Prestabo-pipe	1106 Prestabo-pipe 22x1,5(60) 7 H 9	Prestabo-pipe	1106	22 X 1,5 (60)	807016	710	0,174
665764	Prestabo	Prestabo-pipe	1106 Prestabo-pipe 28x1,5(240) 7 H 9	Prestabo-pipe	1106	28 X 1,5 (240)	656218	947	0,1552
665944	Prestabo	Prestabo-pipe	1106 Prestabo-pipe 28x1,5(60) 7 H 9	Prestabo-pipe	1106	28 X 1,5 (60)	807023	925	0,068
667344	Prestabo	Prestabo-pipe	1106 Prestabo-pipe 35x1,5(180) 7 H 9	Prestabo-pipe	1106	35 X 1,5 (180)	656225	1190	0,38
668244	Prestabo	Prestabo-pipe	1106 Prestabo-pipe 35x1,5(30) 7 H 9	Prestabo-pipe	1106	35 X 1,5 (30)	807030	1168	0,08
668594	Prestabo	Prestabo-pipe	1106 Prestabo-pipe 42x1,5(120) 7 H 9	Prestabo-pipe	1106	42 X 1,5 (120)	656232	1400	0,068
685431	Prestabo	Prestabo-pipe	1106 Prestabo-pipe 42x1,5(30) 7 H 9	Prestabo-pipe	1106	42 X 1,5 (30)	807047	1420	0,0812
686684	Prestabo	Prestabo-pipe	1106 Prestabo-pipe 54x1,5(60) 7 H 9	Prestabo-pipe	1106	54 X 1,5 (60)	656249	1883	0,1196
686694	Prestabo	Prestabo-pipe	1106 Prestabo-pipe 54x1,5(30) 7 H 9	Prestabo-pipe	1106	54 X 1,5 (30)	807054	1800	0,0879

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
686714	Prestabo	Prestabo-pipe	1106XL Prestabo-pipe 76,1x2,0(30) 7 H 9	Prestabo-pipe	1106XL	76,1 X 2,0 (30)	656256	3455	0,234
686724	Prestabo	Prestabo-pipe	1106XL Prestabo-pipe 76,1x2,0(6) 7 H 9	Prestabo-pipe	1106XL	76,1 X 2,0 (6)	807085	3340	0,3156
686794	Prestabo	Prestabo-pipe	1106XL Prestabo-pipe 88,9x2,0(30) 7 H 9	Prestabo-pipe	1106XL	88,9 X 2,0 (30)	656263	3972	0,123
686804	Prestabo	Prestabo-pipe	1106XL Prestabo-pipe 88,9x2,0(6) 7 H 9	Prestabo-pipe	1106XL	88,9 X 2,0 (6)	807092	4044	0,0662
686814	Prestabo	Prestabo-pipe	1106XL Prestabo-pipe 108,0x2,0(30) 7 H 9	Prestabo-pipe	1106XL	108,0 X 2,0 (30)	656270	5141	0,062
686824	Prestabo	Prestabo-pipe	1106XL Prestabo-pipe 108,0x2,0(6) 7 H 9	Prestabo-pipe	1106XL	108,0 X 2,0 (6)	807061	4840	0,089
686834	Prestabo	Prestabo-pipe	1106XL Prestabo-pipe 64,0x2,0(30) 7 H 9	Prestabo-pipe	1106XL	64,0 X 2,0 (30)	656287	2997	0,2112
686844	Prestabo	Prestabo-pipe	1106XL Prestabo-pipe 64,0x2,0(6) 7 H 9	Prestabo-pipe	1106XL	64,0 X 2,0 (6)	807078	2900	0,21896
686874	Prestabo	Prestabo with thread	1111NU Adapter with SC 54x2 7 H 9	Adapter with SC	1111NU	54 X 2	788155	376	0,0468
686884	Prestabo	Prestabo with thread	1111NU Adapter with SC 42x11/4 7 H 9	Adapter with SC	1111NU	42 X 1 1/4	788162	208	0,046
686914	Prestabo	Prestabo with thread	1111NU Adapter with SC 42x11/2 7 H 9	Adapter with SC	1111NU	42 X 1 1/2	788179	256	0,0801
