

Environmental Product Declaration



Declaration Code: EPD-VPP-GB-67.0



**Viega GmbH
& Co KG**

Connecting technology

Profipress/ProPress



Basis:

DIN EN ISO 14025
EN15804

Company EPD
Environmental
Product Declaration

Publication date:
12.01.2023

Next revision:
12.01.2028



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| | | | |
|--|---|------------------------------|------------------------------|
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| Practitioner of the LCA | Viega GmbH & Co KG Viega Platz 1 D-57439 Attendorn | | |
| Declaration holder | Viega GmbH & Co KG Viega Platz 1 D-57439 Attendorn www.viega.de | | |
| Declaration code | EPD-VPP-GB-67.0 | | |
| Designation of declared product | Profipress/ProPress | | |
| Scope | Connecting and fitting technology for use in piping systems. | | |
| 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" (Guidance on preparing 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: 12.01.2023 | Last revision: 05.08.2024 | Next revision: 12.01.2028 |
| | 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 two Viega GmbH & Co KG production plants, 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" life cycle including all upstream chains (e.g. raw material extraction, etc.). | | |
| Notes | The "Conditions and Guidance on the Use of ift Test Documents" apply. The declaration holder assumes full liability for the underlying data, certificates and verifications. | | |

Christian Kehrer
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1 General product information

Product definition

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

**1 kg Profipress/ProPress
made by Viega GmbH & Co KG**

The functional unit is obtained by summing up:

| Assessed product | Piece weight |
|---------------------|-----------------|
| Profipress/ProPress | > 0 – 5,370 kg* |

Table 1: Product groups

*The relevant piece weights [kg/piece] are specified in the conversion table of the background report in accordance with Part B of the PCR.
Specification of weights per unit length is not possible.

The average unit is declared as follows:

Directly used material flows are determined using the masses produced (kg) and assigned to the declared unit. All other inputs and outputs in the production were scaled to the declared unit in their entirety since no typical functional unit was available due to the great diversity of variants. The reference period is the year 2021.

Excluded from the validity of the EPD are the following products:

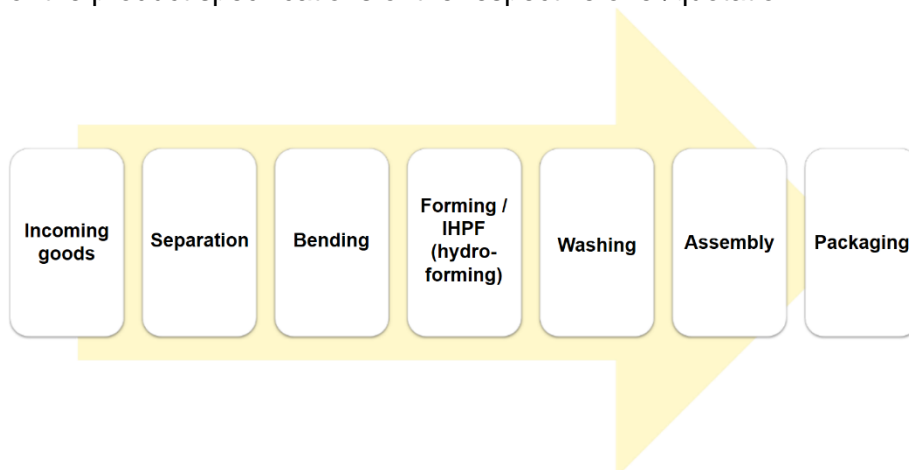
- Gunmetal

Product description

Flow-optimised press connector system made of copper (99.9 % Cu-DHP) for copper pipes. The press connector features a cylindrical pipe guide to protect the sealing element. Press connector sizes ranging from 64.0 diameter with stainless steel cutting ring to ensure the mechanical strength of the connection. 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



Product group: “connecting technology”

| | |
|-------------------------------|--|
| Scope | Connecting and fitting technology for the transport of media (liquid and gaseous) inside buildings. |
| Verifications | For information on updated verifications (incl. other national approvals) refer to www.viega.de . |
| Management systems | The following management systems are in place: <ul style="list-style-type: none"> • Quality management system to DIN EN ISO 9001:2015 • Energy management system to DIN EN ISO 50001:2018 • Environmental management system to DIN EN ISO 14001:2015 • Occupational health and safety management system to DIN EN ISO 45001:2018 |
| Additional information | For additional verification of applicability or conformity refer to the CE marking and the documents accompanying the product, if applicable. |

2 Materials used

| | |
|------------------------------|---|
| Primary materials | The primary materials used are listed in the LCA (see Section 7). |
| Declarable substances | The brass and gunmetal materials contain substances from the REACH candidate list (declaration dated 25 November 2022). All relevant safety data sheets are available from Viega GmbH & Co KG. |

3 Construction process stage

| | |
|---|--|
| Processing recommendations, installation | Observe the instructions for mounting/installation, operation, maintenance and disassembly, provided by the manufacturer. For this refer to www.viega.de or www.viega.us |
|---|--|

4 Use stage

| | |
|-------------------------------------|---|
| Emissions to the environment | No emissions to indoor air, water and soil are known. There may be VOC emissions. |
| Reference service life (RSL) | The RSL information was provided by the manufacturer. The RSL shall be specified under defined reference in-use conditions and shall refer to the declared technical and functional performance of the product within the building. It shall be established in accordance with any specific rules given in European product standards, or, if not available, in a c-PCR. It shall also take into account ISO 15686-1, -2, -7 and -8. Where European product standards or a c-PCR provide guidance on deriving the RSL, such guidance shall have priority. 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:

A reference service life (RSL) must be stated for the “cradle to grave” EPD and module D (A + B + C + D).

According to the manufacturer, a 50-year service life has been specified for the Profipress/ProPress made by Viega GmbH & Co KG.

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

- Outdoor environment: No climatic influences known that have a negative impact on the reference service life.
- Indoor environment: No impacts known that have a negative effect on the reference service life.

The service life applies solely to the characteristics specified in this EPD or the corresponding references.

The reference service life (RSL) does not reflect the actual life span, which is usually determined by the service life and the refurbishment 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

The Profipress/ProPress products are shipped to central collection points. There the products are generally shredded and sorted into their original 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.

This EPD shows the end-of-life modules according to the market situation.

Specific parts of metals are recycled. Residual fractions are sent to landfill or partially 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, a life cycle assessment (LCA) has been prepared for Profipress/ProPress. The LCA is in conformity with 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

Goal

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. In addition, environmental impacts of selected environmental impact indicators are indicated according to the TRACI method

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

The specific data originate exclusively from the 2021 fiscal year. They were collected on-site at the plants located in Großheringen, Germany and McPherson, USA and originate in parts from company records and partly from values directly obtained by measurement. The consistency and validity of the data were checked by Viega GmbH & Co KG .

The generic data originate from the Ecoinvent 3 data base (v3.8 with aggregated inputs) and Ecoinvent EN 15804. The last update of both databases was in 2021. 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.

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 LCA +" for the development of life cycle assessments.

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 the Profipress/ProPress products.

No additional data from pre-suppliers/subcontractors were taken into consideration.

Cut-off criteria

All the data that the company records, i.e. all commodities/input and raw materials used, the thermal energy used 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 were taken into consideration as a function of 100% of the mass of the products. The transport mix is composed as follows:

- 90% truck, 32 – 40 t total weight, Euro 4, freight, 80% capacity used, 614,792 km, diesel;
- 8% freight train, electrical and diesel operated, 546,482km;
- 2% seagoing vessel, heavy oil, 68,310 km.

The remaining 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. All in all, 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

Goal

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

Life cycle stages

The Annex shows the entire Profipress/ProPress life cycle. 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

The manufacture of the product does not give rise to any allocations.

Allocations for re-use, recycling and recovery

If the products are re-used/recycled and recovered during the product stage (rejects), the components are shredded, if necessary and then sorted into their single 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

Use of recycled materials in the manufacturing process was based on the current market-specific situation.



A recycling potential that reflects the economic value of the product after recycling (recyclate) was also taken into account.
The secondary material included as inputs in Profipress/ProPress, is calculated as input without loads. No benefits are allocated to module D, but consumption is allocated to modules C3 and C4 (worst case scenario).
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 used.

Inputs

The LCA includes the following production-relevant inputs per of 1 kg Profipress/ProPress:

Energy

The gas input material is based on “natural gas, high pressure Deutschland” (Germany natural gas, high pressure). Cooling (thermal) was based on “cooling energy global”.
The electricity mix is based on “Strommix Viega” (Viega electricity mix) (see Table 2).

| Electricity disclosure of energy supplier | Shares in % |
|---|-------------|
| Electricity, high voltage Germany | 74.2 |
| Electricity, high voltage, US | 25.8 |

Table 2: “Viega” electricity mix

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

Water

The water consumed by the individual process steps for the production amounts to a total of 0.29 l per kg of the element.
The consumption of fresh water specified in Section 6.3 originates (among others) from the process chain of the pre-products as well as the ball burnishing plant, emulsion and social areas.

Raw material/pre-products

The chart below shows the share of raw materials/pre-products in %.

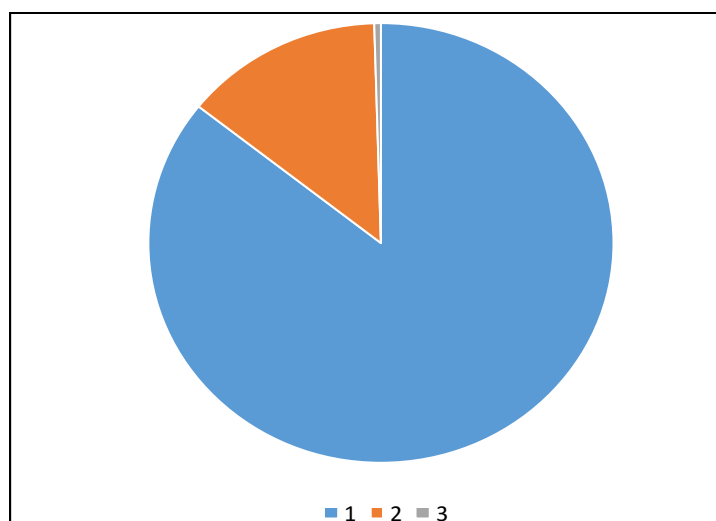


Figure 1: Percentage of individual materials per declared unit

| No. | Material | Mass in % |
|-----|----------|-----------|
| 1 | Copper | 85.7 |
| 2 | Steel | 13.9 |
| 3 | PE | 0.5 |

Table 3: Percentage of individual materials per declared unit

Ancillary materials and consumables

2.53E-03 g and 1.23E-03 l ancillary materials and consumables are used.

Product packaging

The amounts used for product packaging are as follows:

| No. | Material | Mass in g |
|-----|------------------------------|-----------|
| 1 | Wood | 0.02 |
| 2 | Cardboard, paper, paperboard | 59.60 |
| 3 | PP straps | 0.25 |
| 4 | Plastics (PE) | 8.01 |
| 5 | Plastics (PS) | 0.03 |

Table 4: Weight in kg of packaging per declared unit

Biogenic carbon content

Only the biogenic carbon content of the associated packaging is specified, as the total mass of substances containing biogenic carbon is less than 5% of the total mass of the product and associated packaging. According to EN 16449, packaging produces the following amounts of biogenic carbon :

| No. | Component | Content in kg C |
|-----|-----------------------------|-----------------|
| 1 | In the associated packaging | 1.13E-03 |

Table 5: Biogenic carbon content of packaging at gate

Outputs

The LCA includes the following production-relevant outputs per of 1 kg Profipress/ProPress:

Waste

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

Waste water

The manufacture does not produce any waste water.

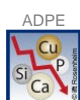
6.3 Impact assessment**Goal**

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

Impact categories

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

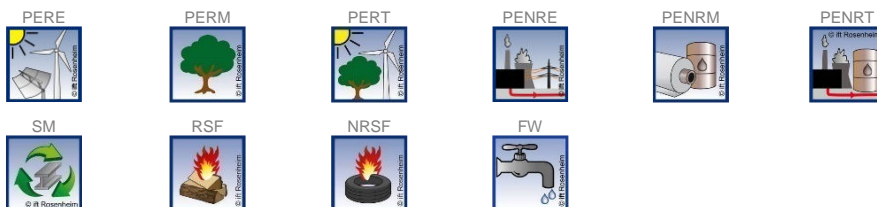
- depletion of abiotic resources- minerals and metals;
- depletion of abiotic resources- fossil fossil fuels;
- acidification;
- ozone depletion;
- climate change - total;
- climate change - fossil;
- climate change - biogenic;
- climate change - land use and land use change;
- eutrophication aquatic fresh water;
- eutrophication aquatic marine;
- eutrophication terrestrial;
- photochemical ozone creation;
- water use.

**Use of resources**

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

- renewable primary energy as energy resource;
- renewable primary energy for material use;
- total use of renewable primary energy;
- non-renewable primary energy as energy resource;
- renewable primary energy for material use;
- total use of non-renewable primary energy;
- use of secondary materials;
- use of renewable secondary fuels;

- use of non-renewable secondary fuels;
- net use of fresh water resources.

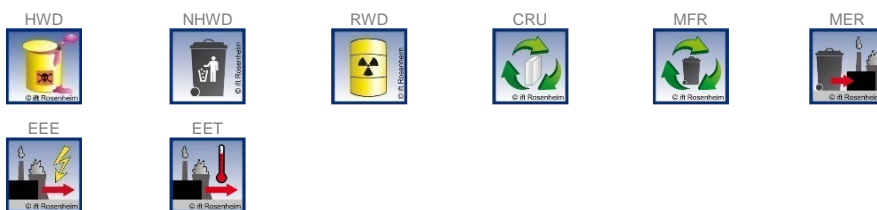


Waste

The waste generated during the production of 1 kg Profipress/ProPress 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 waste categories and indicators for output material flows presented in the EPD are as follows:

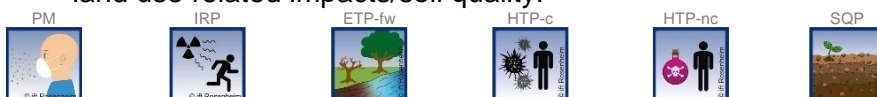
- hazardous waste disposed;
- non-hazardous waste disposed;
- radioactive waste;
- components for further use;
- materials for recycling;
- materials for energy recovery;
- exported electrical energy;
- exported thermal energy.



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;
- ionising radiation, human health;
- eco-toxicity (fresh water);
- human toxicity - carcinogenic effect;
- human toxicity - non-carcinogenic effect;
- land use related impacts/soil quality.



| Results per 1 kg Profipress/ProPress | | | | | | | | | | | | | | | | |
|--|------------------------|----------|----------|-----------|------|------|------|------|------|------|------|------|----------|-----------|-----------|-----------|
| | Unit | A1-A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 | D |
| Core indicators | | | | | | | | | | | | | | | | |
| GWP-t | kg CO ₂ eq. | 5.47E+00 | 1.10E-01 | 1.99E-01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.32E-03 | 2,08E-02 | 2.10E-04 | -3.31E+00 |
| GWP-f | kg CO ₂ eq. | 5.40E+00 | 1.10E-01 | 6,93E-03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.30E-03 | 1,71E-02 | 1,73E-04 | -3.29E+00 |
| GWP-b | kg CO ₂ eq. | 6.44E-02 | 1,60E-04 | 1,92E-01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.67E-05 | 3,65E-03 | 3,69E-05 | -1,54E-02 |
| GWP-I | kg CO ₂ eq. | 9.87E-03 | 3.33E-05 | 1.59E-06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.49E-06 | 6.33E-05 | 6.40E-07 | -6.41E-03 |
| ODP | kg CFC-11 eq. | 3.28E-07 | 2.53E-08 | 1.14E-10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.11E-09 | 3.76E-09 | 3.80E-11 | -1.79E-07 |
| AP | mol H ⁺ eq. | 3.82E-01 | 4.18E-04 | 3.86E-05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.73E-05 | 1.06E-04 | 1.08E-06 | -2.75E-01 |
| EP-fw | kg P eq. | 3.04E-02 | 6.48E-06 | 4.85E-07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.88E-07 | 2.46E-06 | 2.48E-08 | -2.17E-02 |
| EP-m | kg N eq. | 1.89E-02 | 1.16E-04 | 6.16E-05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61E-05 | 3.57E-05 | 3.60E-07 | -1.31E-02 |
| EP-t | mol N eq. | 2.61E-01 | 1.27E-03 | 1.48E-04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.75E-04 | 3.85E-04 | 3.89E-06 | -1.84E-01 |
| POCP | kg NMVOC eq. | 7.25E-02 | 4.05E-04 | 9.09E-05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23E-05 | 1.19E-04 | 1.20E-06 | -5.08E-02 |
| ADPF*2 | MJ | 6.54E+01 | 1.64E+00 | 1.84E-02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.41E-01 | 2.99E-01 | 3.02E-03 | -3.96E+01 |
| ADPE*2 | kg Sb eq. | 9.16E-03 | 2.22E-07 | 7.36E-09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.19E-08 | 6.27E-08 | 6.34E-10 | -6.66E-03 |
| WDP*2 | m³ world eq. deprived | 4.24E+00 | 6.08E-03 | 2.31E-04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.29E-04 | 3.76E-02 | 3.80E-04 | -2.90E+00 |
| Use of resources | | | | | | | | | | | | | | | | |
| PERE | MJ | 1.96E+01 | 1.54E-02 | 8.66E-04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.58E-03 | 5.93E-03 | 5.99E-05 | -1.15E+01 |
| PERM | MJ | 9.54E-04 | 0.00 | -9.54E-04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PERT | MJ | 1.96E+01 | 1.54E-02 | 1.82E-03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.58E-03 | 5.93E-03 | 5.99E-05 | -1.15E+01 |
| PENRE | MJ | 6.54E+01 | 1.64E+00 | 1.82E-02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.41E-01 | 2.99E-01 | 3.02E-03 | -3.96E+01 |
| PENRM | MJ | 2.06E-02 | 0.00 | -2.05E-02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -5.71E-05 | -1.44E-06 | 0.00 |
| PENRT | MJ | 6.54E+01 | 1.64E+00 | 1.84E-02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.41E-01 | 2.99E-01 | 3.02E-03 | -3.96E+01 |
| SM | kg | 5.05E-01 | 3.74E-04 | 7.60E-05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.90E-05 | 2.73E-03 | 2.76E-05 | -1.71E-01 |
| RSF | MJ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NRSF | MJ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| FW | m³ | 1.49E-01 | 1.72E-04 | 2.20E-05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.82E-05 | 1.98E-04 | 2.00E-06 | -1.03E-01 |
| Waste categories | | | | | | | | | | | | | | | | |
| HWD | kg | 2.01E+00 | 1.77E-03 | 1.71E-04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.85E-04 | 1.15E-03 | 1.16E-05 | -1.09E+00 |
| NHWD | kg | 1.10E+02 | 2.86E-02 | 4.59E-02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.04E-03 | 1.88E+00 | 1.90E-02 | -7.86E+01 |
| RWD | kg | 1.62E-04 | 1.12E-05 | 4.02E-08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.40E-07 | 1.72E-06 | 1.74E-08 | -9.81E-05 |
| Output material flows | | | | | | | | | | | | | | | | |
| CRU | kg | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MFR | kg | 9.60E-04 | 4.81E-06 | 9.30E-03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.55E-07 | 3.07E-01 | 3.10E-03 | -3.75E-04 |
| MER | kg | 3.22E-05 | 6.88E-08 | 1.71E-10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.35E-09 | 1.73E-08 | 1.75E-10 | -1.54E-05 |
| EE | MJ | 4.16E-01 | 1.36E-03 | 5.48E-02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.46E-04 | 2.66E-03 | 2.69E-05 | -1.03E-01 |
| Key: GWP-t – global warming potential - total GWP-f – global warming potential fossil fuels GWP-b – global warming potential - biogenic GWP-I – 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 - eutrophication 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 EEE - exported energy | | | | | | | | | | | | | | | | |

| Results per 1 kg Profipress/ProPress | | | | | | | | | | | | | | | | |
|--|-------------------|----------|----------|----------|------|------|------|------|------|------|------|------|----------|----------|----------|-----------|
| | Unit | A1-A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 | D |
| Additional environmental impact indicators | | | | | | | | | | | | | | | | |
| PM | Disease incidence | 8.84E-07 | 8.65E-09 | 2.04E-08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.10E-09 | 3.49E-09 | 3.53E-11 | -6.07E-07 |
| IRP* ¹ | kBq U235 eq. | 5.91E-01 | 7.75E-03 | 1.63E-04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.74E-04 | 1.32E-03 | 1.34E-05 | -3.60E-01 |
| ETP-fw* ² | CTUe | 3.39E+03 | 1.32E+00 | 6.00E-01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.25E-01 | 2.64E+00 | 2.67E-02 | -2.45E+03 |
| HTP-c* ² | CTUh | 7.98E-08 | 3.05E-11 | 1.29E-10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.10E-12 | 2.63E-11 | 2.66E-13 | -4.99E-08 |
| HTP-nc* ² | CTUh | 5.06E-06 | 1.42E-09 | 7.82E-10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.25E-10 | 3.26E-10 | 3.30E-12 | -3.67E-06 |
| SQP* ² | dimensionless | 1.37E+02 | 1.35E+00 | 8.03E-03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.62E-01 | 4.15E-01 | 4.19E-03 | -8.78E+01 |
| Key: PM – particulate matter emissions potential IRP*¹ – ionising 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 ionising 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

