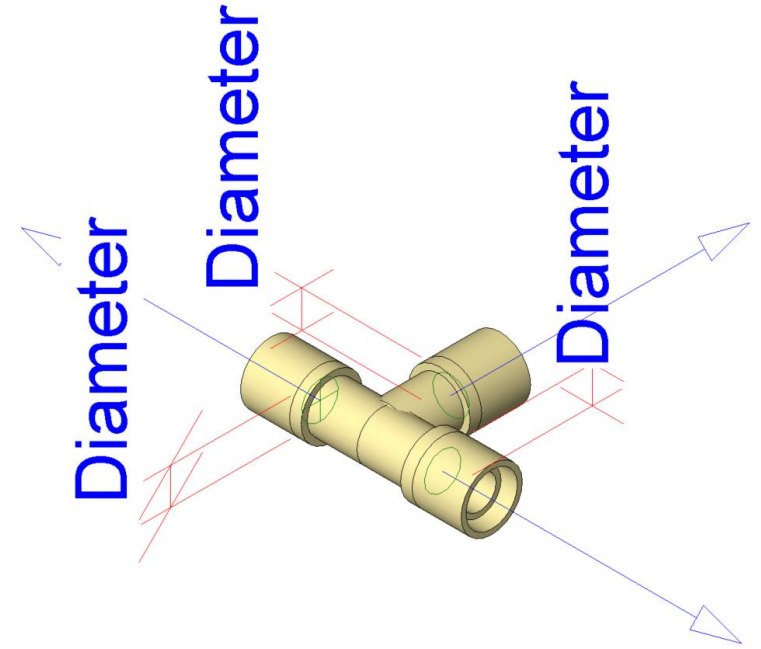
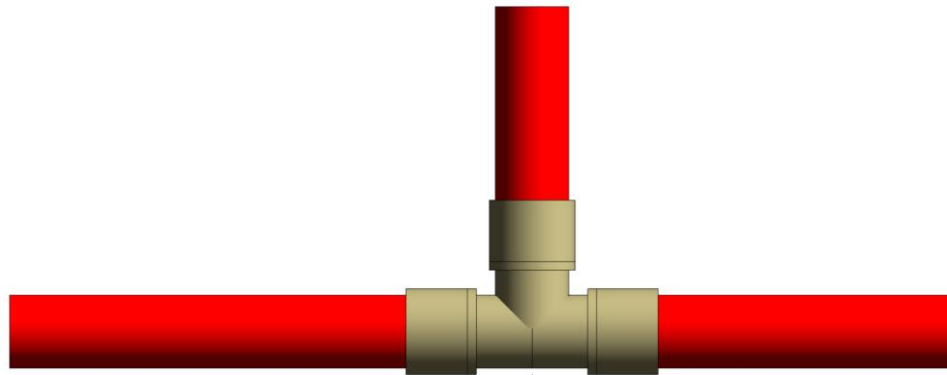


Revit Template Guideline for RAUPEX

This guideline provides instructions for creating a Revit template that integrates RAUPEX products efficiently, ensuring consistent standards and enhanced productivity in BIM projects.