686924	Prestabo	Prestabo with thread	1111NU Adapter with SC 35x1 7 H 9	Adapter with SC	1111NU	35 X 1	788186	109,2	0,11975
686964	Prestabo	Prestabo with thread	1111NU Adapter with SC 35x11/2 7 H 9	Adapter with SC	1111NU	35 X 1 1/2	788193	218	0,0399
686974	Prestabo	Prestabo with thread	1111NU Adapter with SC 28x3/4 7 H 9	Adapter with SC	1111NU	28 X 3/4	788209	86,4	0,0633
686984	Prestabo	Prestabo with thread	1111NU Adapter with SC 22x1/2 7 H 9	Adapter with SC	1111NU	22 X 1/2	788216	59,6	0,067
686994	Prestabo	Prestabo with thread	1111NU Adapter with SC 18x3/4 7 H 9	Adapter with SC	1111NU	18 X 3/4	788223	61	0,0874
687014	Prestabo	Prestabo with thread	11111NUPlug-in piece 28x1 7 H 9	Plug-in piece	11111NU	28 X 1	788254	109,6	0,0855
687024	Prestabo	Prestabo with thread	11111NUPlug-in piece 22x3/4 7 H 9	Plug-in piece	11111NU	22 X 3/4	788261	78	0,1903
687034	Prestabo	Prestabo with thread	11111NUPlug-in piece 18x1/2 7 H 9	Plug-in piece	11111NU	18 X 1/2	788278	46	0,145
687044	Prestabo	Prestabo with thread	1112NU Adapter with SC 42x11/4 7 H 9	Adapter with SC	1112NU	42 X 1 1/4	788292	190	0,24
687054	Prestabo	Prestabo with thread	1112NU Adapter with SC 54x2 7 H 9	Adapter with SC	1112NU	54 X 2	788308	366	0,37176
687144	Prestabo	Prestabo with thread	1112NU Adapter with SC 42x11/2 7 H 9	Adapter with SC	1112NU	42 X 1 1/2	788315	230	0,312
687174	Prestabo	Prestabo with thread	1112NU Adapter with SC 35x1 7 H 9	Adapter with SC	1112NU	35 X 1	788322	154,8	0,2294
687214	Prestabo	Prestabo with thread	1112NU Adapter with SC 22x1/2 7 H 9	Adapter with SC	1112NU	22 X 1/2	788339	65,2	1,01
687224	Prestabo	Prestabo with thread	1112NU Adapter with SC 35x11/4 7 H 9	Adapter with SC	1112NU	35 X 1 1/4	788346	145,6	1,22
687234	Prestabo	Prestabo with thread	1112NU Adapter with SC 35x3/4 7 H 9	Adapter with SC	1112NU	35 X 3/4	788353	190,3	1,378
687344	Prestabo	Prestabo with thread	1112NU Adapter with SC 28x3/4 7 H 9	Adapter with SC	1112NU	28 X 3/4	788360	84,4	0,071
687354	Prestabo	Prestabo with thread	1112NU Adapter with SC 28x1/2 7 H 9	Adapter with SC	1112NU	28 X 1/2	788377	116	0,25
687374	Prestabo	Prestabo with thread	1112NU Adapter with SC 22x1 7 H 9	Adapter with SC	1112NU	22 X 1	788384	84,4	0,3301

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
687414	Prestabo	Prestabo with thread	1112NU Adapter with SC 15x3/8 7 H 9	Adapter with SC	1112NU	15 X 3/8	788391	36,8	0,0933
687444	Prestabo	Prestabo with thread	1112NU Adapter with SC 18x3/4 7 H 9	Adapter with SC	1112NU	18 X 3/4	788407	63	0,0991