TRACI - a Tool for the Reduction and Assessment of Chemical and Other Environmental Impacts - is a midpoint-oriented life cycle impact assessment method, developed specifically for the US and provided by the United States EPA. This implementation distinguishes two categories: human health and environmental impacts implementation of TRACI and excludes the impact categories 'fossil fuel depletion', 'land use' and 'water use'.

| Results per 1 lbs Profipress/ProPress according to TRACI | | | | | | | | | | | | | | | | |
|---|------------------------|----------|----------|-----------|------|------|------|------|------|------|------|------|----------|----------|----------|-----------|
| | Unit | A1-A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 | D |
| Core indicators | | | | | | | | | | | | | | | | |
| GWP-t | kg CO ₂ eq. | 1,18E+01 | 2,63E-01 | 2,84E-01 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 2,25E-02 | 5,54E-02 | 7,81E-04 | -7,40E+00 |
| ODP | kg CFC-11 eq. | 2,02E-07 | 4,68E-09 | 2,78E-11 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 4,03E-10 | 8,90E-10 | 8,99E-12 | -9,05E-08 |
| POCP | kg O ₃ -eq. | 2,51E+00 | 1,80E-02 | 5,42E-03 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 2,42E-03 | 6,66E-03 | 8,72E-05 | -1,78E+00 |
| EP-t | kg N-eq. | 4,92E-01 | 1,94E-04 | 2,04E-03 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 2,14E-05 | 7,59E-05 | 8,00E-07 | -3,55E-01 |
| AP | SO ₂ -eq. | 6,48E-01 | 7,47E-04 | 4,23E-04 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 8,96E-05 | 3,07E-04 | 4,69E-06 | -4,72E-01 |
| ETP-fw*2 | CTUe | 1,70E+04 | 1,83E+00 | -2,49E+03 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 2,07E-01 | 8,24E+04 | 8,32E+02 | -1,25E+04 |
| HTP-c*2 | CTUh | 9,10E-06 | 1,45E-08 | 1,08E-09 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 1,59E-09 | 9,17E-09 | 9,57E-11 | -4,87E-06 |
| HTP-nc*2 | CTUh | 1,79E-04 | 5,43E-08 | -3,60E-09 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 5,48E-09 | 1,30E-06 | 1,32E-08 | -1,31E-04 |
| PM | kg PM2,5-eq. | 6,86E-02 | 1,28E-04 | 3,37E-04 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 1,44E-05 | 1,10E-04 | 2,07E-06 | -4,80E-02 |
| Key: GWP-t – global warming potential - total ODP – ozone depletion potential POCP - photochemical ozone formation potential EP-t - eutrophication potential - total AP - acidification potential ETP-fw*2 - Eco-toxicity potential – freshwater HTP-c*2 - Human toxicity potential – cancer effects HTP-nc*2 - Human toxicity potential – non-cancer effects PM – particulate matter emissions | | | | | | | | | | | | | | | | |

Disclaimers

*1 This impact category deals mainly with the eventual impact of low-dose ionising 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 main environmental impacts originate from the raw material of copper. This is to be expected, as the main emissions are due to the main share of copper (approx. 86 percent) and the high LCIA values associated with the raw material.

The LCA covers the complete life cycle. As Profipress/ProPress do not generate any emissions in the use stage, here the value is 0.

The environmental impacts of the life cycle stages are very similar. Only the GWP biogenic differs. Here the greatest impact results from A5 due to the packaging materials.

Due to the one-time replacement of the product (B4), the environmental impacts are correspondingly high.

Due to copper being the main material, the end-of-life benefits of more than 20 percent are correspondingly high (depending on the environmental indicator).

The chart below shows the nine key environmental impact indicators. The greatest environmental impacts result from raw material extraction (A1), followed by replacement (B4).

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

The two values for ETP-fw and HTP-nc in A5 are negative due to the credit of the copper scrap according to the TRACI evaluation. This was investigated in detail.

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

Chart

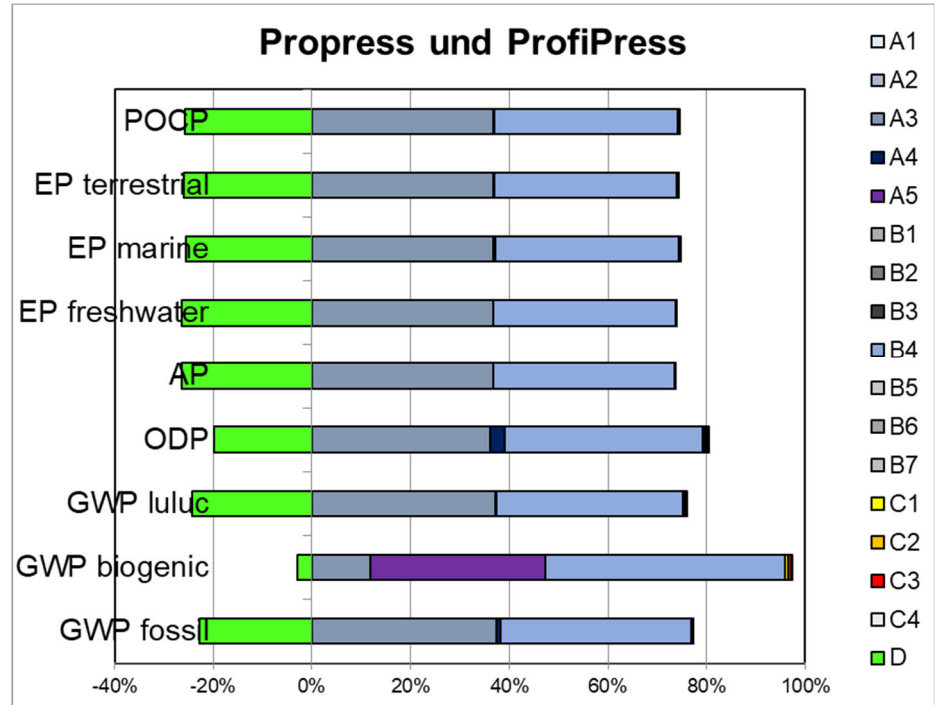


Figure 2: Percentage of the modules in selected environmental impact categories

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 not addressed to third parties for reasons of confidentiality. It is deposited with the 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 Prof. Dr. Eric Brehm, an external verifier.

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. The establishment of the product groups and the resulting variations are documented in the background report.



Product group: “connecting technology”

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.

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.

| |
|---|
| The European standard EN 15804 serves as the core PCR ^{a)} |
| Independent verification of the Declaration and statement according to EN ISO 14025:2010 <input type="checkbox"/> internal <input checked="" type="checkbox"/> external |
| 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 | Practitioner of the LCA | Verifier |
|-----|------------|-----------------------|-------------------------|----------|
| 1 | 12.01.2023 | External Verification | Zwick | Brehm |
| 2 | 21.02.2023 | Extension by TRACI | Pscherer | Brehm |
| 3 | 01.03.2023 | Formal adjustment | Pscherer | Brehm |
| 4 | 05.08.2024 | Formal adjustment | Pscherer | -- |

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9 Annex A

Description of life cycle scenarios for Profipress/ProPress

| Product stage | | | Con- struction stage | | Use stage | | | | | | | End-of-life stage | | | | Benefits and loads from beyond the system boundaries |
|---------------------|-----------|-------------|----------------------------|-----------------------------------|-----------|-------------|--------|-------------|----------------------------|------------------------|-----------------------|---------------------------|-----------|------------------|----------|--|
| A1 | A2 | A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 | D |
| Raw material supply | Transport | Manufacture | Transport | Construction/installation process | Use | Maintenance | Repair | Replacement | Modification/refurbishment | Operational energy use | Operational water use | Deconstruction/demolition | Transport | Waste processing | Disposal | Re-use Recovery Recycling potential |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

Calculation of the scenarios was based on a product service life of 50 years (in accordance with RSL of Section 4 Use stage).

The scenarios were based on information provided by the manufacturer. 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 the construction site | | | | |
|---|--------------------------|---|----------------------|------------------------------------|
| No. | Scenario | Description | | |
| A4.1 | National | Transport mix 80% capacity used, approx. 420 km | | |
| A4.2 | International/EU country | Transport mix 80% capacity used, approx. 1,200 km | | |
| A4.3 | International/Non-EU | Transport mix 80% capacity used, approx. 8,800 km | | |
| 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 |
| Parcel service provider (CEP - Courier-Express- Parcel service) | | Van 7.5 – 16 t (Euro 6), diesel | | 6% |
| Forwarding agency and own truck fleet | | 32 - 40 t truck/tractor trailer (Euro 6), diesel | | 88% |
| Air freights | | Cargo and passenger aircrafts, kerosene | | 5% |
| Seagoing vessels/containers | | Seagoing/container vessels to receiving port, heavy oil | | 1% |
| | | | | |
| A4 Transport to the construction site | | Transport weight [kg] | Bulk density [kg/m³] | Volume-capacity utilisation factor |
| PG1 | | 1.07 | 8.92 | 1.2 |
| | | | | |
| A4 Transport to the construction site | Unit | A4.1 | A4.2 | A4.3 |
| Core indicators | | | | |
| GWP-t | kg CO ₂ eq. | 1.10E-01 | 2.50E-01 | 2.31E+00 |
| GWP-f | kg CO ₂ eq. | 1.10E-01 | 2.49E-01 | 2.30E+00 |
| GWP-b | kg CO ₂ eq. | 1.60E-04 | 4.12E-04 | 3.36E-03 |
| GWP-I | kg CO ₂ eq. | 3.33E-05 | 8.91E-05 | 6.98E-04 |
| ODP | kg CFC-11 eq. | 2.53E-08 | 5.76E-08 | 5.30E-07 |
| AP | mol H ⁺ eq. | 4.18E-04 | 8.71E-04 | 8.76E-03 |
| EP-fw | kg P eq. | 6.48E-06 | 1.73E-05 | 1.36E-04 |
| EP-m | kg N eq. | 1.16E-04 | 2.17E-04 | 2.44E-03 |
| EP-t | mol N eq. | 1.27E-03 | 2.36E-03 | 2.66E-02 |
| POCP | kg NMVOC eq. | 4.05E-04 | 8.25E-04 | 8.49E-03 |
| ADPF | MJ | 1.64E+00 | 3.80E+00 | 3.44E+01 |
| ADPE | kg Sb eq. | 2.22E-07 | 5.94E-07 | 4.65E-06 |
| WDP | m³ world eq. deprived | 6.08E-03 | 1.58E-02 | 1.27E-01 |
| Use of resources | | | | |
| PERE | MJ | 1.54E-02 | 4.02E-02 | 3.22E-01 |
| PERM | MJ | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| PERT | MJ | 1.54E-02 | 4.02E-02 | 3.22E-01 |
| PENRE | MJ | 1.64E+00 | 3.80E+00 | 3.44E+01 |
| PENRM | MJ | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| PENRT | MJ | 1.64E+00 | 3.80E+00 | 3.44E+01 |
| SM | kg | 3.74E-04 | 1.00E-03 | 7.83E-03 |
| RSF | MJ | 4.07E-06 | 1.07E-05 | 8.54E-05 |
| NRSF | MJ | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| FW | m³ | 1.72E-04 | 4.50E-04 | 3.60E-03 |
| Waste categories | | | | |
| HWD | kg | 1.77E-03 | 4.69E-03 | 3.71E-02 |

| | | | | |
|---|-------------------|----------|----------|----------|
| NHWD | kg | 2.86E-02 | 7.63E-02 | 5.99E-01 |
| RWD | kg | 1.12E-05 | 2.56E-05 | 2.34E-04 |
| Output material flows | | | | |
| CRU | kg | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| MFR | kg | 4.81E-06 | 1.20E-05 | 1.01E-04 |
| MER | kg | 6.88E-08 | 1.75E-07 | 1.44E-06 |
| EE | MJ | 1.36E-03 | 3.56E-03 | 2.85E-02 |
| Additional environmental impact indicators | | | | |
| PM | Disease incidence | 8.65E-09 | 2.38E-08 | 1.81E-07 |
| IRP | kBq U235 eq. | 7.75E-03 | 1.81E-02 | 1.62E-01 |
| ETP-fw | CTUe | 1.32E+00 | 3.26E+00 | 2.77E+01 |
| HTP-c | CTUh | 3.05E-11 | 7.93E-11 | 6.38E-10 |
| HTP-nc | CTUh | 1.42E-09 | 3.26E-09 | 2.98E-08 |
| SQP | dimensionless | 1.35E+00 | 3.71E+00 | 2.83E+01 |

In the following, the environmental impacts of selected impact indicators according to the TRACI method are shown. The results refer to **1 lbs.**

| A4 Transport to the construction site according to TRACI | Einheit | A4.1 | A4.2 | A4.3 |
|--|------------------------|----------|----------|----------|
| GWP-t | kg CO ₂ eq. | 2,63E-01 | 3,79E-01 | 5,34E+00 |
| ODP | kg CFC-11 eq. | 4,68E-09 | 6,73E-09 | 1,22E-06 |
| POCP | kg O ₃ -eq. | 1,80E-02 | 2,69E-02 | 1,96E-02 |
| EP-t | kg N-eq. | 1,94E-04 | 2,98E-04 | 5,64E-03 |
| AP | SO ₂ -eq. | 7,47E-04 | 1,10E-03 | 2,02E-02 |
| ETP-fw*2 | CTUe | 1,83E+00 | 2,57E+00 | 6,40E+01 |
| HTP-c*2 | CTUh | 1,45E-08 | 2,01E-08 | 1,47E-09 |
| HTP-nc*2 | CTUh | 5,43E-08 | 7,79E-08 | 6,88E-08 |
| PM | kg PM2,5-eq. | 1,28E-04 | 1,74E-04 | 4,18E-07 |

A5 Construction/Installation

| No. | Scenario | Description |
|-----|----------|---|
| A5 | Manual | According to the manufacturer, the products are installed with battery-operated pressing pliers 0.0022 kWh/kg, electricity mix (global) |

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.

Ancillary materials, consumables, use of water, use of other resources 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.

Transport to the recycling plants is included.

Since only one scenario is used, 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.

The following additional information does not form part of the LCA, inventory analysis or data from information modules.

Since only one scenario is used, the results are shown in the relevant summary table.

B2 Inspection, maintenance/servicing, cleaning - not relevant

Since only one scenario is used, the results are shown in the relevant summary table.

B2.1 Cleaning

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.

B2.2 Maintenance

No maintenance is required.

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

B3 Repair – not relevant

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 only one scenario is used, the results are shown in the relevant summary table.

B4 Exchange/replacement

| No. | Scenario | Description |
|------|--------------------------|--|
| B4.1 | Normal use and heavy use | No replacement required |
| B4.2 | Normal use and heavy use | One replacement over a 50-year period (RSL)* |

* 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. Conversion of the environmental impacts for annual values was based on the RSL.

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

Product group: "connecting technology"

| B4 Exchange/Replacement | Unit | B4.1 | B4.2 |
|---|-----------------------------------|------|----------|
| Core indicators | | | |
| GWP-t | kg CO ₂ eq. | 0.00 | 5.83E+00 |
| GWP-f | kg CO ₂ eq. | 0.00 | 5.56E+00 |
| GWP-b | kg CO ₂ eq. | 0.00 | 2.64E-01 |
| GWP-l | kg CO ₂ eq. | 0.00 | 1.00E-02 |
| ODP | kg CFC-11 eq. | 0.00 | 3.63E-07 |
| AP | mol H ⁺ eq. | 0.00 | 3.83E-01 |
| EP-fw | kg P eq. | 0.00 | 3.04E-02 |
| EP-m | kg N eq. | 0.00 | 1.92E-02 |
| EP-t | mol N eq. | 0.00 | 2.63E-01 |
| POCP | kg NMVOC eq. | 0.00 | 7.33E-02 |
| ADPF | MJ | 0.00 | 6.78E+01 |
| ADPE | kg Sb eq. | 0.00 | 9.16E-03 |
| WDP | m ³ world eq. deprived | 0.00 | 4.32E+00 |
| Use of resources | | | |
| PERE | MJ | 0.00 | 1.96E+01 |
| PERM | MJ | 0.00 | 0.00 |
| PERT | MJ | 0.00 | 1.96E+01 |
| PENRE | MJ | 0.00 | 6.78E+01 |
| PENRM | MJ | 0.00 | 0.00 |
| PENRT | MJ | 0.00 | 6.78E+01 |
| SM | kg | 0.00 | 5.11E-01 |
| RSF | MJ | 0.00 | 0.00E+00 |
| NRSF | MJ | 0.00 | 0.00E+00 |
| FW | m ³ | 0.00 | 1.50E-01 |
| Waste categories | | | |
| HWD | kg | 0.00 | 2.01E+00 |
| NHWD | kg | 0.00 | 1.14E+02 |
| RWD | kg | 0.00 | 1.78E-04 |
| Output material flows | | | |
| CRU | kg | 0.00 | 0.00E+00 |
| MFR | kg | 0.00 | 6.27E-01 |
| MER | kg | 0.00 | 3.23E-05 |
| EE | MJ | 0.00 | 4.78E-01 |
| Additional environmental impact indicators | | | |
| PM | Disease incidence | 0.00 | 9.21E-07 |
| IRP | kBq U235 eq. | 0.00 | 6.02E-01 |
| ETP-fw | CTUe | 0.00 | 3.40E+03 |
| HTP-c | CTUh | 0.00 | 8.00E-08 |
| HTP-nc | CTUh | 0.00 | 5.06E-06 |
| SQP | dimensionless | 0.00 | 1.39E+02 |

In the following, the environmental impacts of selected impact indicators according to the TRACI method are shown. The results refer to **1 lbs.**

| B4 Exchange/Replacement according to TRACI | Einheit | B4.1 | B4.2 |
|--|--------------------------|------|----------|
| GWP-t | kg CO ₂ -Äqv. | 0,00 | 4,98E+00 |
| ODP | kg CFC-11-Äqv. | 0,00 | 1,17E-07 |
| POCP | kg O ₃ -Äqv. | 0,00 | 7,69E-01 |
| EP-t | kg N-Äqv. | 0,00 | 1,39E-01 |
| AP | kg SO ₂ -Äqv. | 0,00 | 1,78E-01 |
| ETPfw | CTUe | 0,00 | 8,53E+04 |
| HTPc | CTUh | 0,00 | 4,25E-06 |
| HTPnc | CTUh | 0,00 | 4,92E-05 |
| PM | kg PM2,5-Äqv. | 0,00 | 2,13E-02 |

B5 Improvement/modernisation – 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 replacement are negligible.

Since only one scenario is used, 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 only one scenario is used, the results are shown in the relevant summary table.

B7 Operational water use – not relevant

There is 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 only one scenario is used, 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. The energy consumed for deconstruction is negligible. Any arising consumption is marginal.

Since only one scenario is used, the results are shown in the relevant summary table.

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

C2 Transport

| No. | Scenario | Description |
|-----|-----------|---|
| C2 | Transport | Transport to collection point using 40 t truck (Euro 0-6 mix), diesel, > 32 t payload, 80% capacity used, 50 km (1) |

Since only one scenario is used, the results are shown in the relevant summary table.

C3 Waste management

| No. | Scenario | Description |
|-----------|---------------------------------|---|
| C3 | Current market situation | Share for recirculation of materials: <ul style="list-style-type: none"> • Plastics 60%, thermal recycling in waste incineration plant (Zukunft Bauen, 2017) • Plastics 40%, material recycling (Zukunft Bauen, 2017) • Copper 100% in melt (Deutsches Kupferinstitut, 2012) • Steel 98% in melt (UBA, 2017) • Remainder to landfill |

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

The table below describes 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 | C3 |
|---|-------------|-----------|
| Collection process, collected separately | kg | 0.99 |
| Collection process, collected as mixed construction waste | kg | 0.01 |
| Recovery system, for re-use | kg | 0.00 |
| Recovery system, for recycling | kg | 0.99 |
| Recovery system, for energy recovery | kg | >0.00 |
| Disposal | kg | 0.01 |

The 100% scenarios differ from current average recycling (C3.4). The evaluation of the individual scenarios is presented in the background report.