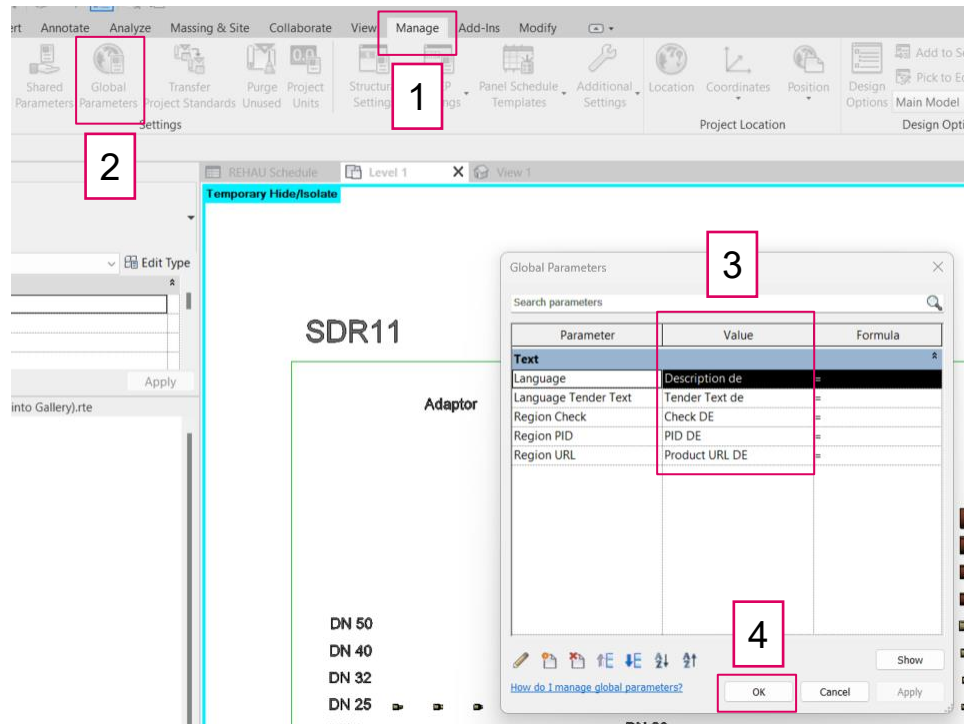
Introduction & Setup



Region PID: 11691671001
GTIN: 4007360458102
Description: REHAU T-Stück, SDR 11 LX 63 - 63 - 63

- **Purpose of the Template:**
 - Efficient integration of RAUPEX products in Revit projects
 - Ensures consistent standards and comprehensive integration, including the regions where the products are available
- **Preparation:**
 - **Software Requirements:** Compatible with Revit 2024 or later
 - **Setup Language & Region:**
 - Adjust language settings and regional standards (units, dimension styles, pipe system labels)
 - Add labels in the respective languages
 - Select product availability per region

Regions & Product availability



■ Overview

- Select regions where RAUPEX products are available
- Ensures use of relevant products and dimensions per regional standards

■ How to select regions

- Go to Manage → Global Parameters in Revit
- Manually enter the region codes in the specified fields to activate product availability for those regions
- Pipe dimensions and availability update automatically based on the entered region codes

Regions & Product availability

Codes to activate RAUPEX product availability by country in the Revit template.

| Language Code | Region Code | Country |
|---------------|-------------|----------------|
| de | DE | Germany |
| ro | RO | Romania |
| at | AT | Austria |
| fr | FR | France |
| it | IT | Italy |
| au | AU | Australia |
| nz | NZ | New Zealand |
| nl | NL | Netherlands |
| es | ES | Spain |
| gb | GB | United Kingdom |
| pl | PL | Poland |
| sk | SK | Slovakia |
| ch | CH | Switzerland |
| cz | CZ | Czech Republic |
| ua | UA | Ukraine |
| hu | HU | Hungary |
| be | BE | Belgium |
| sl | SL | Slovenia |
| bg | BG | Bulgaria |
| sg | SG | Singapore |
| gr | GR | Greece |
| tr | TR | Türkiye |
| dk | DK | Denmark |