687454	Prestabo	Prestabo with thread	1112NU Adapter with SC 15x3/4 7 H 9	Adapter with SC	1112NU	15 X 3/4	788414	59,6	0,111
687494	Prestabo	Prestabo with thread	11121NUPlug-in piece 15x1/2 7 H 9	Plug-in piece	11121NU	15 X 1/2	788438	58,8	0,139
687534	Prestabo	Prestabo with thread	11121NUPlug-in piece 22x3/4 7 H 9	Plug-in piece	11121NU	22 X 3/4	788469	67,2	0,0728
687564	Prestabo	Prestabo without thread	11151NUReducer with SC 54x42 7 H 9	Reducer with SC	11151NU	54 X 42	789404	214	0,119
687574	Prestabo	Prestabo without thread	11151NUReducer with SC 54x35 7 H 9	Reducer with SC	11151NU	54 X 35	789411	210	0,1134
687594	Prestabo	Prestabo without thread	11151NUReducer with SC 35x22 7 H 9	Reducer with SC	11151NU	35 X 22	789428	76,4	0,23
687844	Prestabo	Prestabo without thread	11151NUReducer with SC 42x28 7 H 9	Reducer with SC	11151NU	42 X 28	789435	114	0,124
687854	Prestabo	Prestabo without thread	11151NUReducer with SC 28x18 7 H 9	Reducer with SC	11151NU	28 X 18	789442	52	0,1276
687864	Prestabo	Prestabo without thread	11151NUReducer with SC 22x15 7 H 9	Reducer with SC	11151NU	22 X 15	789756	39,2	0,1593
687874	Prestabo	Prestabo without thread	11155NUSliding coupling with SC 54 7 H 9	Sliding coupling with SC	11155NU	54	789763	342	0,253
687884	Prestabo	Prestabo without thread	11155NUSliding coupling with SC 35 7 H 9	Sliding coupling with SC	11155NU	35	789770	149,5	0,2794
687894	Prestabo	Prestabo without thread	11155NUSliding coupling with SC 42 7 H 9	Sliding coupling with SC	11155NU	42	789787	246	0,3784
687904	Prestabo	Prestabo without thread	11155NUSliding coupling with SC 28 7 H 9	Sliding coupling with SC	11155NU	28	789794	114,8	0,516
687914	Prestabo	Prestabo without thread	11155NUSliding coupling with SC 18 7 H 9	Sliding coupling with SC	11155NU	18	789800	54	0,832
687944	Prestabo	Prestabo without thread	11155NUSliding coupling with SC 22 7 H 9	Sliding coupling with SC	11155NU	22	789817	76	1,88
687954	Prestabo	Prestabo without thread	11155NUSliding coupling with SC 15 7 H 9	Sliding coupling with SC	11155NU	15	789824	46,8	2,1
687964	Prestabo	Prestabo without thread	1156NU Cap with SC 35 7 H 9	Cap with SC	1156NU	35	789855	61,6	2,475
687974	Prestabo	Prestabo without thread	1156NU Cap with SC 54 7 H 9	Cap with SC	1156NU	54	789862	160	0,014
687984	Prestabo	Prestabo without thread	1156NU Cap with SC 28 7 H 9	Cap with SC	1156NU	28	789879	46,4	0,0213