Since only one scenario is used, the results are shown in the relevant 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 current average recycling (C4.4). The evaluation of the individual scenarios is presented 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 only one scenario is used, the results are shown in the relevant summary table.

D Benefits and loads from beyond the system boundaries

| No. | Scenario | Description |
|-----|---------------------|--|
| D | Recycling potential | Copper scrap from C3 excluding the scrap used in A3 replaces 100% of copper; 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 polyethylene granules; Benefits from waste incineration: electricity replaces electricity mix (EU-28); thermal energy replaces thermal energy from natural gas (EU-28). |

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 current average recycling (D4). The evaluation of the individual scenarios is presented in the background report.

Since only one scenario is used, the results are shown in the relevant summary table.

10 Annex B:

Conversion table with piece weights

| Mat. No. | Description | Model No. | Dimensions | Item No. | Description | Weight in kg | Mat. No. | Description | Model No. | Dimensions | Item No. | Description | Weight in kg |
|----------|---------------------------|-----------|---------------|----------|--------------------------------|--------------|----------|---------------------------|-----------|-----------------------|----------|--------------------------------|--------------|
| 204501 | Reducer with SC | 24151 | 15 X 14 | 755782 | Profipress dimensions <= 28 mm | 0.0294 | 237071 | T-piece with SC | 2918 | 1 | 774121 | ProPress <=1" (Copper) | 0.2014 |
| 204661 | Coupling with SC | 2415 | 14 | 443740 | Profipress dimensions <= 28 mm | 0.03336 | 237081 | T-piece with SC | 2918 | 1 X 3/4 X 1/2 | 774176 | ProPress <=1" (Copper) | 0.1625 |
| 204671 | Coupling with SC | 2415 | 16 | 443856 | Profipress dimensions <= 28 mm | 0.0355 | 237091 | T-piece with SC | 2918 | 1 X 3/4 X 3/4 | 774220 | ProPress <=1" (Copper) | 0.181 |
| 204681 | Elbow 90° with SC | 2416 | 14 | 443863 | Profipress dimensions <= 28 mm | 0.044 | 237101 | T-piece with SC | 2918 | 1 X 3/4 X 1 | 774275 | ProPress <=1" (Copper) | 0.2032 |
| 204691 | Elbow 90° with SC | 2416 | 16 | 443870 | Profipress dimensions <= 28 mm | 0.0499 | 237111 | T-piece with SC | 2918 | 1 X 1 X 1/2 | 774329 | ProPress <=1" (Copper) | 0.1678 |
| 204701 | T-piece with SC | 2418 | 14 | 443887 | Profipress dimensions <= 28 mm | 0.082 | 237119 | T-piece with SC | 2918OM | 1 X 1 X 1/2 | 793214 | ProPress <=1" (Copper) | 0.171912 |
| 204711 | T-piece with SC | 2418 | 16 | 443894 | Profipress dimensions <= 28 mm | 0.0914 | 237121 | T-piece with SC | 2918 | 1 X 1 X 3/4 | 774374 | ProPress <=1" (Copper) | 0.1836 |
| 204721 | T-piece with SC | 2418 | 14 X 12 X 14 | 443900 | Profipress dimensions <= 28 mm | 0.0742 | 237141 | T-piece with SC | 2918 | 1 1/4 | 774428 | ProPress >=1 1/4" (Copper) | 0.2721 |
| 204731 | T-piece | 2418 | 16 X 12 X 14 | 443917 | Profipress dimensions <= 28 mm | 0.0852 | 237151 | T-piece with SC | 2918 | 1 1/4 X 1 1/4 X 1 | 774473 | ProPress >=1 1/4" (Copper) | 0.24329 |
| 204741 | T-piece with SC | 2418 | 16 X 14 X 16 | 443924 | Profipress dimensions <= 28 mm | 0.08773 | 237161 | T-piece with SC | 2918 | 1 1/4 X 1 1/2 X 3/4 | 774527 | ProPress >=1 1/4" (Copper) | 0.2297 |
| 204751 | T-piece with SC | 2418 | 18 X 14 X 18 | 443931 | Profipress dimensions <= 28 mm | 0.1023 | 237171 | T-piece with SC | 2918 | 1 1/2 | 774572 | ProPress >=1 1/4" (Copper) | 0.5376 |
| 204761 | T-piece with SC | 2418 | 18 X 16 X 18 | 443948 | Profipress dimensions <= 28 mm | 0.1037 | 237181 | T-piece with SC | 2918 | 1 1/2 X 1 1/2 X 3/4 | 774626 | ProPress >=1 1/4" (Copper) | 0.3612 |
| 204771 | T-piece with SC | 2418 | 22 X 14 X 22 | 443955 | Profipress dimensions <= 28 mm | 0.1235 | 237191 | T-piece with SC | 2918 | 1 1/2 X 1 1/2 X 1 | 774671 | ProPress >=1 1/4" (Copper) | 0.3794 |
| 204781 | T-piece with SC | 2418 | 22 X 16 X 22 | 443962 | Profipress dimensions <= 28 mm | 0.13263 | 237201 | T-piece with SC | 2918 | 1 1/2 X 1 1/2 X 1 1/4 | 774725 | ProPress >=1 1/4" (Copper) | 0.398 |
| 204791 | Elbow 45° with SC | 2426 | 14 | 444051 | Profipress dimensions <= 28 mm | 0.0369 | 237211 | T-piece with SC | 2918 | 2 | 774770 | ProPress >=1 1/4" (Copper) | 0.68 |
| 204801 | Elbow 45° with SC | 2426 | 16 | 444068 | Profipress dimensions <= 28 mm | 0.042 | 237231 | T-piece with SC | 2918 | 2 X 2 X 1 1/2 | 774824 | ProPress >=1 1/4" (Copper) | 0.622 |
| 204811 | Cap with SC | 2456 | 14 | 444075 | Profipress dimensions <= 28 mm | 0.0205 | 237241 | T-piece with SC | 2918 | 2 X 2 X 1 1/4 | 774879 | ProPress >=1 1/4" (Copper) | 0.548 |
| 204821 | Cap with SC | 2456 | 16 | 444082 | Profipress dimensions <= 28 mm | 0.0241 | 237271 | T-piece with SC | 2918 | 1 1/4 X 1 X 1 | 145686 | ProPress >=1 1/4" (Copper) | 0.2521 |
| 204891 | Reducer with SC | 24151 | 14 X 12 | 443771 | Profipress dimensions <= 28 mm | 0.0217 | 237771 | T-piece with SC | 2918 | 1 1/4 X 1 1/4 X 1/2 | 947570 | ProPress >=1 1/4" (Copper) | 0.2096 |
| 204901 | Reducer with SC | 24151 | 16 X 12 | 443788 | Profipress dimensions <= 28 mm | 0.0253 | 237781 | T-piece with SC | 2918 | 2 X 2 X 3/4 | 947778 | ProPress >=1 1/4" (Copper) | 0.4744 |
| 204911 | Reducer with SC | 24151 | 16 X 14 | 443795 | Profipress dimensions <= 28 mm | 0.0301 | 237791 | T-piece with SC | 2918 | 2 X 2 X 1 | 947731 | ProPress >=1 1/4" (Copper) | 0.5064 |
| 204921 | Reducer with SC | 24151 | 18 X 14 | 443801 | Profipress dimensions <= 28 mm | 0.0373 | 237831 | T-piece with SC | 2918 | 1 X 1/2 X 1 | 947679 | ProPress <=1" (Copper) | 0.2068 |
| 204931 | Reducer with SC | 24151 | 18 X 16 | 443818 | Profipress dimensions <= 28 mm | 0.0361 | 237841 | T-piece with SC | 2918 | 1 1/4 X 1 X 3/4 | 947624 | ProPress >=1 1/4" (Copper) | 0.2309 |
| 204941 | Reducer with SC | 24151 | 22 X 14 | 443825 | Profipress dimensions <= 28 mm | 0.0416 | 237981 | T-piece with SC | 2918 | 1 1/2 X 1 1/4 X 1/4 | 154831 | ProPress >=1 1/4" (Copper) | 0.386 |
| 204951 | Reducer with SC | 24151 | 22 X 16 | 443832 | Profipress dimensions <= 28 mm | 0.0441 | 237991 | T-piece with SC | 2918 | 2 X 1 1/2 X 1 1/2 | 155036 | ProPress >=1 1/4" (Copper) | 0.6154 |
| 204961 | Elbow 90° with SC | 24161 | 14 | 444099 | Profipress dimensions <= 28 mm | 0.0393 | 238001 | Closing cap with SC | 2956 | 1/2 | 777122 | ProPress <=1" (Copper) | 0.0257 |
| 204971 | Elbow 90° with SC | 24161 | 16 | 444105 | Profipress dimensions <= 28 mm | 0.0455 | 238011 | Closing cap with SC | 2956 | 3/4 | 777177 | ProPress <=1" (Copper) | 0.03985 |
| 204981 | Elbow 45° with SC | 24261 | 14 | 444112 | Profipress dimensions <= 28 mm | 0.0328 | 238021 | Closing cap with SC | 2956 | 1 | 777221 | ProPress <=1" (Copper) | 0.05535 |
| 204991 | Elbow 45° with SC | 24261 | 16 | 444129 | Profipress dimensions <= 28 mm | 0.0375 | 238031 | Closing cap with SC | 2956 | 1 1/4 | 777276 | ProPress >=1 1/4" (Copper) | 0.079 |
| 211671 | Reducer with SC | 24151 | 15 X 16 | 755799 | Profipress dimensions <= 28 mm | 0.0363 | 238041 | Closing cap with SC | 2956 | 1 1/2 | 777320 | ProPress >=1 1/4" (Copper) | 0.1485 |
| 232701 | Coupling with SC | 2915 | 1/2 | 780474 | ProPress <=1" (Copper) | 0.0361 | 238051 | Closing cap with SC | 2956 | 2 | 777375 | ProPress >=1 1/4" (Copper) | 0.194 |
| 232711 | Coupling with SC | 2915 | 3/4 | 780528 | ProPress <=1" (Copper) | 0.0596 | 249101 | T-piece with SC | 24181 | 22 X 15 X 22 | 477356 | Profipress dimensions <= 28 mm | 0.1228 |
| 232721 | Coupling with SC | 2915 | 1 | 780573 | ProPress <=1" (Copper) | 0.074 | 249111 | T-piece with SC | 24181 | 22 X 15 X 22 | 477363 | Profipress G (CU) | 0.1294 |
| 232731 | Coupling with SC | 2915 | 1 1/4 | 780627 | ProPress >=1 1/4" (Copper) | 0.098 | 253007 | Elbow 90° with SC | 2416CR | 12 | 706142 | Profipress CR | 0.0308 |
| 232741 | Coupling with SC | 2915 | 1 1/2 | 780672 | ProPress >=1 1/4" (Copper) | 0.1225 | 253017 | Elbow 90° with SC | 2416CR | 15 | 706159 | Profipress CR | 0.0441 |
| 232751 | Coupling with SC | 2915 | 2 | 780726 | ProPress >=1 1/4" (Copper) | 0.27 | 253027 | Elbow 90° with SC | 2416CR | 18 | 706166 | Profipress CR | 0.0558 |
| 233001 | Reducer with SC | 29151 | 3/4 X 1/2 | 780771 | ProPress <=1" (Copper) | 0.044 | 253037 | Elbow 90° with SC | 2416CR | 12 | 706173 | Profipress CR | 0.0283 |
| 233011 | Reducer with SC | 29151 | 1 X 1/2 | 780825 | ProPress <=1" (Copper) | 0.0578 | 253047 | Elbow 90° with SC | 2416CR | 15 | 706180 | Profipress CR | 0.041 |
| 233021 | Reducer with SC | 29151 | 1 X 3/4 | 780870 | ProPress <=1" (Copper) | 0.0654 | 253057 | Elbow 90° with SC | 2416CR | 18 | 706197 | Profipress CR | 0.0525 |
| 233031 | Reducer with SC | 29151 | 1 1/4 X 3/4 | 780924 | ProPress >=1 1/4" (Copper) | 0.0885 | 253067 | Elbow 45° with SC | 2426CR | 12 | 706203 | Profipress CR | 0.0268 |
| 233041 | Reducer with SC | 29151 | 1 1/4 X 1 | 780979 | ProPress >=1 1/4" (Copper) | 0.086 | 253077 | Elbow 45° with SC | 2426CR | 15 | 706210 | Profipress CR | 0.0383 |
| 233061 | Reducer with SC | 29151 | 1 1/2 X 1 | 781020 | ProPress >=1 1/4" (Copper) | 0.1329 | 253087 | Elbow 45° with SC | 2426CR | 18 | 706227 | Profipress CR | 0.0473 |
| 233071 | Reducer with SC | 29151 | 1 1/2 X 1 1/4 | 781075 | ProPress >=1 1/4" (Copper) | 0.138 | 253097 | Elbow 45° with SC | 2426CR | 12 | 706234 | Profipress CR | 0.0242 |
| 233081 | Reducer with SC | 29151 | 2 X 1 | 781129 | ProPress >=1 1/4" (Copper) | 0.184 | 253107 | Elbow 45° with SC | 2426CR | 15 | 706241 | Profipress CR | 0.0345 |
| 233091 | Reducer with SC | 29151 | 2 X 1 1/4 | 781174 | ProPress >=1 1/4" (Copper) | 0.1895 | 253117 | Elbow 45° with SC | 2426CR | 18 | 706258 | Profipress CR | 0.0439 |
| 233101 | Reducer with SC | 29151 | 2 X 1 1/2 | 781228 | ProPress >=1 1/4" (Copper) | 0.2781 | 253257 | T-piece with SC | 2418CR | 12 | 706333 | Profipress CR | 0.0585 |
| 233191 | Reducer with SC | 29151 | 1 1/2 X 3/4 | 781433 | ProPress >=1 1/4" (Copper) | 0.1258 | 253267 | T-piece with SC | 2418CR | 15 X 12 X 12 | 706340 | Profipress CR | 0.0695 |
| 233501 | Reducing coupling with SC | 29152 | 3/4 X 1/2 | 781471 | ProPress <=1" (Copper) | 0.057 | 253277 | T-piece with SC | 2418CR | 15 X 12 X 15 | 706357 | Profipress CR | 0.0744 |
| 233511 | Reducing coupling with SC | 29152 | 1 X 3/4 | 781525 | ProPress <=1" (Copper) | 0.0793 | 253287 | T-piece with SC | 2418CR | 15 X 15 X 12 | 706364 | Profipress CR | 0.0775 |
| 233521 | Reducing coupling with SC | 29152 | 1 1/4 X 1 | 781570 | ProPress >=1 1/4" (Copper) | 0.1136 | 253297 | T-piece with SC | 2418CR | 15 | 706371 | Profipress CR | 0.0814 |
| 233531 | Reducing coupling with SC | 29152 | 1 1/2 X 1 1/4 | 781624 | ProPress >=1 1/4" (Copper) | 0.188 | 253307 | T-piece with SC | 2418CR | 15 X 18 X 15 | 706388 | Profipress CR | 0.1003 |
| 233541 | Reducing coupling with SC | 29152 | 2 X 1 1/2 | 781679 | ProPress >=1 1/4" (Copper) | 0.288 | 253317 | T-piece with SC | 2418CR | 18 X 12 X 15 | 706395 | Profipress CR | 0.0935 |
| 233701 | Sliding coupling with SC | 29153 | 1/2 | 781723 | ProPress <=1" (Copper) | 0.0361 | 253327 | T-piece with SC | 2418CR | 18 X 12 X 18 | 706401 | Profipress CR | 0.09325 |
| 233711 | Sliding coupling with SC | 29153 | 3/4 | 781778 | ProPress <=1" (Copper) | 0.0596 | 253337 | T-piece with SC | 2418CR | 18 X 15 X 15 | 706418 | Profipress CR | 0.09914 |
| 233721 | Sliding coupling with SC | 29153 | 1 | 781822 | ProPress <=1" (Copper) | 0.0738 | 253347 | T-piece with SC | 2418CR | 18 X 15 X 18 | 706425 | Profipress CR | 0.1051 |
| 233731 | Sliding coupling with SC | 29153 | 1 1/4 | 781877 | ProPress >=1 1/4" (Copper) | 0.09732 | 253357 | T-piece with SC | 2418CR | 18 X 18 X 15 | 706432 | Profipress CR | 0.10494 |
| 233741 | Sliding coupling with SC | 29153 | 1 1/2 | 781921 | ProPress >=1 1/4" (Copper) | 0.214 | 253367 | T-piece with SC | 2418CR | 18 | 706449 | Profipress CR | 0.106 |
| 233751 | Sliding coupling with SC | 29153 | 2 | 781976 | ProPress >=1 1/4" (Copper) | 0.27 | 253377 | Coupling with SC | 2415CR | 12 | 706463 | Profipress CR | 0.0228 |
| 234001 | Elbow 90° with SC | 2916 | 1/2 | 773179 | ProPress <=1" (Copper) | 0.05245 | 253387 | Coupling with SC | 2415CR | 15 | 706470 | Profipress CR | 0.0342 |
| 234019 | Elbow 90° with SC | 2916 | 3/4 (SHORT) | 770222 | ProPress <=1" (Copper) | 0.0785 | 253397 | Coupling with SC | 2415CR | 18 | 706487 | Profipress CR | 0.0425 |
| 234029 | Elbow 90° with SC | 2916 | 1 (SHORT) | 770277 | ProPress <=1" (Copper) | 0.12688 | 253407 | Reducer with SC | 24151CR | 15 X 12 | 706524 | Profipress CR | 0.0258 |
| 234037 | Elbow 90° with SC | 2916 | 1 1/4 (SHORT) | 0 | ProPress >=1 1/4" (Copper) | 0.1652 | 253417 | Reducer with SC | 24151CR | 18 X 12 | 706531 | Profipress CR | 0.0292 |
| 234039 | Elbow 90° with SC | 2916 | 1 1/4 (SHORT) | 770321 | ProPress <=1" (Copper) | 0.1652 | 253427 | Reducer with SC | 24151CR | 18 X 15 | 706548 | Profipress CR | 0.0354 |
| 234049 | Elbow 90° with SC | 2916 | 1 1/2 (SHORT) | 770376 | ProPress >=1 1/4" (Copper) | 0.30246 | 253437 | Reducing coupling with SC | 24152CR | 15 X 12 | 706555 | Profipress CR | 0.0323 |
| 234059 | Elbow 90° with SC | 2 | | | | | | | | | | | |