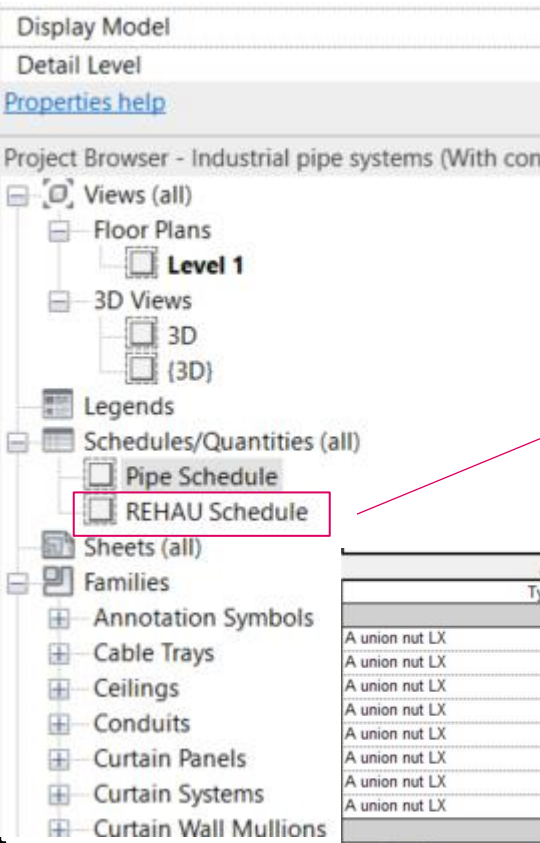
REHAU schedule

■ Purpose

- Provide a list of RAUPEX products included in the template for easy selection and project planning.

■ Key Features

- Includes all fittings and pipes relevant to RAUPEX systems.
- Filtered by selected regions using Global Parameters.
- Contains dimensions and technical specifications.
- Ready for seamless integration into project schedules and material lists



| A | B | C |
|---------------------------|---|-------------|
| Type | Description long | PID |
| A union nut LX | REHAU Übergang mit Überwurfmutter SDR 11 50 x 4,6 - G 1 1/2 | 11092191001 |
| A union nut LX | REHAU Übergang mit Überwurfmutter SDR 11 63 x 5,8 - G 2 | 11092211001 |
| A union nut LX | REHAU Übergang m. Überwurfm. SDR 11 LX 20 - G 1/2 | 11690951001 |
| A union nut LX | REHAU Übergang m. Überwurfm. SDR 11 LX 20 - G 3/4 | 11690961001 |
| A union nut LX | REHAU Übergang m. Überwurfm. SDR 11 LX 25 - G 1 | 11691021001 |
| A union nut LX | REHAU Übergang m. Überwurfm. SDR 11 LX 25 - G 3/4 | 11691031001 |
| A union nut LX | REHAU Übergang m. Überwurfm. SDR 11 LX 32 - G 1 | 11691941001 |
| A union nut LX | REHAU Übergang m. Überwurfm. SDR 11 LX 40 - G 1 1/4 | 11692141001 |
| A welding LX | REHAU Übergang mit Schweißende, SDR 11 25 x 2,3 - 26 x 2,9 | 12671611001 |
| A welding LX | REHAU Übergang mit Schweißende, SDR 11 32 x 2,9 - 33,7 x 2,6 | 12671811001 |
| A welding LX | REHAU Übergang mit Schweißende, SDR 11 40 x 3,7 - 42,4 x 2,6 | 12672011001 |
| A welding LX | REHAU Übergang mit Schweißende, SDR 11 50 x 4,6 - 48,3 x 2,6 | 12672211001 |
| A welding LX | REHAU Übergang mit Schweißende, SDR 11 63 x 5,8 - 60,3 x 2,9 | 12672411001 |
| A welding RX | REHAU Übergang mit Schweißende, SDR 11 140 x 12,7 - 139,7 x 3,6 | 12062531001 |
| A welding RX | REHAU Übergang mit Schweißende, SDR 11 160 x 14,6 - 168,3 x 4,1 | 12316261001 |
| A welding RX | REHAU Übergang mit Schweißende, SDR 11 125 x 11,4 - 139,6 x 3,6 | 12352091001 |
| A welding RX | REHAU Übergang mit Schweißende, SDR 11 75 x 6,8 - 76,1 x 2,9 | 12672611001 |
| A welding RX | REHAU Übergang mit Schweißende, SDR 11 90 x 8,2 - 88,9 x 3,2 | 12672811001 |
| A welding RX | REHAU Übergang mit Schweißende, SDR 11 110 x 10 - 114,3 x 3,6 | 12673011001 |
| Adapter taper SDR11 24 LX | REHAU Übergang Konus, SDR 11 LX 32 x 2,9 - M22 x 1,5, 24 Grad | 11693001001 |
| Adapter taper SDR11 24 LX | REHAU Übergang Konus, SDR 11 LX 32 x 2,9 - M30 x 2, 24 Grad | 11693011001 |
| Adapter taper SDR11 60 LX | REHAU Übergang Konus, SDR 11 LX 32 - G 1/2, 60 Grad | 11691681001 |