687994	Prestabo	Prestabo without thread	1156NU Cap with SC 18 7 H 9	Cap with SC	1156NU	18	789886	24,4	0,0259
688004	Prestabo	Prestabo without thread	1156NU Cap with SC 22 7 H 9	Cap with SC	1156NU	22	789893	34	0,039
688014	Prestabo	Prestabo without thread	1156NU Cap with SC 15 7 H 9	Cap with SC	1156NU	15	789909	19,6	0,047
688024	Prestabo	Prestabo with thread	1163NU Union with SC 42x2 7 H 9	Union with SC	1163NU	42 X 2	789985	338	0,0635
688034	Prestabo	Prestabo with thread	1162NU Union with SC 35x11/4 7 H 9	Union with SC	1162NU	35 X 1 1/4	789992	361,6	0,1266
688044	Prestabo	Prestabo with thread	1165NU Union with SC 42x11/2 7 H 9	Union with SC	1165NU	42 X 1 1/2	790004	566	0,169
688984	Prestabo	Prestabo with thread	1165NU Union with SC 35x11/4 7 H 9	Union with SC	1165NU	35 X 1 1/4	790011	418	0,0713
688994	Prestabo	Prestabo with thread	1163NU Union with SC 28x11/2 7 H 9	Union with SC	1163NU	28 X 1 1/2	790028	176	0,0949

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
689014	Prestabo	Prestabo with thread	1165NU Union with SC 28x1 7 H 9	Union with SC	1165NU	28 X 1	790042	254	0,0554
689024	Prestabo	Prestabo with thread	1162NU Union with SC 42x11/2 7 H 9	Union with SC	1162NU	42 X 1 1/2	789633	506	0,0356
689034	Prestabo	Prestabo with thread	1165NU Union with SC 54x2 7 H 9	Union with SC	1165NU	54 X 2	789640	1052	0,06
689044	Prestabo	Prestabo with thread	1162NU Union with SC 54x2 7 H 9	Union with SC	1162NU	54 X 2	790059	810	0,1058
689331	Prestabo	Prestabo with thread	1162NU Union with SC 28x1 7 H 9	Union with SC	1162NU	28 X 1	790066	274,8	0,1644
689344	Prestabo	Prestabo with thread	1163NU Union with SC 35x11/2 7 H 9	Union with SC	1163NU	35 X 1 1/2	790073	188	0,0522
705063	Prestabo	Prestabo with thread	1160NU Union with SC 35 7 H 9	Union with SC	1160NU	35	790103	442	2,68
705073	Prestabo	Prestabo with thread	1163NU Union with SC 22x11/2 7 H 9	Union with SC	1163NU	22 X 1 1/2	790141	174	1,458

Conversion table for length weights

Material	System	Product subgroup	Material short text	Designation	Model-No.	Dimension	Item-No.	Mass in g	Mass in kg/m	Conversion factor
334154	Prestabo	Prestabo pipes	1103XL PRESTABO PIPE 64.0X2.0(60) 7 H 9	Prestabo pipe	1103XL	64.0 X 2.0 (60)	598327	3058	3.06	0.58
334156	Prestabo	Prestabo pipes	1103XL PRESTABO PIPE 64.0X2.0(6) 7 H 9	Prestabo pipe	1103XL	64.0 X 2.0 (6)	806897	3061	3.06	0.59
334164	Prestabo	Prestabo pipes	1103XL PRESTABO PIPE 76.1X2.0(30) 7 H 9	Prestabo pipe	1103XL	76.1 X 2.0 (30)	598334	3655	3.66	0.70