| Mat. No. | Description | Model No. | Dimensions | Item No. | Description | Weight in kg | Mat. No. | Description | Model No. | Dimensions | Item No. | Description | Weight in kg |
|----------|--------------------------|-----------|--------------|----------|--------------------------------|--------------|----------|-------------------|-----------|--------------|----------|--------------------------------|--------------|
| 263111 | Elbow 90° with SC | 2616 | 28 | 345495 | Profipress G (CU) | 0,1222 | 285431 | T-piece with SC | 2418 | 28 X 18 X 22 | 324058 | Profipress dimensions <= 28 mm | 0,1582 |
| 263121 | Elbow 90° with SC | 2616 | 35 | 345501 | Profipress G (CU) | 0,18013 | 285441 | T-piece with SC | 2418 | 35 X 15 X 35 | 324865 | Profipress dimensions >= 35 mm | 0,2145 |
| 263131 | Elbow 90° with SC | 2616 | 42 | 345518 | Profipress G (CU) | 0,3147 | 285451 | T-piece with SC | 2418 | 35 X 18 X 35 | 324872 | Profipress dimensions >= 35 mm | 0,2112 |
| 263141 | Elbow 90° with SC | 2616 | 54 | 345525 | Profipress G (CU) | 0,4893 | 285461 | T-piece with SC | 2418 | 35 X 22 X 28 | 324889 | Profipress dimensions >= 35 mm | 0,228 |
| 263151 | Elbow 90° with SC | 2616 | 12 | 346850 | Profipress G (CU) | 0,033 | 285471 | T-piece with SC | 2418 | 35 X 28 X 28 | 324896 | Profipress dimensions >= 35 mm | 0,2398 |
| 263381 | Elbow 90° with SC | 26161 | 15 | 345532 | Profipress G (CU) | 0,0429 | 285481 | T-piece with SC | 2418 | 42 X 22 X 42 | 324902 | Profipress dimensions >= 35 mm | 0,364 |
| 263391 | Elbow 90° with SC | 26161 | 18 | 345549 | Profipress G (CU) | 0,0547 | 285491 | T-piece with SC | 2418 | 54 X 22 X 54 | 324919 | Profipress dimensions >= 35 mm | 0,4645 |
| 263401 | Elbow 90° with SC | 26161 | 22 | 345556 | Profipress G (CU) | 0,0848 | 285501 | T-piece with SC | 2418 | 12 | 291884 | Profipress dimensions <= 28 mm | 0,059 |
| 263411 | Elbow 90° with SC | 26161 | 28 | 345563 | Profipress G (CU) | 0,1193 | 285511 | T-piece with SC | 2418 | 18 | 291891 | Profipress dimensions <= 28 mm | 0,1052 |
| 263421 | Elbow 90° with SC | 26161 | 35 | 345570 | Profipress G (CU) | 0,1701 | 285521 | T-piece with SC | 2418 | 15 X 12 X 12 | 291907 | Profipress dimensions <= 28 mm | 0,0714 |
| 263431 | Elbow 90° with SC | 26161 | 42 | 345587 | Profipress G (CU) | 0,3066 | 285531 | T-piece with SC | 2418 | 15 X 12 X 15 | 291914 | Profipress dimensions <= 28 mm | 0,0737 |
| 263441 | Elbow 90° with SC | 26161 | 54 | 345594 | Profipress G (CU) | 0,4693 | 285541 | T-piece with SC | 2418 | 18 X 15 X 15 | 291921 | Profipress dimensions <= 28 mm | 0,0971 |
| 263451 | Elbow 90° with SC | 26161 | 12 | 346881 | Profipress G (CU) | 0,0304 | 285551 | T-piece with SC | 2418 | 18 X 15 X 18 | 291938 | Profipress dimensions <= 28 mm | 0,0978 |
| 263681 | Elbow 45° with SC | 2626 | 15 | 345600 | Profipress G (CU) | 0,0409 | 285561 | T-piece with SC | 2418 | 22 X 18 X 22 | 291945 | Profipress dimensions <= 28 mm | 0,1357 |
| 263691 | Elbow 45° with SC | 2626 | 18 | 345617 | Profipress G (CU) | 0,0504 | 285571 | T-piece with SC | 2418 | 15 | 291952 | Profipress dimensions <= 28 mm | 0,0814 |
| 263701 | Elbow 45° with SC | 2626 | 22 | 345624 | Profipress G (CU) | 0,075 | 285581 | T-piece with SC | 2418 | 22 | 291969 | Profipress dimensions <= 28 mm | 0,1276 |
| 263711 | Elbow 45° with SC | 2626 | 28 | 345631 | Profipress G (CU) | 0,094 | 285591 | T-piece with SC | 2418 | 26 | 291976 | Profipress dimensions <= 28 mm | 0,2021 |
| 263721 | Elbow 45° with SC | 2626 | 35 | 345648 | Profipress G (CU) | 0,1448 | 285601 | T-piece with SC | 2418 | 35 | 291983 | Profipress dimensions <= 35 mm | 0,2632 |
| 263731 | Elbow 45° with SC | 2626 | 42 | 345655 | Profipress G (CU) | 0,277 | 285611 | T-piece with SC | 2418 | 42 | 291990 | Profipress dimensions >= 35 mm | 0,5264 |
| 263741 | Elbow 45° with SC | 2626 | 54 | 345662 | Profipress G (CU) | 0,3675 | 285621 | T-piece with SC | 2418 | 54 | 292003 | Profipress dimensions >= 35 mm | 0,6801 |
| 263751 | Elbow 45° with SC | 2626 | 12 | 346898 | Profipress G (CU) | 0,0286 | 285631 | T-piece with SC | 2418 | 22 X 15 X 15 | 292010 | Profipress dimensions <= 28 mm | 0,12212 |
| 263981 | Elbow 45° with SC | 26261 | 15 | 345679 | Profipress G (CU) | 0,037 | 285641 | T-piece with SC | 2418 | 22 X 15 X 22 | 292027 | Profipress dimensions <= 28 mm | 0,1276 |
| 263991 | Elbow 45° with SC | 26261 | 18 | 345686 | Profipress G (CU) | 0,0456 | 285651 | T-piece with SC | 2418 | 35 X 22 X 35 | 292034 | Profipress dimensions >= 35 mm | 0,2207 |
| 264001 | Elbow 45° with SC | 26261 | 22 | 345693 | Profipress G (CU) | 0,06865 | 285661 | T-piece with SC | 2418 | 35 X 28 X 35 | 292041 | Profipress dimensions >= 35 mm | 0,2395 |
| 264011 | Elbow 45° with SC | 26261 | 28 | 345709 | Profipress G (CU) | 0,0909 | 285671 | T-piece with SC | 2418 | 42 X 28 X 42 | 292058 | Profipress dimensions >= 35 mm | 0,3816 |
| 264021 | Elbow 45° with SC | 26261 | 35 | 345716 | Profipress G (CU) | 0,14312 | 285681 | T-piece with SC | 2418 | 42 X 35 X 42 | 292065 | Profipress dimensions >= 35 mm | 0,4024 |
| 264031 | Elbow 45° with SC | 26261 | 42 | 345723 | Profipress G (CU) | 0,253 | 285691 | T-piece with SC | 2418 | 54 X 42 X 54 | 292072 | Profipress dimensions >= 35 mm | 0,6078 |
| 264041 | Elbow 45° with SC | 26261 | 54 | 345730 | Profipress G (CU) | 0,357 | 285901 | T-piece with SC | 2418 | 28 X 15 X 28 | 295189 | Profipress dimensions <= 28 mm | 0,175 |
| 264051 | Elbow 45° with SC | 26261 | 12 | 346904 | Profipress G (CU) | 0,0266 | 285911 | T-piece with SC | 2418 | 28 X 22 X 28 | 295196 | Profipress dimensions <= 28 mm | 0,1856 |
| 264061 | Cap with SC | 2656 | 15 | 352790 | Profipress G (CU) | 0,0243 | 285951 | T-piece with SC | 2418 | 28 X 22 X 22 | 307899 | Profipress dimensions <= 28 mm | 0,1851 |
| 264071 | Cap with SC | 2656 | 18 | 352806 | Profipress G (CU) | 0,0306 | 285961 | T-piece with SC | 2418 | 54 X 28 X 54 | 324926 | Profipress dimensions >= 35 mm | 0,501 |
| 264081 | Cap with SC | 2656 | 22 | 352813 | Profipress G (CU) | 0,042 | 285971 | T-piece with SC | 2418 | 54 X 35 X 54 | 324933 | Profipress dimensions >= 35 mm | 0,5415 |
| 264091 | Cap with SC | 2656 | 28 | 352820 | Profipress G (CU) | 0,0543 | 286101 | Elbow 45° with SC | 2426 | 15 | 292348 | Profipress dimensions <= 28 mm | 0,0381 |
| 264101 | Cap with SC | 2656 | 35 | 352837 | Profipress G (CU) | 0,084 | 286111 | Elbow 45° with SC | 2426 | 22 | 292355 | Profipress dimensions <= 28 mm | 0,0715 |
| 264111 | Cap with SC | 2656 | 42 | 352844 | Profipress G (CU) | 0,161 | 286121 | Elbow 45° with SC | 2426 | 28 | 292362 | Profipress dimensions <= 28 mm | 0,0916 |
| 264121 | Cap with SC | 2656 | 54 | 352851 | Profipress G (CU) | 0,205 | 286131 | Elbow 45° with SC | 2426 | 35 | 292379 | Profipress dimensions >= 35 mm | 0,1297 |
| 264451 | T-piece with SC | 2618 | 15 | 345938 | Profipress G (CU) | 0,0846 | 286141 | Elbow 45° with SC | 2426 | 42 | 292386 | Profipress dimensions >= 35 mm | 0,256 |
| 264461 | T-piece with SC | 2618 | 18 | 345945 | Profipress G (CU) | 0,1044 | 286151 | Elbow 45° with SC | 2426 | 54 | 292393 | Profipress dimensions >= 35 mm | 0,3534 |
| 264471 | T-piece with SC | 2618 | 22 | 345952 | Profipress G (CU) | 0,1257 | 286161 | Elbow 45° with SC | 2426 | 12 | 292409 | Profipress dimensions <= 28 mm | 0,026 |
| 264481 | T-piece with SC | 2618 | 28 | 345969 | Profipress G (CU) | 0,2026 | 286171 | Elbow 45° with SC | 2426 | 18 | 292416 | Profipress dimensions <= 28 mm | 0,0473 |
| 264491 | T-piece with SC | 2618 | 35 | 345976 | Profipress G (CU) | 0,282 | 286301 | Elbow 45° with SC | 24261 | 15 | 292508 | Profipress dimensions <= 28 mm | 0,0342 |
| 264501 | T-piece with SC | 2618 | 42 | 345983 | Profipress G (CU) | 0,5384 | 286311 | Elbow 45° with SC | 24261 | 22 | 292515 | Profipress dimensions <= 28 mm | 0,0659 |
| 264511 | T-piece with SC | 2618 | 54 | 345990 | Profipress G (CU) | 0,673 | 286321 | Elbow 45° with SC | 24261 | 28 | 292522 | Profipress dimensions <= 28 mm | 0,0858 |
| 264521 | T-piece with SC | 2618 | 18 X 15 X 18 | 346003 | Profipress G (CU) | 0,10441 | 286331 | Elbow 45° with SC | 24261 | 35 | 292539 | Profipress dimensions >= 35 mm | 0,1228 |
| 264531 | T-piece with SC | 2618 | 22 X 15 X 15 | 346010 | Profipress G (CU) | 0,1223 | 286341 | Elbow 45° with SC | 24261 | 42 | 292546 | Profipress dimensions >= 35 mm | 0,2367 |
| 264541 | T-piece with SC | 2618 | 22 X 15 X 22 | 346027 | Profipress G (CU) | 0,13078 | 286351 | Elbow 45° with SC | 24261 | 54 | 292553 | Profipress dimensions >= 35 mm | 0,3425 |
| 264551 | T-piece with SC | 2618 | 22 X 18 X 22 | 346034 | Profipress G (CU) | 0,1386 | 286361 | Elbow 45° with SC | 24261 | 18 | 292560 | Profipress dimensions <= 28 mm | 0,0429 |
| 264561 | T-piece with SC | 2618 | 22 X 22 X 15 | 346041 | Profipress G (CU) | 0,146 | 286371 | Elbow 45° with SC | 24261 | 12 | 292577 | Profipress dimensions <= 28 mm | 0,0235 |
| 264571 | T-piece with SC | 2618 | 28 X 15 X 28 | 346058 | Profipress G (CU) | 0,1752 | 286401 | Coupling with SC | 2415 | 28 | 292676 | Profipress dimensions <= 28 mm | 0,0748 |
| 264581 | T-piece with SC | 2618 | 28 X 22 X 28 | 346065 | Profipress G (CU) | 0,1909 | 286411 | Coupling with SC | 2415 | 22 | 292683 | Profipress dimensions <= 28 mm | 0,058 |
| 264591 | T-piece with SC | 2618 | 35 X 22 X 35 | 346072 | Profipress G (CU) | 0,237 | 286421 | Coupling with SC | 2415 | 15 | 292690 | Profipress dimensions <= 28 mm | 0,0339 |
| 264601 | T-piece with SC | 2618 | 35 X 28 X 35 | 346089 | Profipress G (CU) | 0,2523 | 286431 | Coupling with SC | 2415 | 35 | 292706 | Profipress dimensions >= 35 mm | 0,096 |
| 264611 | T-piece with SC | 2618 | 42 X 28 X 42 | 346096 | Profipress G (CU) | 0,4001 | 286441 | Coupling with SC | 2415 | 42 | 292713 | Profipress dimensions >= 35 mm | 0,203 |
| 264621 | T-piece with SC | 2618 | 42 X 35 X 42 | 346102 | Profipress G (CU) | 0,4178 | 286451 | Coupling with SC | 2415 | 54 | 292720 | Profipress dimensions >= 35 mm | 0,275 |
| 264631 | T-piece with SC | 2618 | 54 X 42 X 54 | 346119 | Profipress G (CU) | 0,624 | 286461 | Coupling with SC | 2415 | 12 | 292737 | Profipress dimensions <= 28 mm | 0,0223 |
| 264641 | T-piece with SC | 2618 | 12 | 346959 | Profipress G (CU) | 0,0613 | 286471 | Coupling with SC | 2415 | 18 | 292744 | Profipress dimensions <= 28 mm | 0,0423 |
| 264651 | T-piece with SC | 2618 | 12 X 15 X 12 | 346966 | Profipress G (CU) | 0,06772 | 286881 | Reducer with SC | 24151 | 54 X 28 | 366476 | Profipress dimensions >= 35 mm | 0,169 |
| 264661 | T-piece with SC | 2618 | 15 X 12 X 12 | 346973 | Profipress G (CU) | 0,0711 | 286901 | Reducer with SC | 24151 | 22 X 15 | 396377 | Profipress dimensions <= 28 mm | 0,0395 |
| 264671 | T-piece with SC | 2618 | 15 X 12 X 15 | 346980 | Profipress G (CU) | 0,0776 | 286911 | Reducer with SC | 24151 | 28 X 18 | 396384 | Profipress dimensions <= 28 mm | 0,0525 |
| 264681 | T-piece with SC | 2618 | 15 X 15 X 12 | 346997 | Profipress G (CU) | 0,0819 | 286921 | Reducer with SC | 24151 | 22 X 18 | 396391 | Profipress dimensions <= 28 mm | 0,0435 |
| 264691 | T-piece with SC | 2618 | 22 X 12 X 22 | 347000 | Profipress G (CU) | 0,1233 | 286931 | Reducer with SC | 24151 | 18 X 15 | 396407 | Profipress dimensions <= 28 mm | 0,0349 |
| 264721 | Cap with SC | 2656 | 12 | 438722 | Profipress G (CU) | 0,0175 | 286941 | Reducer with SC | 24151 | 15 X 12 | 396414 | Profipress dimensions <= 28 mm | 0,0256 |
| 267171 | Elbow with SC | 24162 | 15 X 12 | 629281 | Profipress dimensions <= 28 mm | 0,0338 | 286951 | Reducer with SC | 24151 | 54 X 42 | 396421 | Profipress dimensions >= 35 mm | 0,2537 |
| 267321 | Elbow with SC | 24262 | 15 X 12 | 629298 | Profipress dimensions <= 28 mm | 0,0295 | 286961 | Reducer with SC | 24151 | 54 X 35 | 396438 | Profipress dimensions >= 35 mm | 0,1772 |
| 275231 | Sliding coupling with SC | 24153 | 15 | 461256 | Profipress dimensions <= 28 mm | 0,034 | 286971 | Reducer with SC | 24151 | 42 X 22 | 396445 | Profipress dimensions >= 35 mm | 0,12 |
| 275241 | Sliding coupling with SC | 24153 | 18 | 461263 | Profipress dimensions <= 28 mm | 0,0423 | 286981 | Reducer with SC | 24151 | 35 X 22 | 396452 | Profipress dimensions >= 35 mm | 0,081 |
| 275251 | Sliding coupling with SC | 24153 | 22 | 461270 | Profipress dimensions <= 28 mm | 0,0582 | 286991 | Reducer with SC | 24151 | 28 X 15 | 396469 | Profipress dimensions <= 28 mm | 0,0486 |
| 275261 | Sliding coupling with SC | 24153 | 28 | 461287 | Profipress dimensions <= 28 mm | 0,0739 | 287001 | Reducer with SC | 24151 | 42 X 35 | 396476 | Profipress dimensions >= 35 mm | 0,134 |
| 275291 | Sliding coupling with SC | 24153 | 35 | 461294 | Profipress dimensions >= 35 mm | 0,098 | 287011 | Reducer with SC | 24151 | 42 X 28 | 396483 | Profipress dimensions >= 35 mm | 0,126 |
| 275381 | Sliding coupling with SC | 24153 | 42 | 461317 | Profipress dimensions >= 35 mm | 0,203 | 287021 | Reducer with SC | 24151 | 35 X 28 | 396490 | Profipress dimensions >= 35 mm | 0,0844 |
| 275391 | Sliding coupling with SC | 24153 | 54 | 461300 | Profipress dimensions >= 35 mm | 0,267 | 287031 | Reducer with SC | 24151 | 28 X 22 | 396506 | Profipress dimensions <= 28 mm | 0,0583 |
| 284241 | Sliding coupling with SC | 24153 | 14 | 755805 | Profipress dimensions <= 28 mm | 0,03335 | 287041 | Reducer with SC | 24151 | 18 X 12 | 398586 | Profipress dimensions <= 28 mm | 0,028 |
| 284251 | Sliding coupling with SC | 24153 | 16 | 755812 | Profipress dimensions <= 28 mm | 0,0355 | 287301 | T-piece with SC | 2418 | 18 X 18 X 15 | 315009 | Profipress dimensions <= 28 mm | 0,10503 |
| 285001 | Elbow 90° with SC | 2416 | 12 | 291488 | Profipress dimensions <= 28 mm | 0,03015 | 287311 | T-piece with SC | 2418 | 28 X 28 X 22 | 315016 | Profipress dimensions <= 28 mm | 0,192 |
| 285011 | Elbow 90° with SC | 2416 | 18 | 291495 | Profipress dimensions <= 28 mm | 0,0556 | 287321 | T-piece with SC | 2418 | 28 X 18 X 28 | 315023 | Profipress dimensions <= 28 mm | 0,164 |
| 285021 | Elbow 90° with SC | 2416 | 15 | 291501 | Profipress dimensions <= 28 mm | 0,0436 | 287331 | T-piece with SC | 2418 | 22 X 22 X 18 | 315030 | Profipress dimensions <= 28 mm | 0,1492 |
| 285031 | Elbow 90° with SC | | | | | | | | | | | | |