334166	Prestabo	Prestabo pipes	1103XL PRESTABO PIPE 76.1X2.0(6) 7 H 9	Prestabo pipe	1103XL	76.1 X 2.0 (6)	806903	3655	3.66	0.70
334174	Prestabo	Prestabo pipes	1103XL PRESTABO PIPE 88.9X2.0(30) 7 H 9	Prestabo pipe	1103XL	88.9 X 2.0 (30)	598341	4286	4.29	0.82
334176	Prestabo	Prestabo pipes	1103XL PRESTABO PIPE 88.9X2.0(6) 7 H 9	Prestabo pipe	1103XL	88.9 X 2.0 (6)	806910	4295	4.30	0.82
334184	Prestabo	Prestabo pipes	1103XL PRESTABO PIPE 108.0X2.0(30) 7 H 9	Prestabo pipe	1103XL	108.0 X 2.0 (30)	598358	5228	5.23	1.00
334186	Prestabo	Prestabo pipes	1103XL PRESTABO PIPE 108.0X2.0(6) 7 H 9	Prestabo pipe	1103XL	108.0 X 2.0 (6)	806880	5200	5.20	0.99
335452	Prestabo	Prestabo pipes	1104 PRESTABO PIPE 15X1.2(120) 7 IA9	Prestabo pipe	1104	15 X 1.2 (600)	577117	457	0.46	0.09
335456	Prestabo	Prestabo pipes	1104 PRESTABO PIPE 18X1.2(240) 7 IA9	Prestabo pipe	1104	15 X 1.2 (120)	806927	457	0.46	0.09
335462	Prestabo	Prestabo pipes	1104 PRESTABO PIPE 18X1.2(60) 7 IA9	Prestabo pipe	1104	18 X 1.2 (240)	577124	563	0.56	0.11
335466	Prestabo	Prestabo pipes	1104 PRESTABO PIPE 22X1.5(420) 7 IA9	Prestabo pipe	1104	18 X 1.2 (60)	806934	566	0.57	0.11
335472	Prestabo	Prestabo pipes	1104 PRESTABO PIPE 22X1.5(60) 7 IA9	Prestabo pipe	1104	22 X 1.5 (420)	577131	795	0.80	0.15
335476	Prestabo	Prestabo pipes	1104 PRESTABO PIPE 28X1.5(240) 7 IA9	Prestabo pipe	1104	22 X 1.5 (60)	806941	795	0.80	0.15
335482	Prestabo	Prestabo pipes	1104 PRESTABO PIPE 28X1.5(60) 7 IA9	Prestabo pipe	1104	28 X 1.5 (240)	577148	1037	1.04	0.20
335486	Prestabo	Prestabo pipes	1104 PRESTABO PIPE 42X1.5(120) 7 IA9	Prestabo pipe	1104	28 X 1.5 (60)	806958	1037	1.04	0.20
335492	Prestabo	Prestabo pipes	1104 PRESTABO PIPE 42X1.5(30) 7 IA9	Prestabo pipe	1104	35 X 1.5 (180)	577551	1298	1.30	0.25
335496	Prestabo	Prestabo pipes	1104 PRESTABO PIPE 54X1.5(60) 7 IA9	Prestabo pipe	1104	35 X 1.5 (30)	806965	1305	1.31	0.25
335502	Prestabo	Prestabo pipes	1103 PRESTABO PIPE 12X1.2(600) 7 H 9	Prestabo pipe	1104	42 X 1.5 (120)	577568	1563	1.56	0.30
335506	Prestabo	Prestabo pipes	1103 PRESTABO PIPE 12X1.2(60) 7 H 9	Prestabo pipe	1104	42 X 1.5 (30)	806972	1563	1.56	0.30
335512	Prestabo	Prestabo pipes	11031 PRESTABO PIPE 15X1.2X3M(60) 7 H 9	Prestabo pipe	1104	54 X 1.5 (60)	577575	2010	2.01	0.38
335516	Prestabo	Prestabo pipes	1103 PRESTABO PIPE 15X1.2(600) 7 H 9	Prestabo pipe	1104	54 X 1.5 (30)	806989	2010	2.01	0.38
477664	Prestabo	Prestabo pipes	1103 PRESTABO PIPE 15X1.2(120) 7 H 9	Prestabo pipe	1103	12 X 1.2 (600)	650339	328	0.33	0.06

Material	System	Product subgroup	Material short text	Designation	Model-No.	Dimension	Item-No.	Mass in g	Mass in kg/m	Conversion factor
477666	Prestabo	Prestabo pipes	1103 PRESTABO PIPE 15X1.2(60) 7 H 9	Prestabo pipe	1103	12 X 1.2 (60)	806408	320	0.32	0.06
479154	Prestabo	Prestabo pipes	1103 PRESTABO PIPE 18X1.2(240) 7 H 9	Prestabo pipe	11031	15 X 1.2 X 3M (60)	745059	408	0.41	0.08
479201	Prestabo	Prestabo pipes	1103 PRESTABO PIPE 18X1.2(60) 7 H 9	Prestabo pipe	1103	15 X 1.2 (600)	559441	408	0.41	0.08
479206	Prestabo	Prestabo pipes	1103 PRESTABO PIPE 18X1.2(30) 7 H 9	Prestabo pipe	1103	15 X 1.2 (120)	806415	420	0.42	0.08
479207	Prestabo	Prestabo pipes	1103 PRESTABO PIPE 22X1.5(420) 7 H 9	Prestabo pipe	1103	15 X 1.2 (60)	649234	408	0.41	0.08
479211	Prestabo	Prestabo pipes	1103 PRESTABO PIPE 22X1.5(60) 7 H 9	Prestabo pipe	1103	18 X 1.2 (240)	559458	497	0.50	0.10
479216	Prestabo	Prestabo pipes	1103 PRESTABO PIPE 22X1.5(30) 7 H 9	Prestabo pipe	1103	18 X 1.2 (60)	806422	510	0.51	0.10
479217	Prestabo	Prestabo pipes	1103 PRESTABO PIPE 28X1.5(240) 7 H 9	Prestabo pipe	1103	18 X 1.2 (30)	649241	517	0.52	0.10
479221	Prestabo	Prestabo pipes	1103 PRESTABO PIPE 28X1.5(60) 7 H 9	Prestabo pipe	1103	22 X 1.5 (420)	559465	758	0.76	0.14
479226	Prestabo	Prestabo pipes	1103 PRESTABO PIPE 28X1.5(30) 7 H 9	Prestabo pipe	1103	22 X 1.5 (60)	806439	750	0.75	0.14
479227	Prestabo	Prestabo pipes	1103 PRESTABO PIPE 42X1.5(120) 7 H 9	Prestabo pipe	1103	22 X 1.5 (30)	650155	758	0.76	0.14
479231	Prestabo	Prestabo pipes	1103 PRESTABO PIPE 42X1.5(30) 7 H 9	Prestabo pipe	1103	28 X 1.5 (240)	559472	980	0.98	0.19
479236	Prestabo	Prestabo pipes	1103 PRESTABO PIPE 42X1.5(6) 7 H 9	Prestabo pipe	1103	28 X 1.5 (60)	806446	980	0.98	0.19
479237	Prestabo	Prestabo pipes	1103 PRESTABO PIPE 35X1.5(180) 7 H 9	Prestabo pipe	1103	28 X 1.5 (30)	650162	950	0.95	0.18
479241	Prestabo	Prestabo pipes	1103 PRESTABO PIPE 35X1.5(30) 7 H 9	Prestabo pipe	1103	42 X 1.5 (120)	559489	1498	1.50	0.29
479246	Prestabo	Prestabo pipes	1103 PRESTABO PIPE 54X1.5(60) 7 H 9	Prestabo pipe	1103	42 X 1.5 (30)	806866	1475	1.48	0.28
479247	Prestabo	Prestabo pipes	1103 PRESTABO PIPE 54X1.5(30) 7 H 9	Prestabo pipe	1103	42 X 1.5 (6)	650179	1460	1.46	0.28
479251	Prestabo	Prestabo pipes	1103 PRESTABO PIPE 54X1.5(6) 7 H 9	Prestabo pipe	1103	35 X 1.5 (180)	559496	1239	1.24	0.24
479256	Prestabo	Prestabo pipes	11033 PRESTABO PIPE 15X1.2X3M(60) 7 H 9	Prestabo pipe	1103	35 X 1.5 (30)	806859	1215	1.22	0.23