Product group: "connecting technology"

| Mat. No. | Description | Model No. | Dimensions | Item No. | Description | Weight in kg | Mat. No. | Description | Model No. | Dimensions | Item No. | Description | Weight in kg |
|----------|---------------------------|-----------|-------------------|----------|--------------------------------|--------------|----------|---------------------------|-----------|----------------|----------|--------------------------|--------------|
| 288441 | End closing piece | 2457 | 28 | 314569 | Profipress dimensions <= 28 mm | 0.0325 | 351581 | Elbow 90° with SC | 7161 | DN25 | 579487 | ProPress C <=1" (CU) | 0.1035 |
| 288451 | End closing piece | 2457 | 22 | 314576 | Profipress dimensions <= 28 mm | 0.01994 | 351591 | Elbow 90° with SC | 7161 | DN32 | 579494 | ProPress C >=1 1/4" (CU) | 0.1485 |
| 288511 | End closing piece | 2457 | 18 | 330897 | Profipress dimensions <= 28 mm | 0.0141 | 351601 | Elbow 90° with SC | 7161 | DN40 | 579500 | ProPress C >=1 1/4" (CU) | 0.252 |
| 288521 | End closing piece | 2457 | 15 | 330903 | Profipress dimensions <= 28 mm | 0.0116 | 351611 | Elbow 90° with SC | 7161 | DN50 | 579517 | ProPress C >=1 1/4" (CU) | 0.465 |
| 288551 | T-piece with SC | 2418 | 18 X 12 X 15 | 365073 | Profipress dimensions <= 28 mm | 0.09297 | 351801 | T-piece with SC | 718 | DN15 | 579739 | ProPress C <=1" (CU) | 0.06224 |
| 288561 | T-piece with SC | 2418 | 35 X 35 X 28 | 365080 | Profipress dimensions >= 35 mm | 0.2725 | 351811 | T-piece with SC | 718 | DN20 | 579746 | ProPress C <=1" (CU) | 0.1166 |
| 288571 | T-piece with SC | 2418 | 35 X 35 X 22 | 365882 | Profipress dimensions >= 35 mm | 0.2689 | 351821 | T-piece with SC | 718 | DN25 | 579753 | ProPress C <=1" (CU) | 0.1754 |
| 288781 | Cap with SC | 2456 | 12 | 349295 | Profipress dimensions <= 28 mm | 0.0153 | 351831 | T-piece with SC | 718 | DN20 X 15 X 15 | 579760 | ProPress C <=1" (CU) | 0.0917 |
| 288791 | Cap with SC | 2456 | 15 | 349301 | Profipress dimensions <= 28 mm | 0.02045 | 351841 | T-piece with SC | 718 | DN20 X 20 X 15 | 579777 | ProPress C <=1" (CU) | 0.0982 |
| 288801 | Cap with SC | 2456 | 18 | 349363 | Profipress dimensions <= 28 mm | 0.028 | 351851 | T-piece with SC | 718 | DN20 X 15 X 20 | 579784 | ProPress C <=1" (CU) | 0.1091 |
| 288811 | Cap with SC | 2456 | 22 | 349356 | Profipress dimensions <= 28 mm | 0.0385 | 351861 | T-piece with SC | 718 | DN32 | 579791 | ProPress C >=1 1/4" (CU) | 0.2485 |
| 288821 | Cap with SC | 2456 | 28 | 349349 | Profipress dimensions <= 28 mm | 0.0525 | 351871 | T-piece with SC | 718 | DN40 | 579807 | ProPress C >=1 1/4" (CU) | 0.381 |
| 288831 | Cap with SC | 2456 | 35 | 349332 | Profipress dimensions >= 35 mm | 0.0706 | 351881 | T-piece with SC | 718 | DN50 | 579814 | ProPress C >=1 1/4" (CU) | 0.654 |
| 288841 | Cap with SC | 2456 | 42 | 349325 | Profipress dimensions >= 35 mm | 0.141 | 351891 | T-piece with SC | 718 | DN25 X 25 X 15 | 579821 | ProPress C <=1" (CU) | 0.1389 |
| 288851 | Cap with SC | 2456 | 54 | 349318 | Profipress dimensions >= 35 mm | 0.1923 | 351901 | T-piece with SC | 718 | DN25 X 25 X 20 | 579838 | ProPress C <=1" (CU) | 0.1573 |
| 288861 | Crossover with SC | 2428 | 15 | 352134 | Profipress dimensions <= 28 mm | 0.0985 | 351911 | T-piece with SC | 718 | DN32 X 32 X 15 | 579845 | ProPress C >=1 1/4" (CU) | 0.1794 |
| 288871 | Crossover with SC | 2428 | 18 | 352141 | Profipress dimensions <= 28 mm | 0.13106 | 351921 | T-piece with SC | 718 | DN32 X 32 X 25 | 579852 | ProPress C >=1 1/4" (CU) | 0.228 |
| 288881 | Crossover with SC | 2428 | 22 | 352158 | Profipress dimensions <= 28 mm | 0.1864 | 351931 | T-piece with SC | 718 | DN40 X 40 X 25 | 579869 | ProPress C >=1 1/4" (CU) | 0.3039 |
| 294001 | Reducing coupling with SC | 24152 | 15 X 12 | 325770 | Profipress dimensions <= 28 mm | 0.03145 | 351941 | T-piece with SC | 718 | DN40 X 40 X 32 | 579876 | ProPress C >=1 1/4" (CU) | 0.326 |
| 294011 | Reducing coupling with SC | 24152 | 18 X 15 | 325787 | Profipress dimensions <= 28 mm | 0.0428 | 351951 | T-piece with SC | 718 | DN50 X 50 X 20 | 579883 | ProPress C >=1 1/4" (CU) | 0.431 |
| 294021 | Reducing coupling with SC | 24152 | 22 X 15 | 325794 | Profipress dimensions <= 28 mm | 0.0555 | 351961 | T-piece with SC | 718 | DN50 X 50 X 25 | 579890 | ProPress C >=1 1/4" (CU) | 0.4626 |
| 294031 | Reducing coupling with SC | 24152 | 22 X 18 | 325800 | Profipress dimensions <= 28 mm | 0.0562 | 351971 | T-piece with SC | 718 | DN50 X 50 X 32 | 579906 | ProPress C >=1 1/4" (CU) | 0.5058 |
| 294041 | Reducing coupling with SC | 24152 | 28 X 22 | 325817 | Profipress dimensions <= 28 mm | 0.0788 | 351981 | T-piece with SC | 718 | DN50 X 50 X 40 | 579913 | ProPress C >=1 1/4" (CU) | 0.56 |
| 294101 | Reducing coupling with SC | 24152 | 42 X 35 | 328252 | Profipress dimensions >= 35 mm | 0.1795 | 352101 | Coupling with SC | 815 | DN15 | 580124 | ProPress C Gas (CU) | 0.0265 |
| 294111 | Reducing coupling with SC | 24152 | 35 X 28 | 328269 | Profipress dimensions >= 35 mm | 0.1015 | 352111 | Coupling with SC | 815 | DN20 | 580131 | ProPress C Gas (CU) | 0.0477 |
| 294121 | Reducing coupling with SC | 24152 | 54 X 42 | 328276 | Profipress dimensions >= 35 mm | 0.2848 | 352121 | Coupling with SC | 815 | DN25 | 580148 | ProPress C Gas (CU) | 0.0674 |
| 310121 | Reducing coupling with SC | 7152 | DN20 X 18 | 673611 | ProPress C <=1" (CU) | 0.0455 | 352131 | Coupling with SC | 815 | DN32 | 580155 | ProPress C Gas (CU) | 0.097 |
| 310131 | Reducing coupling with SC | 7152 | DN18 X 15 | 673628 | ProPress C <=1" (CU) | 0.0369 | 352141 | Coupling with SC | 815 | DN40 | 580162 | ProPress C Gas (CU) | 0.1525 |
| 340001 | Coupling with SC | 2415XL | 64 | 577582 | Profipress XL | 0.524 | 352151 | Coupling with SC | 815 | DN50 | 580179 | ProPress C Gas (CU) | 0.251 |
| 340021 | Reducer with SC | 24151XL | 64.0 X 42 | 577605 | Profipress XL | 0.34 | 352161 | Reducing coupling with SC | 8152 | DN20 X 15 | 580186 | ProPress C Gas (CU) | 0.0424 |
| 340031 | Reducer with SC | 24151XL | 64.0 X 54 | 577612 | Profipress XL | 0.342 | 352171 | Reducing coupling with SC | 8152 | DN25 X 20 | 580193 | ProPress C Gas (CU) | 0.0657 |
| 340101 | Sliding coupling with SC | 24155XL | 64 | 577650 | Profipress XL | 0.523 | 352181 | Reducing coupling with SC | 8152 | DN32 X 25 | 580209 | ProPress C Gas (CU) | 0.0919 |
| 340111 | Adapter with SC | 2412XL | 64.0 X 2 1/2 | 577667 | Profipress XL | 0.763 | 352191 | Reducing coupling with SC | 8152 | DN40 X 32 | 580216 | ProPress C Gas (CU) | 0.1406 |
| 340121 | Adapter with SC | 2411XL | 64.0 X 2 1/2 | 577674 | Profipress XL | 0.72 | 352211 | Reducing coupling with SC | 8152 | DN50 X 40 | 580223 | ProPress C Gas (CU) | 0.2424 |
| 340151 | Elbow 90° with SC | 2416XL | 64 | 577681 | Profipress XL | 0.912 | 352301 | Sliding coupling with SC | 8155 | DN15 | 580230 | ProPress C Gas (CU) | 0.0265 |
| 340161 | Elbow 90° with SC | 24161XL | 64 | 577698 | Profipress XL | 0.865 | 352311 | Sliding coupling with SC | 8155 | DN20 | 580247 | ProPress C Gas (CU) | 0.0477 |
| 340171 | T-piece with SC | 24172XL | 64.0 X 3/4 X 64.0 | 577704 | Profipress XL | 0.676 | 352321 | Sliding coupling with SC | 8155 | DN25 | 580254 | ProPress C Gas (CU) | 0.0679 |
| 340181 | T-piece with SC | 24172XL | 64.0 X 1 X 64.0 | 577711 | Profipress XL | 0.743 | 352331 | Sliding coupling with SC | 8155 | DN32 | 580261 | ProPress C Gas (CU) | 0.099 |
| 340191 | T-piece with SC | 2418XL | 64 | 577728 | Profipress XL | 0.996 | 352341 | Sliding coupling with SC | 8155 | DN40 | 580278 | ProPress C Gas (CU) | 0.1525 |
| 340201 | T-piece with SC | 2418XL | 64.0 X 35 X 64.0 | 577735 | Profipress XL | 0.711 | 352351 | Sliding coupling with SC | 8155 | DN50 | 580285 | ProPress C Gas (CU) | 0.251 |
| 340211 | T-piece with SC | 2418XL | 64.0 X 42 X 64.0 | 577742 | Profipress XL | 0.805 | 352551 | Elbow 90° with SC | 8161 | DN15 | 580353 | ProPress C Gas (CU) | 0.031 |
| 340221 | T-piece with SC | 2418XL | 64.0 X 54 X 64.0 | 577759 | Profipress XL | 0.866 | 352561 | Elbow 90° with SC | 8161 | DN20 | 580360 | ProPress C Gas (CU) | 0.0618 |
| 340251 | Elbow 45° with SC | 2426XL | 64 | 577766 | Profipress XL | 0.711 | 352571 | Elbow 90° with SC | 8161 | DN25 | 580377 | ProPress C Gas (CU) | 0.107 |
| 340261 | Elbow 45° with SC | 24261XL | 64 | 577773 | Profipress XL | 0.6425 | 352581 | Elbow 90° with SC | 8161 | DN32 | 580384 | ProPress C Gas (CU) | 0.152 |
| 340271 | Cap with SC | 2456XL | 64.0 X 3/4 | 577780 | Profipress XL | 0.417 | 352591 | Elbow 90° with SC | 8161 | DN40 | 580391 | ProPress C Gas (CU) | 0.255 |
| 340281 | Flange adapter | 24595XL | 64.0 (DN65) | 577797 | Profipress XL | 2.97 | 352601 | Elbow 90° with SC | 8161 | DN50 | 580407 | ProPress C Gas (CU) | 0.466 |
| 340401 | Sleeve with SC | 2615XL | 64 | 577858 | Profipress G XL (CU) | 0.5375 | 352651 | T-piece with SC | 818 | DN15 | 580506 | ProPress C Gas (CU) | 0.0622 |
| 340411 | Reducer with SC | 26151XL | 64.0 X 42 | 577865 | Profipress G XL (CU) | 0.333 | 352661 | T-piece with SC | 818 | DN20 | 580513 | ProPress C Gas (CU) | 0.1166 |
| 340421 | Reducer with SC | 26151XL | 64.0 X 54 | 577872 | Profipress G XL (CU) | 0.355 | 352671 | T-piece with SC | 818 | DN20 X 15 X 15 | 580520 | ProPress C Gas (CU) | 0.0908 |
| 340451 | Sliding coupling with SC | 26155XL | 64 | 577889 | Profipress G XL (CU) | 0.5265 | 352681 | T-piece with SC | 818 | DN20 X 20 X 15 | 580537 | ProPress C Gas (CU) | 0.099 |
| 340461 | Adapter with SC | 2612XL | 64.0 X 2 1/2 | 577896 | Profipress G XL (CU) | 0.7365 | 352691 | T-piece with SC | 818 | DN25 | 580544 | ProPress C Gas (CU) | 0.181 |
| 340471 | Adapter with SC | 2611XL | 64.0 X 2 1/2 | 577902 | Profipress G XL (CU) | 0.73 | 352701 | T-piece with SC | 818 | DN32 | 580551 | ProPress C Gas (CU) | 0.2507 |
| 340501 | Elbow 90° with SC | 2616XL | 64 | 577919 | Profipress G XL (CU) | 0.944 | 352711 | T-piece with SC | 818 | DN40 | 580568 | ProPress C Gas (CU) | 0.3821 |
| 340511 | Elbow 90° with SC | 26161XL | 64 | 577926 | Profipress G XL (CU) | 0.845 | 352721 | T-piece with SC | 818 | DN50 | 580575 | ProPress C Gas (CU) | 0.649 |
| 340521 | T-piece with SC | 2618XL | 64 | 577933 | Profipress G XL (CU) | 1.004 | 352731 | T-piece with SC | 818 | DN25 X 25 X 20 | 580582 | ProPress C Gas (CU) | 0.15601 |
| 340531 | T-piece with SC | 2618XL | 64.0 X 54 X 64.0 | 577940 | Profipress G XL (CU) | 0.8625 | 352741 | T-piece with SC | 818 | DN32 X 32 X 25 | 580599 | ProPress C Gas (CU) | 0.2308 |
| 340561 | Elbow 45° with SC | 2626XL | 64 | 577957 | Profipress G XL (CU) | 0.73 | 352751 | T-piece with SC | 818 | DN40 X 40 X 32 | 580605 | ProPress C Gas (CU) | 0.3319 |
| 340571 | Elbow 45° with SC | 26261XL | 64 | 577964 | Profipress G XL (CU) | 0.68 | 352761 | T-piece with SC | 818 | DN50 X 50 X 40 | 580612 | ProPress C Gas (CU) | 0.5488 |
| 340581 | Flange adapter with SC | 26595XL | 64.0 (DN65) | 577971 | Profipress G XL (CU) | 2.898 | 352901 | Elbow 45° with SC | 826 | DN25 | 580629 | ProPress C Gas (CU) | 0.0893 |
| 351001 | Coupling with SC | 715 | DN15 | 579159 | ProPress C <=1" (CU) | 0.0265 | 352911 | Elbow 45° with SC | 826 | DN32 | 580636 | ProPress C Gas (CU) | 0.1184 |
| 351011 | Coupling with SC | 715 | DN20 | 579166 | ProPress C <=1" (CU) | 0.0465 | 352921 | Elbow 45° with SC | 826 | DN40 | 580643 | ProPress C Gas (CU) | 0.2 |
| 351021 | Coupling with SC | 715 | DN25 | 579173 | ProPress C <=1" (CU) | 0.067 | 352931 | Elbow 45° with SC | 826 | DN50 | 580650 | ProPress C Gas (CU) | 0.35 |
| 351031 | Coupling with SC | 715 | DN32 | 579180 | ProPress C >=1 1/4" (CU) | 0.0955 | 352941 | Elbow 45° with SC | 8261 | DN25 | 580667 | ProPress C Gas (CU) | 0.0862 |
| 351041 | Coupling with SC | 715 | DN40 | 579197 | ProPress C >=1 1/4" (CU) | 0.152 | 352951 | Elbow 45° with SC | 8261 | DN32 | 580674 | ProPress C Gas (CU) | 0.1185 |
| 351051 | Coupling with SC | 715 | DN50 | 579203 | ProPress C >=1 1/4" (CU) | 0.249 | 352961 | Elbow 45° with SC | 8261 | DN40 | 580681 | ProPress C Gas (CU) | 0.192 |
| 351101 | Reducing sleeve with SC | 7152 | DN20 X 15 | 579210 | ProPress C <=1" (CU) | 0.0424 | 352971 | Elbow 45° with SC | 8261 | DN50 | 580688 | ProPress C Gas (CU) | 0.333 |
| 351111 | Reducing sleeve with SC | 7152 | DN25 X 15 | 579227 | ProPress C <=1" (CU) | 0.066 | 353001 | Closing cap with SC | 856 | DN15 | 580704 | ProPress C Gas (CU) | 0.017 |
| 351121 | Reducing sleeve with SC | 7152 | DN32 X 15 | 579234 | ProPress C <=1" (CU) | 0.08536 | 353011 | Closing cap with SC | 856 | DN20 | 580711 | ProPress C Gas (CU) | 0.031 |
| 351131 | Reducing sleeve with SC | 7152 | DN32 X 15 | 579241 | ProPress C >=1 1/4" (CU) | 0.0941 | 353051 | Coupling | 07152XL | DN65 X 32 | 578985 | ProPress C XL (CU) | 0.368 |
| 351141 | Reducing sleeve with SC | 7152 | DN32 X 20 | 579258 | ProPress C >=1 1/4" (CU) | 0.0953 | 353061 | Coupling | 07152XL | DN65 X 40 | 578992 | ProPress C XL (CU) | 0.395 |
| 351151 | Reducing sleeve with SC | 7152 | DN32 X 25 | 579265 | ProPress C >=1 1/4" (CU) | 0.0992 | 353071 | Coupling | 07152XL | DN65 X 50 | 579005 | ProPress C XL (CU) | 0.4435 |
| 351161 | Reducing sleeve with SC | 7152 | DN40 X 20 | 579272 | ProPress C >=1 1/4" (CU) | 0.1438 | 353081 | Coupling | 07152XL | DN80 X 40 | 579012 | ProPress C XL (CU) | 0.508 |
| 351171 | Reducing sleeve with SC | 7152 | DN40 X 25 | 579289 | ProPress C >=1 1/4" (CU) | 0.147 | 353091 | Coupling | 07152XL | DN80 X 50 | 579029 | ProPress C XL (CU) | 0.55 |
| 351181 | Reducing sleeve with SC | 7152 | DN40 X 32 | 579296 | ProPress C >=1 1/4" (CU) | 0.142 | 353101 | Coupling | 07152XL | DN80 X 65 | 579036 | ProPress C XL (CU) | 0.66 |
| 351191 | Reducing sleeve with SC | 7152 | DN50 X 20 | 579302 | ProPress C >=1 1/4" (CU) | 0.2451 | 353111 | Coupling | 07152XL | DN100 X 50 | 579043 | ProPress C XL (CU) | 0.894 |
| 351201 | Reducing sleeve with SC | 7152 | DN50 X 25 | 579319 | ProPress C >=1 1/4" (CU) | 0.242 | 353121 | Coupling | 07152XL | DN100 X 65 | 579050 | ProPress C XL (CU) | 1.032 |
| 351211 | Reducing sleeve with SC | 7152 | DN50 X 32 | 579326 | ProPress C >=1 1/4" (CU) | 0.235 | 353131 | Coupling | 07152XL | DN100 X 80 | 579067 | ProPress C XL (CU) | 1.051 |
| 351221 | Reducing sleeve with SC | 7152 | DN50 X 40 | 579333</ | | | | | | | | | |

| Mat. No. | Description | Model No. | Dimensions | Item No. | Description | Weight in kg | Mat. No. | Description | Model No. | Dimensions | Item No. | Description | Weight in kg |
|----------|---------------------------|-----------|---------------------|----------|--------------------------|--------------|----------|--------------------------|-----------|-----------------------|----------|------------------|--------------|
| 353481 | T-piece | 07172XL | DN80 X DN80 X 2 | 591670 | ProPress C XL (CU) | 1,159 | 403221 | Elbow 45° with SC | 2426XL | 108 | 476922 | Profipress XL | 2,02 |
| 353491 | T-piece | 07172XL | DN100 X DN100 X 3/4 | 591687 | ProPress C XL (CU) | 1,486 | 403301 | Elbow 45° with SC | 24261XL | 76,1 | 476939 | Profipress XL | 0,929 |
| 353501 | T-piece | 07172XL | DN100 X DN100 X 2 | 591694 | ProPress C XL (CU) | 1,86 | 403311 | Elbow 45° with SC | 24261XL | 88,9 | 476946 | Profipress XL | 1,13 |
| 353601 | T-piece | 0718XL | DN65 | 591700 | ProPress C XL (CU) | 1,0205 | 403321 | Elbow 45° with SC | 24261XL | 108 | 476953 | Profipress XL | 1,911 |
| 353611 | T-piece | 0718XL | DN80 | 591717 | ProPress C XL (CU) | 1,357 | 403401 | T-piece with SC | 2418XL | 76,1 | 476960 | Profipress XL | 1,32 |
| 353621 | T-piece | 0718XL | DN100 | 591724 | ProPress C XL (CU) | 2,54 | 403411 | T-piece with SC | 2418XL | 76,1 X 54 X 76,1 | 476977 | Profipress XL | 1,0475 |
| 353631 | T-piece | 0718XL | DN65 X 65 X 50 | 591731 | ProPress C XL (CU) | 0,86 | 403421 | T-piece with SC | 2418XL | 88,9 | 476984 | Profipress XL | 1,608 |
| 353641 | T-piece | 0718XL | DN80 X 80 X 50 | 591748 | ProPress C XL (CU) | 1,059 | 403431 | T-piece with SC | 2418XL | 88,9 X 54 X 88,9 | 476991 | Profipress XL | 1,201 |
| 353651 | T-piece | 0718XL | DN80 X 80 X 65 | 591755 | ProPress C XL (CU) | 1,203 | 403441 | T-piece with SC | 2418XL | 88,9 X 76 X 88,9 | 477004 | Profipress XL | 1,497 |
| 353661 | T-piece | 0718XL | DN100 X 100 X 50 | 591762 | ProPress C XL (CU) | 1,813 | 403451 | T-piece with SC | 2418XL | 108 | 477011 | Profipress XL | 2,277 |
| 353671 | T-piece | 0718XL | DN100 X 100 X 65 | 591779 | ProPress C XL (CU) | 1,907 | 403461 | T-piece with SC | 2418XL | 108,0 X 54 X 108,0 | 477028 | Profipress XL | 1,865 |
| 353681 | T-piece | 0718XL | DN100 X 100 X 80 | 591786 | ProPress C XL (CU) | 2,066 | 403471 | T-piece with SC | 2418XL | 108,0 X 76,1 X 108,0 | 477035 | Profipress XL | 2,192 |
| 353751 | Elbow 45° | 0726XL | DN65 | 591793 | ProPress C XL (CU) | 0,719 | 403481 | T-piece with SC | 2418XL | 108,0 X 88,9 X 108,0 | 477042 | Profipress XL | 2,33 |
| 353761 | Elbow 45° | 0726XL | DN80 | 591809 | ProPress C XL (CU) | 0,994 | 403601 | Coupling with SC | 2415XL | 76,1 | 477059 | Profipress XL | 0,688 |
| 353771 | Elbow 45° | 0726XL | DN100 | 591816 | ProPress C XL (CU) | 1,784 | 403611 | Coupling with SC | 2415XL | 88,9 | 477066 | Profipress XL | 0,797 |
| 353801 | Elbow 45° | 07261XL | DN65 | 591823 | ProPress C XL (CU) | 0,655 | 403621 | Coupling with SC | 2415XL | 108 | 477073 | Profipress XL | 1,334 |
| 353811 | Elbow 45° | 07261XL | DN80 | 591830 | ProPress C XL (CU) | 0,895 | 403661 | T-piece with SC | 24172XL | 108,0 X 3/4 X 108,0 | 534110 | Profipress XL | 1,591 |
| 353851 | Cap | 0756XL | DN65 X 3/4 | 591854 | ProPress C XL (CU) | 0,413 | 403671 | T-piece with SC | 24172XL | 108,0 X 2 X 108,0 | 534127 | Profipress XL | 1,981 |
| 353861 | Cap | 0756XL | DN80 X 3/4 | 591861 | ProPress C XL (CU) | 0,55 | 403701 | Sliding coupling with SC | 24155XL | 76,1 | 477080 | Profipress XL | 0,689 |
| 353871 | Cap | 0756XL | DN100 X 3/4 | 591878 | ProPress C XL (CU) | 0,936 | 403711 | Sliding coupling with SC | 24155XL | 88,9 | 477097 | Profipress XL | 0,8 |
| 353901 | Flange adapter | 07595XL | DN65 | 591885 | ProPress C XL (CU) | 2,38 | 403721 | Sliding coupling with SC | 24155XL | 108 | 477103 | Profipress XL | 1,33 |
| 353911 | Flange adapter | 07595XL | DN80 | 591892 | ProPress C XL (CU) | 2,986 | 403761 | T-piece with SC | 24172XL | 76,1 X 3/4 X 76,1 | 534073 | Profipress XL | 0,8545 |
| 353921 | Flange adapter | 07595XL | DN100 | 591908 | ProPress C XL (CU) | 4,35 | 403771 | T-piece with SC | 24172XL | 76,1 X 2 X 76,1 | 534080 | Profipress XL | 1,152 |
| 354001 | Elbow 90° with SC | 816 | DN15 | 580292 | ProPress C Gas (CU) | 0,0337 | 403781 | T-piece with SC | 24172XL | 88,9 X 3/4 X 88,9 | 534097 | Profipress XL | 0,987 |
| 354011 | Elbow 90° with SC | 816 | DN20 | 580308 | ProPress C Gas (CU) | 0,0658 | 403791 | T-piece with SC | 24172XL | 88,9 X 2 X 88,9 | 534103 | Profipress XL | 1,31 |
| 354021 | Elbow 90° with SC | 816 | DN25 | 580315 | ProPress C Gas (CU) | 0,1094 | 403801 | Reducer with SC | 24151XL | 76,1 X 54 | 477110 | Profipress XL | 0,514 |
| 354031 | Elbow 90° with SC | 816 | DN32 | 580322 | ProPress C Gas (CU) | 0,1576 | 403811 | Reducer with SC | 24151XL | 88,9 X 54 | 477127 | Profipress XL | 0,595 |
| 354041 | Elbow 90° with SC | 816 | DN40 | 580339 | ProPress C Gas (CU) | 0,26 | 403821 | Reducer with SC | 24151XL | 88,9 X 76,1 | 477134 | Profipress XL | 0,75 |
| 354051 | Elbow 90° with SC | 816 | DN50 | 580346 | ProPress C Gas (CU) | 0,469 | 403831 | Reducer with SC | 24151XL | 108,0 X 54 | 477141 | Profipress XL | 0,943 |
| 354201 | Elbow 45° with SC | 726 | DN25 | 579968 | ProPress C <=1" (CU) | 0,0884 | 403841 | Reducer with SC | 24151XL | 108,0 X 76,1 | 477158 | Profipress XL | 1,08 |
| 354211 | Elbow 45° with SC | 726 | DN32 | 579975 | ProPress C >=1 1/4" (CU) | 0,12 | 403851 | Reducer with SC | 24151XL | 108,0 X 88,9 | 477165 | Profipress XL | 1,046 |
| 354221 | Elbow 45° with SC | 726 | DN40 | 579982 | ProPress C >=1 1/4" (CU) | 0,1994 | 403921 | Flange adapter | 24595XL | 76,1 (DN65) | 534042 | Profipress XL | 2,817 |
| 354231 | Elbow 45° with SC | 726 | DN50 | 579999 | ProPress C >=1 1/4" (CU) | 0,35 | 403931 | Flange adapter | 24595XL | 88,9 (DN80) | 534059 | Profipress XL | 3,682 |
| 354251 | Elbow 45° with SC | 7261 | DN25 | 580001 | ProPress C <=1" (CU) | 0,0836 | 403941 | Flange adapter | 24595XL | 108,0 (DN100) | 534066 | Profipress XL | 4,49 |
| 354261 | Elbow 45° with SC | 7261 | DN32 | 580018 | ProPress C >=1 1/4" (CU) | 0,1168 | 404191 | Reducer with SC | 24151XL | 76,1 X 64,0 | 587505 | Profipress XL | 0,611 |
| 354271 | Elbow 45° with SC | 7261 | DN40 | 580025 | ProPress C >=1 1/4" (CU) | 0,192 | 422691 | Reducer | 09151XL | 2 1/2 X 1 | 208145 | ProPress XL (CU) | 0,342 |
| 354281 | Elbow 45° with SC | 7261 | DN50 | 580032 | ProPress C >=1 1/4" (CU) | 0,332 | 422701 | Reducer | 09151XL | 2 1/2 X 1 1/4 | 208152 | ProPress XL (CU) | 0,359 |
| 354351 | Closing cap with SC | 756 | DN25 | 580049 | ProPress C <=1" (CU) | 0,0473 | 422711 | Reducer | 09151XL | 3 X 1 X 1/4 | 208176 | ProPress XL (CU) | 0,4573 |
| 354361 | Closing cap with SC | 756 | DN32 | 580056 | ProPress C >=1 1/4" (CU) | 0,0712 | 423001 | Elbow 90° with SC | 0916XL | 2 1/2 | 206233 | ProPress XL (CU) | 0,9532 |
| 354371 | Closing cap with SC | 756 | DN40 | 580063 | ProPress C >=1 1/4" (CU) | 0,1107 | 423011 | Elbow 90° with SC | 0916XL | 3 | 206288 | ProPress XL (CU) | 1,375 |
| 354381 | Closing cap with SC | 756 | DN50 | 580070 | ProPress C >=1 1/4" (CU) | 0,1855 | 423021 | Elbow 90° with SC | 0916XL | 4 | 206332 | ProPress XL (CU) | 2,597 |
| 354701 | Closing cap with SC | 756 | DN15 | 582746 | ProPress C <=1" (CU) | 0,017 | 423101 | Elbow 90° with SC | 09161XL | 2 1/2 | 206387 | ProPress XL (CU) | 0,8868 |
| 354711 | Closing cap with SC | 756 | DN20 | 582753 | ProPress C <=1" (CU) | 0,031 | 423111 | Elbow 90° with SC | 09161XL | 3 | 206431 | ProPress XL (CU) | 1,298 |
| 356291 | Reducer | 07151XL | DN65 X 40 | 624507 | ProPress C XL (CU) | 0,273 | 423121 | Elbow 90° with SC | 09161XL | 4 | 206486 | ProPress XL (CU) | 2,5 |
| 356301 | Reducer | 07151XL | DN65 X 50 | 624514 | ProPress C XL (CU) | 0,34 | 423201 | Elbow 45° with SC | 0926XL | 2 1/2 | 206530 | ProPress XL (CU) | 0,73 |
| 356321 | Reducer | 07151XL | DN80 X 65 | 624538 | ProPress C XL (CU) | 0,608 | 423211 | Elbow 45° with SC | 0926XL | 3 | 206585 | ProPress XL (CU) | 1,06 |
| 356331 | Reducer | 07151XL | DN80 X 50 | 624545 | ProPress C XL (CU) | 0,469 | 423221 | Elbow 45° with SC | 0926XL | 4 | 206639 | ProPress XL (CU) | 1,912 |
| 356341 | Reducer | 07151XL | DN100 X 50 | 624552 | ProPress C XL (CU) | 0,8655 | 423301 | Elbow 45° with SC | 09261XL | 2 1/2 | 206684 | ProPress XL (CU) | 0,705 |
| 356401 | Reducing coupling with SC | 8152 | DN25 X 15 | 624644 | ProPress C Gas (CU) | 0,0648 | 423311 | Elbow 45° with SC | 09261XL | 3 | 206738 | ProPress XL (CU) | 0,993 |
| 356411 | Reducing coupling with SC | 8152 | DN32 X 15 | 624651 | ProPress C Gas (CU) | 0,0933 | 423321 | Elbow 45° with SC | 09261XL | 4 | 206783 | ProPress XL (CU) | 1,7985 |
| 356421 | Reducing coupling with SC | 8152 | DN32 X 20 | 624668 | ProPress C Gas (CU) | 0,0963 | 423351 | Reducer | 09151XL | 2 1/2 X 1 1/2 | 208138 | ProPress XL (CU) | 0,3992 |
| 356431 | Reducing coupling with SC | 8152 | DN40 X 25 | 624675 | ProPress C Gas (CU) | 0,1485 | 423361 | Reducer with SC | 09151XL | 3 X 1 X 1/2 | 208183 | ProPress XL (CU) | 0,525 |
| 356441 | Reducing coupling with SC | 8152 | DN40 X 20 | 624682 | ProPress C Gas (CU) | 0,1469 | 423371 | T-piece with SC | 0918XL | 3 X 3 X 1 1/2 | 207988 | ProPress XL (CU) | 1,056 |
| 356451 | Reducing coupling with SC | 8152 | DN50 X 20 | 624699 | ProPress C Gas (CU) | 0,2488 | 423381 | T-piece with SC | 0918XL | 2 1/2 X 2 1/2 X 1 1/2 | 208039 | ProPress XL (CU) | 0,821 |
| 356461 | Reducing coupling with SC | 8152 | DN50 X 25 | 624705 | ProPress C Gas (CU) | 0,2417 | 423391 | T-piece with SC | 0918XL | 4 X 4 X 1 1/2 | 208084 | ProPress XL (CU) | 1,72 |
| 356471 | Reducing coupling with SC | 8152 | DN50 X 32 | 624712 | ProPress C Gas (CU) | 0,2397 | 423401 | T-piece | 0918XL | 2 1/2 | 206837 | ProPress XL (CU) | 1,04 |
| 356481 | T-piece with SC | 818 | DN25 X 25 X 15 | 624729 | ProPress C Gas (CU) | 0,24 | 423411 | T-piece with SC | 0918XL | 2 1/2 X 2 1/2 X 2 | 206882 | ProPress XL (CU) | 0,88 |
| 356491 | T-piece with SC | 818 | DN32 X 32 X 15 | 624736 | ProPress C Gas (CU) | 0,183 | 423421 | T-piece | 0918XL | 3 | 206936 | ProPress XL (CU) | 1,475 |
| 356501 | T-piece with SC | 818 | DN40 X 40 X 25 | 624743 | ProPress C Gas (CU) | 0,306 | 423431 | T-piece with SC | 0918XL | 3 X 3 X 2 | 206981 | ProPress XL (CU) | 1,134 |
| 356511 | T-piece with SC | 818 | DN50 X 50 X 20 | 624750 | ProPress C Gas (CU) | 0,438 | 423441 | T-piece | 0918XL | 3 X 3 X 2 1/2 | 207032 | ProPress XL (CU) | 1,317 |
| 356521 | T-piece with SC | 818 | DN50 X 50 X 25 | 624767 | ProPress C Gas (CU) | 0,4691 | 423451 | T-piece | 0918XL | 4 | 207087 | ProPress XL (CU) | 2,65 |
| 356531 | T-piece with SC | 818 | DN50 X 50 X 32 | 624774 | ProPress C Gas (CU) | 0,5018 | 423461 | T-piece with SC | 0918XL | 4 X 4 X 2 | 207131 | ProPress XL (CU) | 1,824 |
| 356541 | Closing cap with SC | 856 | DN25 | 624781 | ProPress C Gas (CU) | 0,0473 | 423471 | T-piece | 0918XL | 4 X 4 X 2 1/2 | 207186 | ProPress XL (CU) | 2,057 |
| 356551 | Closing cap with SC | 856 | DN32 | 624798 | ProPress C Gas (CU) | 0,0717 | 423481 | T-piece | 0918XL | 4 X 4 X 3 | 207230 | ProPress XL (CU) | 2,202 |
| 356561 | Closing cap with SC | 856 | DN40 | 624804 | ProPress C Gas (CU) | 0,1115 | 423501 | Sleeve | 0915XL | 2 1/2 | 207285 | ProPress XL (CU) | 0,549 |
| 356571 | Closing cap with SC | 856 | DN50 | 624811 | ProPress C Gas (CU) | 0,1878 | 423511 | Sleeve | 0915XL | 3 | 207339 | ProPress XL (CU) | 0,757 |
| 356631 | Reducer | 8151 | DN20 X 15 | 623388 | ProPress C Gas (CU) | 0,0353 | 423521 | Sleeve | 0915XL | 4 | 207384 | ProPress XL (CU) | 1,307 |
| 356641 | Reducer | 7151 | DN20 X 15 | 623432 | ProPress C <=1" (CU) | 0,0354 | 423531 | Sliding sleeve | 09155XL | 2 1/2 | 207438 | ProPress XL (CU) | 0,545 |
| 356651 | Reducer | 7151 | DN25 X 15 | 623449 | ProPress C <=1" (CU) | 0,0444 | 423541 | Sliding sleeve | 09155XL | 3 | 207483 | ProPress XL (CU) | 0,755 |
| 356661 | Reducer | 7151 | DN25 X 20 | 623495 | ProPress C <=1" (CU) | 0,053 | 423551 | Sliding sleeve | 09155XL | 4 | 207537 | ProPress XL (CU) | 1,3 |
| 356671 | Reducer | 8151 | DN25 X 15 | 623395 | ProPress C Gas (CU) | 0,0448 | 423601 | Reducer with SC | 09151XL | 2 1/2 X 2 | 207582 | ProPress XL (CU) | 0,3697 |
| 356681 | Reducer | 8151 | DN25 X 20 | 623401 | ProPress C Gas (CU) | 0,0532 | 423611 | Reducer with SC | 09151XL | 3 X 2 | 207636 | ProPress XL (CU) | 0,402 |
| 356691 | Reducer | 07151XL | DN100 X 65 | 624569 | ProPress C XL (CU) | 0,924 | 423621 | Reducer | 09151XL | 3 X 2 1/2 | 207681 | ProPress XL (CU) | 0,54 |
| 356721 | Reducer | 07151XL | DN100 X 80 | 624576 | ProPress C XL (CU) | 0,948 | 423631 | Reducer with SC | 09151XL | 4 X 2 | 207735 | ProPress XL (CU) | 0,855 |
| 356771 | Reducer | 7151 | DN32 X 20 | 624956 | ProPress C <=1" (CU) | 0,0759 | 423641 | Reducer | 09151XL | 4 X 2 1/2 | 207780 | ProPress XL (CU) | 0,96 |
| 356781 | Reducer | 7151 | DN32 X 25 | 624972 | ProPress C <=1" (CU) | 0,0826 | 423651 | Reducer | 09151XL | 4 X 3 | 207834 | ProPress XL (CU) | 1,0415 |
| 356791 | Reducer | 8151 | DN32 X 20 | 623418 | ProPress C Gas (CU) | 0,0767 | 423701 | Adapter | 0911XL | 2 1/2 | 208237 | ProPress XL (CU) | 0,719 |
| 356801 | Reducer | 8151 | DN32 X 25 | 623425 | ProPress C Gas (CU) | 0,0834 | 423711 | Adapter | 0911XL | 3 | 208282 | ProPress XL (CU) | 1,05 |
| 403001 | Elbow 90° with SC | 2416XL | 76,1 | 476847 | Profipress XL | 1,255 | 423721 | Adapter | 0911XL | 4 | 208381 | ProPress XL (CU) | 1,653 |
| 403011 | | | | | | | | | | | | | |

Product group: "connecting technology"