479261	Prestabo	Prestabo pipes	11033 PRESTABO PIPE 18X1.2X3M(30) 7 H 9	Prestabo pipe	1103	54 X 1.5 (60)	559502	1942	1.94	0.37
479266	Prestabo	Prestabo pipes	11033 PRESTABO PIPE 22X1.5X3M(30) 7 H 9	Prestabo pipe	1103	54 X 1.5 (30)	806873	1870	1.87	0.36
479267	Prestabo	Prestabo pipes	11033 PRESTABO PIPE 28X1.5X3M(30) 7 H 9	Prestabo pipe	1103	54 X 1.5 (6)	650186	1950	1.95	0.37
480004	Prestabo	Prestabo pipes	11033 PRESTABO PIPE 35X1.5X3M(15) 7 H 9	Prestabo pipe	11033	15 X 1.2 X 3M (60)	753504	410	0.41	0.08
480014	Prestabo	Prestabo pipes	11033 PRESTABO PIPE 42X1.5X3M(15) 7 H 9	Prestabo pipe	11033	18 X 1.2 X 3M (30)	753511	510	0.51	0.10

Material	System	Product subgroup	Material short text	Designation	Model-No.	Dimension	Item-No.	Mass in g	Mass in kg/m	Conversion factor
480024	Prestabo	Prestabo pipes	11033 PRESTABO PIPE 54X1.5X3M(15) 7 H 9	Prestabo pipe	11033	22 X 1.5 X 3M (30)	753528	750	0.75	0.14
480034	Prestabo	Prestabo pipes	1106 PRESTABO PIPE 15X1.5(600) 7 H 9	Prestabo pipe	11033	28 X 1.5 X 3M (30)	753535	960	0.96	0.18
480044	Prestabo	Prestabo pipes	1106 PRESTABO PIPE 15X1.5(120) 7 H 9	Prestabo pipe	11033	35 X 1.5 X 3M (15)	753542	1229	1.23	0.23
480054	Prestabo	Prestabo pipes	1106 PRESTABO PIPE 18X1.5(240) 7 H 9	Prestabo pipe	11033	42 X 1.5 X 3M (15)	754051	1475	1.48	0.28
480064	Prestabo	Prestabo pipes	1106 PRESTABO PIPE 18X1.5(60) 7 H 9	Prestabo pipe	11033	54 X 1.5 X 3M (15)	754068	1942	1.94	0.37
647724	Prestabo	Prestabo pipes	1106 PRESTABO PIPE 22X1.5(420) 7 H 9	Prestabo pipe	1106	15 X 1.5 (600)	656188	460	0.46	0.09
647726	Prestabo	Prestabo pipes	1106 PRESTABO PIPE 22X1.5(60) 7 H 9	Prestabo pipe	1106	15 X 1.5 (120)	806996	465	0.47	0.09
647734	Prestabo	Prestabo pipes	1106 PRESTABO PIPE 28X1.5(240) 7 H 9	Prestabo pipe	1106	18 X 1.5 (240)	656195	497	0.50	0.10
647736	Prestabo	Prestabo pipes	1106 PRESTABO PIPE 28X1.5(60) 7 H 9	Prestabo pipe	1106	18 X 1.5 (60)	807009	570	0.57	0.11
647744	Prestabo	Prestabo pipes	1106 PRESTABO PIPE 35X1.5(180) 7 H 9	Prestabo pipe	1106	22 X 1.5 (420)	656201	728	0.73	0.14
647746	Prestabo	Prestabo pipes	1106 PRESTABO PIPE 35X1.5(30) 7 H 9	Prestabo pipe	1106	22 X 1.5 (60)	807016	710	0.71	0.14
647754	Prestabo	Prestabo pipes	1106 PRESTABO PIPE 42X1.5(120) 7 H 9	Prestabo pipe	1106	28 X 1.5 (240)	656218	947	0.95	0.18
647756	Prestabo	Prestabo pipes	1106 PRESTABO PIPE 42X1.5(30) 7 H 9	Prestabo pipe	1106	28 X 1.5 (60)	807023	925	0.93	0.18