| Mat. No. | Description | Model No. | Dimensions | Item No. | Description | Weight in kg | Mat. No. | Description | Model No. | Dimensions | Item No. | Description | Weight in kg |
|----------|---------------------------|-----------|---------------------|----------|-----------------------------|--------------|----------|--------------------------|-----------|--------------------|----------|--------------------------------|--------------|
| 426001 | Adapter | 0912XL | 3 | 208299 | ProPress XL (CU) | 1.326 | 516381 | T-piece with SC | 2618 | 42 X 22 X 42 | 664589 | Profipress G (CU) | 0.3827 |
| 426011 | Adapter | 0912XL | 4 | 208398 | ProPress XL (CU) | 1.998 | 564251 | Elbow 45° with SC | 726 | DN15 | 700904 | ProPress C <= 1" (CU) | 0.031 |
| 429001 | Coupling | 415 | 1/2 | 451325 | ProPress <= 1" (Copper) | 0.0392 | 564261 | Elbow 45° with SC | 726 | DN20 | 700911 | ProPress C <= 1" (CU) | 0.0527 |
| 429021 | Coupling | 415 | 3/4 | 450519 | ProPress <= 1" (Copper) | 0.0606 | 564271 | Elbow 45° with SC | 7261 | DN15 | 700928 | ProPress C <= 1" (CU) | 0.0273 |
| 429031 | Coupling | 415 | 1 | 450526 | ProPress <= 1" (Copper) | 0.074 | 564281 | Elbow 45° with SC | 7261 | DN20 | 700935 | ProPress C <= 1" (CU) | 0.0514 |
| 429041 | Coupling | 415 | 1 1/4 | 450540 | ProPress >= 1 1/4" (Copper) | 0.102 | 564291 | T-piece with SC | 718 | DN40 X 40 X 20 | 700942 | ProPress C >= 1 1/4" (CU) | 0.2643 |
| 429051 | Coupling | 415 | 1 1/2 | 451356 | ProPress >= 1 1/4" (Copper) | 0.2113 | 564301 | Sliding coupling with SC | 7155 | DN18 | 700959 | ProPress C <= 1" (CU) | 0.0367 |
| 429061 | Coupling | 415 | 2 | 451363 | ProPress >= 1 1/4" (Copper) | 0.273 | 565681 | Adapter with SC | 2411XL | 79 X 3 BSP | 702274 | Profipress XL | 1.05 |
| 429411 | Sliding coupling | 4155 | 3/4 | 451400 | ProPress <= 1" (Copper) | 0.059 | 565691 | Adapter with SC | 2411XL | 104 X 4 BSP | 702281 | Profipress XL | 1.656 |
| 429421 | Sliding coupling | 4155 | 1 | 451417 | ProPress <= 1" (Copper) | 0.074 | 565701 | Adapter with SC | 2412XL | 79 X 3 BSP | 702298 | Profipress XL | 1.33 |
| 429431 | Sliding coupling | 4155 | 1 1/4 | 451424 | ProPress >= 1 1/4" (Copper) | 0.105 | 565711 | Adapter with SC | 2412XL | 104 X 4 BSP | 702304 | Profipress XL | 1.847 |
| 429441 | Sliding coupling | 4155 | 1 1/2 | 451448 | ProPress >= 1 1/4" (Copper) | 0.213 | 565721 | Coupling with SC | 2415XL | 79 | 702311 | Profipress XL | 0.757 |
| 429451 | Sliding coupling | 4155 | 2 | 451455 | ProPress >= 1 1/4" (Copper) | 0.2716 | 565731 | Coupling with SC | 2415XL | 104 | 702328 | Profipress XL | 1.307 |
| 429601 | Reducing coupling with SC | 4152 | 3/4 X 1/2 | 451462 | ProPress <= 1" (Copper) | 0.05759 | 565741 | Sliding coupling with SC | 24155XL | 79 | 702335 | Profipress XL | 0.757 |
| 429611 | Reducing coupling with SC | 4152 | 1 X 3/4 | 451806 | ProPress <= 1" (Copper) | 0.07999 | 565751 | Sliding coupling with SC | 24155XL | 104 | 702342 | Profipress XL | 1.3 |
| 429621 | Reducing coupling with SC | 4152 | 1 1/4 X 1 | 451479 | ProPress >= 1 1/4" (Copper) | 0.1143 | 565761 | Reducer with SC | 24151XL | 79 X 54 | 702359 | Profipress XL | 0.402 |
| 429631 | Reducing coupling with SC | 4152 | 1 1/2 X 1 1/4 | 451486 | ProPress >= 1 1/4" (Copper) | 0.1869 | 565771 | Reducer with SC | 24151XL | 79 X 66 | 702366 | Profipress XL | 0.545 |
| 429671 | Reducing coupling with SC | 4152 | 1 1/2 X 1 | 492731 | ProPress >= 1 1/4" (Copper) | 0.1868 | 565781 | Reducer with SC | 24151XL | 104 X 54 | 702373 | Profipress XL | 0.855 |
| 429681 | Reducing coupling with SC | 4152 | 2 X 1 | 492748 | ProPress >= 1 1/4" (Copper) | 0.2586 | 565791 | Reducer with SC | 24151XL | 104 X 66 | 702380 | Profipress XL | 0.93 |
| 429801 | Elbow | 416 | 1/2 | 451509 | ProPress <= 1" (Copper) | 0.052 | 565801 | Reducer with SC | 24151XL | 104 X 79 | 702397 | Profipress XL | 1.0415 |
| 429811 | Elbow | 416 | 3/4 | 451516 | ProPress <= 1" (Copper) | 0.078 | 565811 | Elbow 90° with SC | 2416XL | 79 | 702403 | Profipress XL | 1.375 |
| 429821 | Elbow | 416 | 1 | 451523 | ProPress <= 1" (Copper) | 0.1263 | 565821 | Elbow 90° with SC | 2416XL | 104 | 702410 | Profipress XL | 2.624 |
| 429831 | Elbow | 416 | 1 1/4 | 451530 | ProPress >= 1 1/4" (Copper) | 0.1727 | 565831 | Elbow 90° with SC | 24161XL | 79 | 702427 | Profipress XL | 1.298 |
| 429841 | Elbow | 416 | 1 1/2 | 451547 | ProPress >= 1 1/4" (Copper) | 0.3004 | 565841 | Elbow 90° with SC | 24161XL | 104 | 702434 | Profipress XL | 2.52 |
| 429851 | Elbow | 416 | 2 | 451554 | ProPress >= 1 1/4" (Copper) | 0.4806 | 565851 | Elbow 45° with SC | 2426XL | 79 | 702441 | Profipress XL | 1.047 |
| 430211 | T-piece with SC | 418 | 3/4 | 451608 | ProPress <= 1" (Copper) | 0.15295 | 565861 | Elbow 45° with SC | 2426XL | 104 | 702458 | Profipress XL | 1.936 |
| 430221 | T-piece with SC | 418 | 3/4 X 3/4 X 1/2 | 451615 | ProPress <= 1" (Copper) | 0.13068 | 565871 | Elbow 45° with SC | 24261XL | 79 | 702465 | Profipress XL | 0.994 |
| 430241 | T-piece with SC | 418 | 1 X 1 X 3/4 | 451639 | ProPress <= 1" (Copper) | 0.18558 | 565881 | Elbow 45° with SC | 24261XL | 104 | 702472 | Profipress XL | 1.805 |
| 430251 | T-piece with SC | 418 | 1 1/4 | 451646 | ProPress >= 1 1/4" (Copper) | 0.2765 | 565891 | T-piece with SC | 2418XL | 79 | 702489 | Profipress XL | 1.475 |
| 430271 | T-piece with SC | 418 | 1 1/4 X 1 1/4 X 1 | 451660 | ProPress >= 1 1/4" (Copper) | 0.2526 | 565901 | T-piece with SC | 2418XL | 104 | 702496 | Profipress XL | 2.65 |
| 430291 | T-piece with SC | 418 | 1 1/2 X 1 1/2 X 3/4 | 451684 | ProPress >= 1 1/4" (Copper) | 0.3633 | 565911 | T-piece with SC | 2418XL | 79 X 35 X 79 | 702502 | Profipress XL | 0.966 |
| 430301 | T-piece with SC | 418 | 1 1/2 X 1 1/2 X 1 | 451691 | ProPress >= 1 1/4" (Copper) | 0.3836 | 565921 | T-piece with SC | 2418XL | 79 X 42 X 79 | 702519 | Profipress XL | 1.065 |
| 430331 | T-piece with SC | 418 | 2 X 2 X 1 1/4 | 451721 | ProPress >= 1 1/4" (Copper) | 0.5614 | 565931 | T-piece with SC | 2418XL | 79 X 54 X 79 | 702526 | Profipress XL | 1.132 |
| 430441 | T-piece with SC | 418 | 2 X 2 X 3/4 | 456351 | ProPress >= 1 1/4" (Copper) | 0.4777 | 565951 | T-piece with SC | 2418XL | 79 X 66 X 79 | 702533 | Profipress XL | 1.317 |
| 430451 | T-piece with SC | 418 | 2 X 2 X 1 | 456368 | ProPress >= 1 1/4" (Copper) | 0.5137 | 565961 | T-piece with SC | 2418XL | 104 X 66 X 104 | 702540 | Profipress XL | 2.053 |
| 437871 | Angle | 29752 | STUB OUT 1/2X4X8 | 197869 | ProPress <= 1" (Copper) | 0.131 | 565971 | T-piece with SC | 2418XL | 104 X 79 X 104 | 702557 | Profipress XL | 2.236 |
| 437881 | Angle | 29752 | STUB OUT 3/4X4X8 | 197913 | ProPress <= 1" (Copper) | 0.217 | 565981 | Closing cap with SC | 24561XL | 79 | 702564 | Profipress XL | 0.461 |
| 452201 | Reducing coupling with SC | 29152 | 1 X 1/2 | 156033 | ProPress <= 1" (Copper) | 0.0796 | 565991 | Closing cap with SC | 24561XL | 104 | 702571 | Profipress XL | 0.784 |
| 452211 | Reducing coupling with SC | 29152 | 1 1/4 X 3/4 | 155937 | ProPress >= 1 1/4" (Copper) | 0.1063 | 566001 | Flange adapter | 24595XL | 79 | 702588 | Profipress XL | 3.455 |
| 452221 | Reducing coupling with SC | 29152 | 1 1/2 X 1 | 155883 | ProPress >= 1 1/4" (Copper) | 0.179 | 566011 | Flange adapter | 24595XL | 104 | 702595 | Profipress XL | 5.33 |
| 452231 | Reducing coupling with SC | 29152 | 2 X 1 | 156088 | ProPress >= 1 1/4" (Copper) | 0.2507 | 566741 | Coupling with SC | 26152EA | 28 X 22 | 703059 | Profipress G (CU) | 0.0813 |
| 452591 | Reducing coupling with SC | 29152 | 2 X 3/4 | 184685 | ProPress >= 1 1/4" (Copper) | 0.2509 | 567531 | Elbow 90° with SC | 2616EA | 28 | 711986 | Profipress G (CU) | 0.1222 |
| 452651 | T-piece with SC | 2918 | 1/2 X 1/2 X 1 | 154930 | ProPress <= 1" (Copper) | 0.1405 | 567541 | Sleeve with SC | 2615EA | 28 | 711993 | Profipress G (CU) | 0.076 |
| 452691 | T-piece with SC | 2918 | 1 X 1 X 1 1/4 | 154886 | ProPress <= 1" (Copper) | 0.263 | 567561 | Elbow 45° with SC | 2626EA | 28 | 712013 | Profipress G (CU) | 0.0938 |
| 452731 | T-piece with SC | 2918 | 1 1/2 X 1 1/2 X 1/2 | 154880 | ProPress >= 1 1/4" (Copper) | 0.383 | 567571 | Elbow 45° with SC | 26261EA | 28 | 712020 | Profipress G (CU) | 0.0909 |
| 452771 | T-piece with SC | 2918 | 1 1/2 X 1 X 1 | 154589 | ProPress >= 1 1/4" (Copper) | 0.3623 | 567581 | Elbow 90° with SC | 26161EA | 28 | 712037 | Profipress G (CU) | 0.118 |
| 452781 | T-piece with SC | 2918 | 1 1/2 X 1 X 1 1/2 | 154633 | ProPress >= 1 1/4" (Copper) | 0.4856 | 567601 | Sleeve with SC | 2615EA | 22 | 712051 | Profipress G (CU) | 0.0613 |
| 452791 | T-piece with SC | 2918 | 1 1/2 X 1 1/4 X 1 | 154534 | ProPress >= 1 1/4" (Copper) | 0.3646 | 567621 | Elbow 90° with SC | 2616EA | 22 | 712075 | Profipress G (CU) | 0.0936 |
| 452841 | T-piece with SC | 2918 | 2 X 1 X 1 1/4 | 155180 | ProPress >= 1 1/4" (Copper) | 0.523 | 572291 | T-piece with SC | 2418XL | 76.1 X 66.7 X 76.1 | 719234 | Profipress XL | 1.264 |
| 452851 | T-piece with SC | 2918 | 2 X 1 1/2 X 3/4 | 155135 | ProPress >= 1 1/4" (Copper) | 0.4592 | 572341 | Reducer with SC | 24151XL | 76.1 X 66.7 | 719241 | Profipress XL | 0.54 |
| 452861 | T-piece with SC | 2918 | 2 X 1 1/2 X 1 | 154985 | ProPress >= 1 1/4" (Copper) | 0.4931 | 573461 | Sliding coupling with SC | 24153 | 12 | 713416 | Profipress dimensions <= 28 mm | 0.02245 |
| 452871 | T-piece with SC | 2918 | 2 X 1 X 1 1/4 | 155081 | ProPress >= 1 1/4" (Copper) | 0.542 | 576731 | Elbow 90° with SC | 2416XL | 66.7 | 645137 | Profipress XL | 0.946 |
| 452891 | T-piece with SC | 2918 | 2 X 2 X 1/2 | 155388 | ProPress >= 1 1/4" (Copper) | 0.454 | 576741 | Elbow 90° with SC | 24161XL | 66.7 | 645350 | Profipress XL | 0.871 |
| 452991 | Reducing coupling with SC | 29152 | 1 1/2 X 3/4 | 184739 | ProPress >= 1 1/4" (Copper) | 0.1823 | 576751 | Elbow 45° with SC | 2426XL | 66.7 | 645144 | Profipress XL | 0.733 |
| 478261 | T-piece with SC | 2918 | 2 X 1 1/2 X 2 | 222288 | ProPress >= 1 1/4" (Copper) | 0.6824 | 576761 | Elbow 45° with SC | 24261XL | 66.7 | 645367 | Profipress XL | 0.678 |
| 478271 | T-piece with SC | 2918 | 1 1/2 X 1/4 X 3/4 | 222332 | ProPress >= 1 1/4" (Copper) | 0.3314 | 576771 | T-piece with SC | 2418XL | 66.7 | 648374 | Profipress XL | 1.034 |
| 478281 | T-piece with SC | 2918 | 1 1/4 X 1 X 1/2 | 222387 | ProPress >= 1 1/4" (Copper) | 0.2036 | 576781 | T-piece with SC | 2418XL | 66.7 X 35 X 66.7 | 648381 | Profipress XL | 0.729 |
| 478291 | T-piece with SC | 2918 | 1 1/4 X 3/4 X 1/2 | 222431 | ProPress >= 1 1/4" (Copper) | 0.212 | 576791 | T-piece with SC | 2418XL | 66.7 X 54 X 66.7 | 648398 | Profipress XL | 0.873 |
| 478301 | T-piece with SC | 2918 | 1 1/4 X 3/4 X 1/4 | 222486 | ProPress >= 1 1/4" (Copper) | 0.276 | 576801 | T-piece with SC | 2418XL | 66.7 X 42 X 66.7 | 648404 | Profipress XL | 0.802 |
| 478311 | T-piece with SC | 2918 | 1 1/4 X 1/2 X 1/4 | 222530 | ProPress >= 1 1/4" (Copper) | 0.244 | 576811 | T-piece with SC | 2418XL | 66.7 X 28 X 66.7 | 648411 | Profipress XL | 0.695 |
| 478321 | T-piece with SC | 2918 | 1 1/4 X 3/4 X 3/4 | 222585 | ProPress >= 1 1/4" (Copper) | 0.233 | 576821 | Closing cap with SC | 24561XL | 66.7 | 648428 | Profipress XL | 0.395 |
| 478331 | T-piece with SC | 2918 | 1 1/4 X 3/4 X 1 | 222684 | ProPress >= 1 1/4" (Copper) | 0.251 | 576831 | Coupling with SC | 2415XL | 66.7 | 648435 | Profipress XL | 0.545 |
| 478341 | T-piece with SC | 2918 | 1 X 1/2 X 3/4 | 222639 | ProPress <= 1" (Copper) | 0.1815 | 576841 | Sliding coupling with SC | 24155XL | 66.7 | 648442 | Profipress XL | 0.545 |
| 478351 | T-piece with SC | 0918XL | 2 1/2 X 2 X 1 | 222783 | ProPress XL (CU) | 0.835 | 576851 | Reducer with SC | 24151XL | 66.7 X 54 | 648459 | Profipress XL | 0.364 |
| 478361 | T-piece with SC | 0918XL | 2 1/2 X 2 X 1 1/2 | 222837 | ProPress XL (CU) | 0.7577 | 576861 | Reducer with SC | 24151XL | 66.7 X 42 | 648466 | Profipress XL | 0.403 |
| 478371 | T-piece with SC | 0918XL | 2 1/2 X 2 X 1 1/4 | 222882 | ProPress XL (CU) | 0.74 | 576871 | Reducer with SC | 24151XL | 66.7 X 28 | 648473 | Profipress XL | 0.343 |
| 478381 | T-piece with SC | 0918XL | 2 1/2 X 2 X 1/2 X 1 | 222936 | ProPress XL (CU) | 0.69 | 576881 | Reducer with SC | 24151XL | 66.7 X 35 | 648480 | Profipress XL | 0.36 |
| 478391 | T-piece with SC | 0918XL | 2 1/2 X 2 1/2 X 3/4 | 222981 | ProPress XL (CU) | 0.035 | 576891 | Adapter with SC | 2411XL | 66.7 X 2 1/2 | 648510 | Profipress XL | 0.695 |
| 478401 | T-piece with SC | 0918XL | 2 1/2 X 2 1/2 X 1/2 | 223032 | ProPress XL (CU) | 0.673 | 576901 | Adapter with SC | 2412XL | 66.7 X 2 1/2 | 648527 | Profipress XL | 0.737 |
| 478411 | T-piece with SC | 0918XL | 3 X 3 X 1 1/4 | 223131 | ProPress XL (CU) | 0.966 | 576911 | Flange adapter | 24595XL | 66.7 (DN65) | 648534 | Profipress XL | 3.111 |
| 478421 | T-piece with SC | 0918XL | 3 X 3 X 1 | 223207 | ProPress XL (CU) | 0.936 | 576921 | Reducer with SC | 24151XL | 108 X 66.7 | 648497 | Profipress XL | 0.999 |
| 478431 | T-piece with SC | 0918XL | 3 X 3 X 3/4 | 223230 | ProPress XL (CU) | 0.9 | 576931 | Reducer with SC | 24151XL | 88.9 X 66.7 | 648503 | Profipress XL | 0.68 |
| 478441 | Reducing coupling with SC | 29152 | 2 X 1 X 1/4 | 223285 | ProPress >= 1 1/4" (Copper) | 0.251 | 580201 | Elbow 90° with SC | 4516 | 12 | 627225 | Profipress S (CU) | 0.032 |
| 478451 | Reducer with SC | 29151 | 1 1/4 X 1/2 | 223339 | ProPress >= 1 1/4" (Copper) | 0.07752 | 580211 | Elbow 90° with SC | 4516 | 15 | 628178 | Profipress S (CU) | 0.0464 |
| 516161 | Reducer with SC | 26151 | 15 X 14 | 755829 | Profipress G (CU) | 0.0322 | 580221 | Elbow 90° with SC | 4516 | 18 | 628185 | Profipress S (CU) | 0.0584 |
| 516171 | | | | | | | | | | | | | |

Product group: "connecting technology"