647764	Prestabo	Prestabo pipes	1106 PRESTABO PIPE 54X1.5(60) 7 H 9	Prestabo pipe	1106	35 X 1.5 (180)	656225	1190	1.19	0.23
647766	Prestabo	Prestabo pipes	1106 PRESTABO PIPE 54X1.5(30) 7 H 9	Prestabo pipe	1106	35 X 1.5 (30)	807030	1168	1.17	0.22
647774	Prestabo	Prestabo pipes	1106XL PRESTABO PIPE 76.1X2.0(30) 7 H 9	Prestabo pipe	1106	42 X 1.5 (120)	656232	1400	1.40	0.27
647776	Prestabo	Prestabo pipes	1106XL PRESTABO PIPE 76.1X2.0(6) 7 H 9	Prestabo pipe	1106	42 X 1.5 (30)	807047	1420	1.42	0.27
647784	Prestabo	Prestabo pipes	1106XL PRESTABO PIPE 88.9X2.0(30) 7 H 9	Prestabo pipe	1106	54 X 1.5 (60)	656249	1883	1.88	0.36
647786	Prestabo	Prestabo pipes	1106XL PRESTABO PIPE 88.9X2.0(6) 7 H 9	Prestabo pipe	1106	54 X 1.5 (30)	807054	1800	1.80	0.34
647794	Prestabo	Prestabo pipes	1106XL PRESTABO PIPE 108.0X2.0(30) 7 H 9	Prestabo pipe	1106XL	76.1 X 2.0 (30)	656256	3455	3.46	0.66
647796	Prestabo	Prestabo pipes	1106XL PRESTABO PIPE 108.0X2.0(6) 7 H 9	Prestabo pipe	1106XL	76.1 X 2.0 (6)	807085	3340	3.34	0.64
647804	Prestabo	Prestabo pipes	1106XL PRESTABO PIPE 64.0X2.0(30) 7 H 9	Prestabo pipe	1106XL	88.9 X 2.0 (30)	656263	3972	3.97	0.76
647806	Prestabo	Prestabo pipes	1106XL PRESTABO PIPE 64.0X2.0(6) 7 H 9	Prestabo pipe	1106XL	88.9 X 2.0 (6)	807092	4044	4.04	0.77
647814	Prestabo	Prestabo pipes	1106XL Prestabo-Rohr 108.0x2.0(30) 7 H 9	Prestabo pipe	1106XL	108.0 X 2.0 (30)	656270	5141	5.14	0.98

Material	System	Product subgroup	Material short text	Designation	Model-No.	Dimension	Item-No.	Mass in g	Mass in kg/m	Conversion factor
647816	Prestabo	Prestabo pipes	1106XL Prestabo-Rohr 108.0x2.0(6) 7 H 9	Prestabo pipe	1106XL	108.0 X 2.0 (6)	807061	4840	4.84	0.93
647824	Prestabo	Prestabo pipes	1106XL Prestabo-Rohr 64.0x2.0(30) 7 H 9	Prestabo pipe	1106XL	64.0 X 2.0 (30)	656287	2997	3.00	0.57
647826	Prestabo	Prestabo pipes	1106XL Prestabo-Rohr 64.0x2.0(6) 7 H 9	Prestabo pipe	1106XL	64.0 X 2.0 (6)	807078	2900	2.90	0.55

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Notes
This EPD is mainly based on the work and findings of Institut für Fenstertechnik e.V., Rosenheim (ift Rosenheim) and specifically on ift-Guideline NA-01/3 “Allgemeiner Leitfaden zur Erstellung von Typ III Umweltproduktdeklarationen” (Guidance on preparing Type III Environmental Product Declarations).
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Layout
ift Rosenheim GmbH – 2021

Photographs (front page)
Viega GmbH & Co. KG

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