| Mat. No. | Description | Model No. | Dimensions | Item No. | Description | Weight in kg |
|----------|---------------------------|-----------|-----------------|----------|--------------------------|--------------|
| 580401 | Elbow 45° with SC | 45261 | 18 | 628369 | Profipress S (CU) | 0,047 |
| 580411 | Elbow 45° with SC | 45261 | 22 | 628376 | Profipress S (CU) | 0,068 |
| 580421 | Elbow 45° with SC | 45261 | 28 | 628383 | Profipress S (CU) | 0,092 |
| 580431 | Elbow 45° with SC | 45261 | 35 | 628390 | Profipress S (CU) | 0,136 |
| 580441 | T-piece with SC | 4518 | 12 | 628406 | Profipress S (CU) | 0,0597 |
| 580451 | T-piece with SC | 4518 | 15 | 628413 | Profipress S (CU) | 0,0827 |
| 580461 | T-piece with SC | 4518 | 15 X 12 X 15 | 628420 | Profipress S (CU) | 0,07418 |
| 580471 | T-piece with SC | 4518 | 18 | 628437 | Profipress S (CU) | 0,1065 |
| 580481 | T-piece with SC | 4518 | 18 X 15 X 18 | 628444 | Profipress S (CU) | 0,10594 |
| 580491 | T-piece with SC | 4518 | 22 | 628451 | Profipress S (CU) | 0,13204 |
| 580501 | T-piece with SC | 4518 | 22 X 15 X 22 | 627843 | Profipress S (CU) | 0,133 |
| 580511 | T-piece with SC | 4518 | 22 X 18 X 22 | 628550 | Profipress S (CU) | 0,1398 |
| 580521 | T-piece with SC | 4518 | 28 | 628567 | Profipress S (CU) | 0,1968 |
| 580531 | T-piece with SC | 4518 | 28 X 15 X 28 | 628574 | Profipress S (CU) | 0,1688 |
| 580541 | T-piece with SC | 4518 | 28 X 18 X 28 | 628581 | Profipress S (CU) | 0,164 |
| 580551 | T-piece with SC | 4518 | 28 X 22 X 28 | 628598 | Profipress S (CU) | 0,182 |
| 580561 | T-piece with SC | 4518 | 35 | 628604 | Profipress S (CU) | 0,2787 |
| 580571 | T-piece with SC | 4518 | 35 X 22 X 35 | 628611 | Profipress S (CU) | 0,2321 |
| 580581 | T-piece with SC | 4518 | 35 X 28 X 35 | 628628 | Profipress S (CU) | 0,248 |
| 580841 | Coupling with SC | 4515 | 12 | 628932 | Profipress S (CU) | 0,0252 |
| 580851 | Coupling with SC | 4515 | 15 | 628949 | Profipress S (CU) | 0,0375 |
| 580861 | Coupling with SC | 4515 | 18 | 628956 | Profipress S (CU) | 0,046 |
| 580871 | Coupling with SC | 4515 | 22 | 628963 | Profipress S (CU) | 0,0613 |
| 580881 | Coupling with SC | 4515 | 28 | 628970 | Profipress S (CU) | 0,077 |
| 580891 | Coupling with SC | 4515 | 35 | 628987 | Profipress S (CU) | 0,114 |
| 580901 | Reducer with SC | 45151 | 15 X 12 | 628994 | Profipress S (CU) | 0,0266 |
| 580911 | Reducer with SC | 45151 | 18 X 15 | 629007 | Profipress S (CU) | 0,0365 |
| 580921 | Reducer with SC | 45151 | 22 X 15 | 629014 | Profipress S (CU) | 0,0414 |
| 580931 | Reducer with SC | 45151 | 22 X 18 | 629021 | Profipress S (CU) | 0,0451 |
| 580941 | Reducer with SC | 45151 | 28 X 15 | 629038 | Profipress S (CU) | 0,0491 |
| 580951 | Reducer with SC | 45151 | 28 X 18 | 629045 | Profipress S (CU) | 0,0553 |
| 580961 | Reducer with SC | 45151 | 28 X 22 | 629052 | Profipress S (CU) | 0,06 |
| 580971 | Reducer with SC | 45151 | 35 X 22 | 629069 | Profipress S (CU) | 0,087 |
| 580981 | Reducer with SC | 45151 | 35 X 28 | 629076 | Profipress S (CU) | 0,0997 |
| 626703 | Elbow 90° with SC | 29160M | 3/4 | 772004 | ProPress <=1" (Copper) | 0,090718 |
| 626713 | Elbow 90° with SC | 29160M | 1/2 | 772059 | ProPress <=1" (Copper) | 0,058967 |
| 626723 | Elbow 90° with SC | 29160M | 1 | 772103 | ProPress <=1" (Copper) | 0,133809 |
| 626733 | Sleeve with SC | 29150M | 3/4 | 772158 | ProPress <=1" (Copper) | 0,06577 |
| 626743 | Sleeve with SC | 29150M | 1/2 | 772202 | ProPress <=1" (Copper) | 0,043091 |
| 626753 | Closing cap with SC | 29560M | 1/2 | 772257 | ProPress <=1" (Copper) | 0,031751 |
| 626763 | T-piece with SC | 29180M | 3/4 | 772301 | ProPress <=1" (Copper) | 0,148778 |
| 626773 | T-piece with SC | 29180M | 1/2 | 772356 | ProPress <=1" (Copper) | 0,102058 |
| 626783 | Elbow 45° with SC | 29260M | 3/4 | 772400 | ProPress <=1" (Copper) | 0,074842 |
| 626803 | Elbow 45° with SC | 29260M | 1/2 | 772455 | ProPress <=1" (Copper) | 0,0499 |
| 626813 | Sliding coupling with SC | 291530M | 3/4 | 772509 | ProPress <=1" (Copper) | 0,068038 |
| 626823 | Sliding coupling with SC | 291530M | 1/2 | 772554 | ProPress <=1" (Copper) | 0,045359 |
| 626833 | Closing cap with SC | 29560M | 3/4 | 772608 | ProPress <=1" (Copper) | 0,045359 |
| 626843 | T-piece with SC | 29180M | 3/4 X 3/4 X 1/2 | 772653 | ProPress <=1" (Copper) | 0,136077 |
| 626853 | Reducing coupling with SC | 291520M | 3/4 X 1/2 | 772707 | ProPress <=1" (Copper) | 0,056245 |
| 626863 | Elbow 45° with SC | 29260M | 1 | 772752 | ProPress <=1" (Copper) | 0,095254 |
| 626883 | T-piece with SC | 29180M | 1 | 772851 | ProPress <=1" (Copper) | 0,20457 |
| 626893 | T-piece with SC | 29180M | 1 X 1 X 3/4 | 772950 | ProPress <=1" (Copper) | 0,181437 |
| 626903 | Closing cap with SC | 29560M | 1 | 773001 | ProPress <=1" (Copper) | 0,058967 |
| 626923 | Reducing coupling with SC | 291520M | 1 X 3/4 | 773056 | ProPress <=1" (Copper) | 0,080286 |
| 626943 | T-piece with SC | 29180M | 3/4 X 1/2 X 1/2 | 773155 | ProPress <=1" (Copper) | 0,125645 |
| 626953 | T-piece with SC | 29180M | 3/4 X 1/2 X 3/4 | 773209 | ProPress <=1" (Copper) | 0,147871 |
| 626963 | T-piece with SC | 29180M | 1 X 3/4 X 3/4 | 773353 | ProPress <=1" (Copper) | 0,182344 |
| 628103 | T-piece with SC | 29180M | 1 X 3/4 X 1 | 773551 | ProPress <=1" (Copper) | 0,205477 |
| 628193 | Sliding coupling with SC | 291530M | 1 | 774954 | ProPress <=1" (Copper) | 0,079378 |
| 628953 | Elbow 90° with SC | 29160M | 3/4 | 774206 | ProPress <=1" (Copper) | 0,085502 |
| 628963 | Elbow 90° with SC | 29160M | 1/2 | 774251 | ProPress <=1" (Copper) | 0,055642 |
| 629043 | Elbow 90° with SC | 29160M | 1 | 774305 | ProPress <=1" (Copper) | 0,148325 |
| 629063 | Coupling with SC | 29150M | 3/4 | 774350 | ProPress <=1" (Copper) | 0,066421 |
| 629103 | Coupling with SC | 29150M | 1/2 | 774404 | ProPress <=1" (Copper) | 0,043318 |
| 629123 | Closing cap with SC | 29560M | 1/2 | 774459 | ProPress <=1" (Copper) | 0,029484 |
| 629173 | Closing cap with SC | 29560M | 3/4 | 774503 | ProPress <=1" (Copper) | 0,043318 |
| 629173 | Closing cap with SC | 29560M | 1 | 774558 | ProPress <=1" (Copper) | 0,053977 |
| 629173 | Sleeve with SC | 29150M | 1 | 774312 | ProPress <=1" (Copper) | 0,079378 |
| 629811 | Reducing coupling with SC | 26152 | 15 X 12 | 660239 | Profipress G (CU) | 0,0347 |
| 629903 | T-piece with SC | 29180M | 3/4 | 774602 | ProPress <=1" (Copper) | 0,162385 |
| 629913 | T-piece with SC | 29180M | 1/2 | 774657 | ProPress <=1" (Copper) | 0,107503 |
| 629923 | T-piece with SC | 29180M | 1 | 774701 | ProPress <=1" (Copper) | 0,22226 |
| 629933 | Sliding coupling with SC | 291530M | 3/4 | 774756 | ProPress <=1" (Copper) | 0,066224 |
| 629943 | Sliding coupling with SC | 291530M | 1/2 | 774800 | ProPress <=1" (Copper) | 0,043091 |
| 629953 | Elbow 90° with SC | 291610M | 1/2 | 774060 | ProPress <=1" (Copper) | 0,0472 |
| 629963 | Elbow 90° with SC | 291610M | 3/4 | 774084 | ProPress <=1" (Copper) | 0,0745 |
| 634101 | Adapter | 0711XL | DN65 | 687458 | ProPress C XL (CU) | 0,715 |
| 634111 | Adapter | 0711XL | DN80 | 687465 | ProPress C XL (CU) | 0,895 |
| 634121 | Adapter | 0712XL | DN65 | 687472 | ProPress C XL (CU) | 0,763 |
| 635691 | T-piece with SC | 718 | DN32 X 32 X 20 | 668983 | ProPress C >=1 1/4" (CU) | 0,2048 |
| 635701 | T-piece with SC | 818 | DN32 X 32 X 20 | 668990 | ProPress C Gas (CU) | 0,2079 |
| 635711 | Reducer | 7151 | DN40 X 20 | 669003 | ProPress C >=1 1/4" (CU) | 0,096 |
| 635721 | Reducer | 7151 | DN40 X 25 | 669010 | ProPress C >=1 1/4" (CU) | 0,1 |
| 635731 | Reducer | 7151 | DN40 X 32 | 669027 | ProPress C >=1 1/4" (CU) | 0,108 |
| 635741 | Reducer | 7151 | DN50 X 25 | 669034 | ProPress C >=1 1/4" (CU) | 0,1568 |
| 635751 | Reducer | 7151 | DN50 X 32 | 669041 | ProPress C >=1 1/4" (CU) | 0,1587 |
| 635761 | Reducer | 7151 | DN50 X 40 | 669058 | ProPress C >=1 1/4" (CU) | 0,1894 |
| 635771 | Reducer | 8151 | DN40 X 20 | 669065 | ProPress C Gas (CU) | 0,096 |
| 635781 | Reducer | 8151 | DN40 X 25 | 669072 | ProPress C Gas (CU) | 0,1 |
| 635791 | Reducer | 8151 | DN40 X 32 | 669089 | ProPress C Gas (CU) | 0,108 |
| 635801 | Reducer | 8151 | DN50 X 25 | 669096 | ProPress C Gas (CU) | 0,1568 |
| 635811 | Reducer | 8151 | DN50 X 32 | 669102 | ProPress C Gas (CU) | 0,16 |

| Mat. No. | Description | Model No. | Dimensions | Item No. | Description | Weight in kg |
|----------|---------------------------|-----------|-----------------------|----------|----------------------------|--------------|
| 635821 | Reducer | 8151 | DN50 X 40 | 669119 | ProPress C Gas (CU) | 0,179 |
| 639011 | Elbow | 29163 | 3/4 X 1/2 | 773254 | ProPress <=1" (Copper) | 0,07278 |
| 639021 | Elbow | 29163 | 1 X 3/4 | 773308 | ProPress <=1" (Copper) | 0,1139 |
| 640631 | T-piece with SC | 818 | DN20 X 15 X 20 | 701475 | ProPress C Gas (CU) | 0,1081 |
| 644701 | T-piece with SC | 2618 | 22 X 14 X 22 | 677664 | ProPress G (CU) | 0,12704 |
| 644711 | T-piece with SC | 2618 | 22 X 16 X 22 | 677671 | ProPress G (CU) | 0,1374 |
| 644741 | Reducing coupling with SC | 26152 | 16 X 15 | 677701 | ProPress G (CU) | 0,0415 |
| 664391 | Sliding coupling with SC | 29155 | 1/2 | 790053 | ProPress <=1" (Copper) | 0,0631 |
| 664401 | Sliding coupling with SC | 29155 | 3/4 | 790107 | ProPress <=1" (Copper) | 0,0963 |
| 664411 | Sliding coupling with SC | 29155 | 1 | 790152 | ProPress <=1" (Copper) | 0,1288 |
| 664421 | Sliding coupling with SC | 29155 | 1 1/4 | 790206 | ProPress >=1 1/4" (Copper) | 0,1814 |
| 664431 | Sliding coupling with SC | 29155 | 1 1/2 | 790251 | ProPress >=1 1/4" (Copper) | 0,3144 |
| 664441 | Sliding coupling with SC | 29155 | 2 | 790305 | ProPress >=1 1/4" (Copper) | 0,41106 |
| 664481 | T-piece with SC | 2918 | 1 1/2 X 1 X 3/4 | 796604 | ProPress >=1 1/4" (Copper) | 0,3516 |
| 682841 | Coupling | 09152XL | 2 1/2 X 1 | 206851 | ProPress XL (CU) | 0,375 |
| 682851 | Coupling | 09152XL | 2 1/2 X 1 1/4 | 206905 | ProPress XL (CU) | 0,386 |
| 682861 | Coupling | 09152XL | 2 1/2 X 1 1/2 | 206950 | ProPress XL (CU) | 0,447 |
| 682871 | Coupling | 09152XL | 2 1/2 X 2 | 270001 | ProPress XL (CU) | 0,475 |
| 682881 | Coupling | 09152XL | 3 X 1 1/2 | 207056 | ProPress XL (CU) | 0,565 |
| 682891 | Coupling | 09152XL | 3 X 2 | 207100 | ProPress XL (CU) | 0,585 |
| 682901 | Coupling | 09152XL | 3 X 2 1/2 | 207155 | ProPress XL (CU) | 0,685 |
| 682911 | Coupling | 09152XL | 4 X 2 | 207209 | ProPress XL (CU) | 0,948 |
| 682921 | Coupling | 09152XL | 4 X 2 1/2 | 207254 | ProPress XL (CU) | 1,058 |
| 682931 | Coupling | 09152XL | 4 X 3 | 207308 | ProPress XL (CU) | 1,126 |
| 682941 | T-piece | 0918XL | 2 1/2 X 3/4 X 2 1/2 | 206844 | ProPress XL (CU) | 0,934 |
| 682951 | T-piece | 0918XL | 2 1/2 X 1 X 2 1/2 | 206899 | ProPress XL (CU) | 0,914 |
| 682961 | T-piece | 0918XL | 2 1/2 X 1 1/4 X 2 1/2 | 206943 | ProPress XL (CU) | 0,944 |
| 682971 | T-piece | 0918XL | 2 1/2 X 1 1/2 X 2 1/2 | 206998 | ProPress XL (CU) | 1 |
| 682981 | T-piece | 0918XL | 2 1/2 X 2 X 3/4 | 207049 | ProPress XL (CU) | 0,634 |
| 682991 | T-piece with SC | 0918XL | 2 1/2 X 2 X 3/4 | 223162 | ProPress XL (CU) | 0,59 |
| 682991 | T-piece | 0918XL | 2 1/2 X 2 X 1 | 207094 | ProPress XL (CU) | 0,35 |
| 683001 | T-piece | 0918XL | 2 1/2 X 2 X 2 1/2 | 207148 | ProPress XL (CU) | 0,984 |
| 683011 | T-piece | 0918XL | 3 X 3/4 X 3 | 207193 | ProPress XL (CU) | 1,34 |
| 683021 | T-piece | 0918XL | 3 X 1 X 3 | 207247 | ProPress XL (CU) | 1,309 |
| 683031 | T-piece | 0918XL | 3 X 1 1/4 X 3 | 207292 | ProPress XL (CU) | 1,328 |
| 683041 | T-piece | 0918XL | 3 X 1 1/2 X 3 | 207278 | ProPress XL (CU) | 1,381 |
| 683051 | T-piece | 0918XL | 3 X 2 X 2 1/2 | 207346 | ProPress XL (CU) | 1,182 |
| 683061 | T-piece | 0918XL | 3 X 2 X 3 | 207391 | ProPress XL (CU) | 1,34 |
| 683071 | T-piece | 0918XL | 3 X 2 1/2 X 2 | 207445 | ProPress XL (CU) | 1,119 |
| 683081 | T-piece | 0918XL | 3 X 2 1/2 X 2 1/2 | 207490 | ProPress XL (CU) | 1,3 |
| 683091 | T-piece | 0918XL | 3 X 2 1/2 X 3 | 207544 | ProPress XL (CU) | 1,444 |
| 683101 | T-piece | 0918XL | 3 X 3 X 1/2 | 207599 | ProPress XL (CU) | 0,8823 |
| 683131 | T-piece | 0918XL | 4 X 3 X 2 | 207742 | ProPress XL (CU) | 1,832 |
| 683151 | T-piece | 0918XL | 4 X 3 X 3 | 207841 | ProPress XL (CU) | 2,23 |
| 683171 | T-piece | 0918XL | 4 X 4 X 1/2 | 207889 | ProPress XL (CU) | 0,765 |
| 683181 | T-piece | 0918XL | 4 X 4 X 3/4 | 207933 | ProPress XL (CU) | 1,542 |
| 683191 | T-piece | 0918XL | 4 X 4 X 1 | 207940 | ProPress XL (CU) | 1,657 |
| 683201 | T-piece | 0918XL | 4 X 4 X 1 1/4 | 207957 | ProPress XL (CU) | 1,663 |
| 683251 | T-piece | 0918XL | 3 X 2 X 2 | 207322 | ProPress XL (CU) | 1,057 |
| 686011 | Coupling | 0815XL | DN65 | 622749 | ProPress C G XL | 0,532 |
| 686021 | Coupling | 0815XL | DN80 | 622756 | ProPress C G XL | 0,7105 |
| 686031 | Coupling | 0815XL | DN100 | 622763 | ProPress C G XL | 1,251 |
| 686041 | Coupling | 08152XL | DN65 X 32 | 622848 | ProPress C G XL | 0,375 |
| 686051 | Coupling | 08152XL | DN65 X 40 | 622770 | ProPress C G XL | 0,402 |
| 686061 | Coupling | 08152XL | DN65 X 50 | 622787 | ProPress C G XL | 0,4465 |
| 686071 | Coupling | 08152XL | DN80 X 40 | 622794 | ProPress C G XL | 0,512 |
| 686081 | Coupling | 08152XL | DN80 X 50 | 622800 | ProPress C G XL | 0,555 |
| 686091 | Coupling | 08152XL | DN80 X 65 | 622817 | ProPress C G XL | 0,662 |
| 686101 | Coupling | 08152XL | DN100 X 50 | 622824 | ProPress C G XL | 0,899 |
| 686111 | Coupling | 08152XL | DN100 X 65 | 635473 | ProPress C G XL | 1,021 |
| 686121 | Coupling | 08152XL | DN100 X 80 | 622831 | ProPress C G XL | 1,069 |
| 686131 | Sliding coupling | 08155XL | DN65 | 622855 | ProPress C G XL | 0,534 |
| 686141 | Sliding coupling | 08155XL | DN80 | 622862 | ProPress C G XL | 0,7 |
| 686151 | Sliding coupling | 08155XL | DN100 | 622879 | ProPress C G XL | 1,251 |
| 686161 | Elbow 90° | 0816XL | DN65 | 622886 | ProPress C G XL | 0,94 |
| 686171 | Elbow 90° | 0816XL | DN80 | 622893 | ProPress C G XL | 1,302 |
| 686181 | Elbow 90° | 0816XL | DN100 | 622909 | ProPress C G XL | 2,42 |
| 686191 | Elbow 90° | 08161XL | DN65 | 622916 | ProPress C G XL | 0,875 |
| 686201 | Elbow 90° | 08161XL | DN80 | 622923 | ProPress C G XL | 1,203 |
| 686211 | Elbow 90° | 08161XL | DN100 | 622930 | ProPress C G XL | 2,265 |
| 686221 | T-piece | 08172XL | DN65 X 65 X 3/4 | 622947 | ProPress C G XL | 0,986 |
| 686231 | T-piece | 08172XL | DN65 X 65 X 2 | 622954 | ProPress C G XL | 0,68 |
| 686251 | T-piece | 08172XL | DN80 X 80 X 2 | 622978 | ProPress C G XL | 1,175 |
| 686261 | T-piece | 08172XL | DN100 X 100 X 3/4 | 622985 | ProPress C G XL | 1,495 |
| 686271 | T-piece | 08172XL | DN100 X 100 X 2 | 622992 | ProPress C G XL | 1,866 |
| 686281 | T-piece | 0818XL | DN65 | 623005 | ProPress C G XL | 1,015 |
| 686291 | T-piece | 0818XL | DN80 | 623012 | ProPress C G XL | 1,339 |
| 686301 | T-piece | 0818XL | DN100 | 623029 | ProPress C G XL | 2,55 |
| 686311 | T-piece | 0818XL | DN65 X 65 X 50 | 623036 | ProPress C G XL | 0,871 |
| 686321 | T-piece | 0818XL | DN80 X 80 X 50 | 623043 | ProPress C G XL | 1,066 |
| 686331 | T-piece | 0818XL | DN80 X 80 X 65 | 623050 | ProPress C G XL | 1,205 |
| 686341 | T-piece | 0818XL | DN100 X 100 X 50 | 623067 | ProPress C G XL | 1,818 |
| 686351 | T-piece | 0818XL | DN100 X 100 X 65 | 623074 | ProPress C G XL | 1,922 |
| 686361 | T-piece | 0818XL | DN100 X 100 X 80 | 623081 | ProPress C G XL | 2,085 |
| 686371 | Elbow 45° | 0826XL | DN65 | 623098 | ProPress C G XL | 0,712 |
| 686381 | Elbow 45° | 0826XL | DN80 | 623104 | ProPress C G XL | 1 |
| 686391 | Elbow 45° | 0826XL | DN100 | 623111 | ProPress C G XL | 1,783 |
| 686401 | Elbow 45° | 08261XL | DN65 | 623128 | ProPress C G XL | 0,677 |
| 686411 | Elbow 45° | 08261XL | DN80 | 623135 | ProPress C G XL | 0,871 |
| 686421 | Elbow 45° | 08261XL | DN100 | 623142 | ProPress C G XL | 1,654 |
| 686431 | Cap | 0856XL | DN65 X 3/4 | 623159 | ProPress C G XL | 0,422 |
| 686441 | Cap | 0856XL | DN80 X 3/4 | 623166 | ProPress C G XL | 0,54 |
| 686451 | Cap | 0856XL | DN100 X 3/4 | 623173 | ProPress C G XL | 0,944 |
| 686461 | Flange | 08595XL | DN65 | 623180 | ProPress C G XL | 2,567 |
| 686471 | Flange | 08595XL | DN80 | 623197 | ProPress C G XL | 3,366 |
| 686481 | Flange | 08595XL | DN100 | 623203 | ProPress C G XL | 4,4 |
| 686491 | Reducer | 08151XL | DN65 X 40 | 623210 | ProPress C G XL | 0,273 |
| 686501 | Reducer | 08151XL | DN65 X 50 | 623227 | ProPress C G XL | 0,34 |
| 686521 | Reducer | 08151XL | DN80 X 50 | 623241 | ProPress C G XL | 0,482 |
| 686531 | Reducer | 08151XL | DN80 X 65 | 623258 | ProPress C G XL | 0,600 |

Imprint

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Notes

This EPD is mainly based on the work and findings of the Institut für Fenstertechnik e.V., Rosenheim (ift Rosenheim) and specifically on the ift-Richtlinie NA-01/3 Allgemeiner Leitfaden zur Erstellung von Typ III Umweltproduktdeklarationen. (Guideline NA.01/3 - 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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