Importing Pipes & Fittings

■ Loading Families:

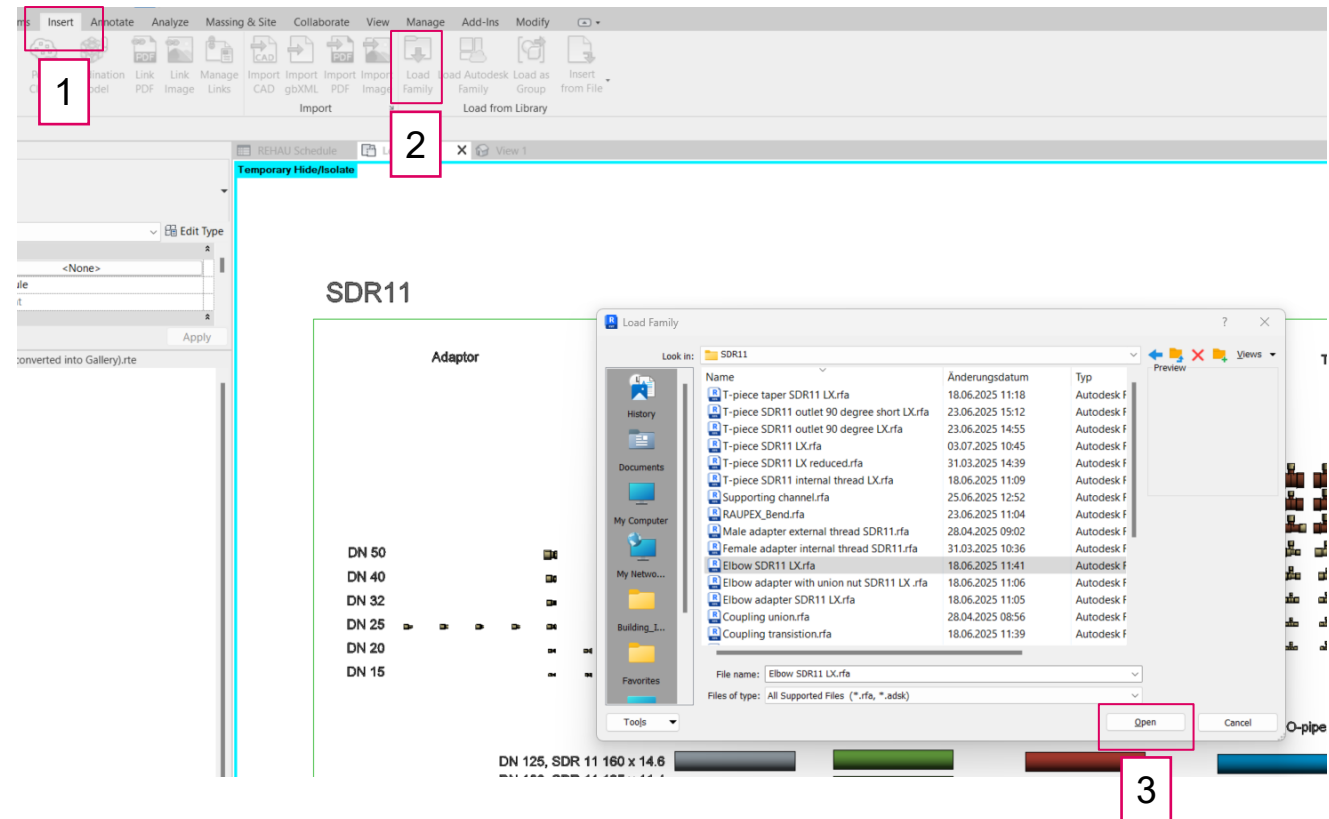
- Import RAUPEX pipe and fitting families via *Insert* → *Load Family*.

■ Assigning Parameters:

- Ensure each family includes essential parameters such as diameter, material, and others.
- Validate shared parameters for consistency across projects.

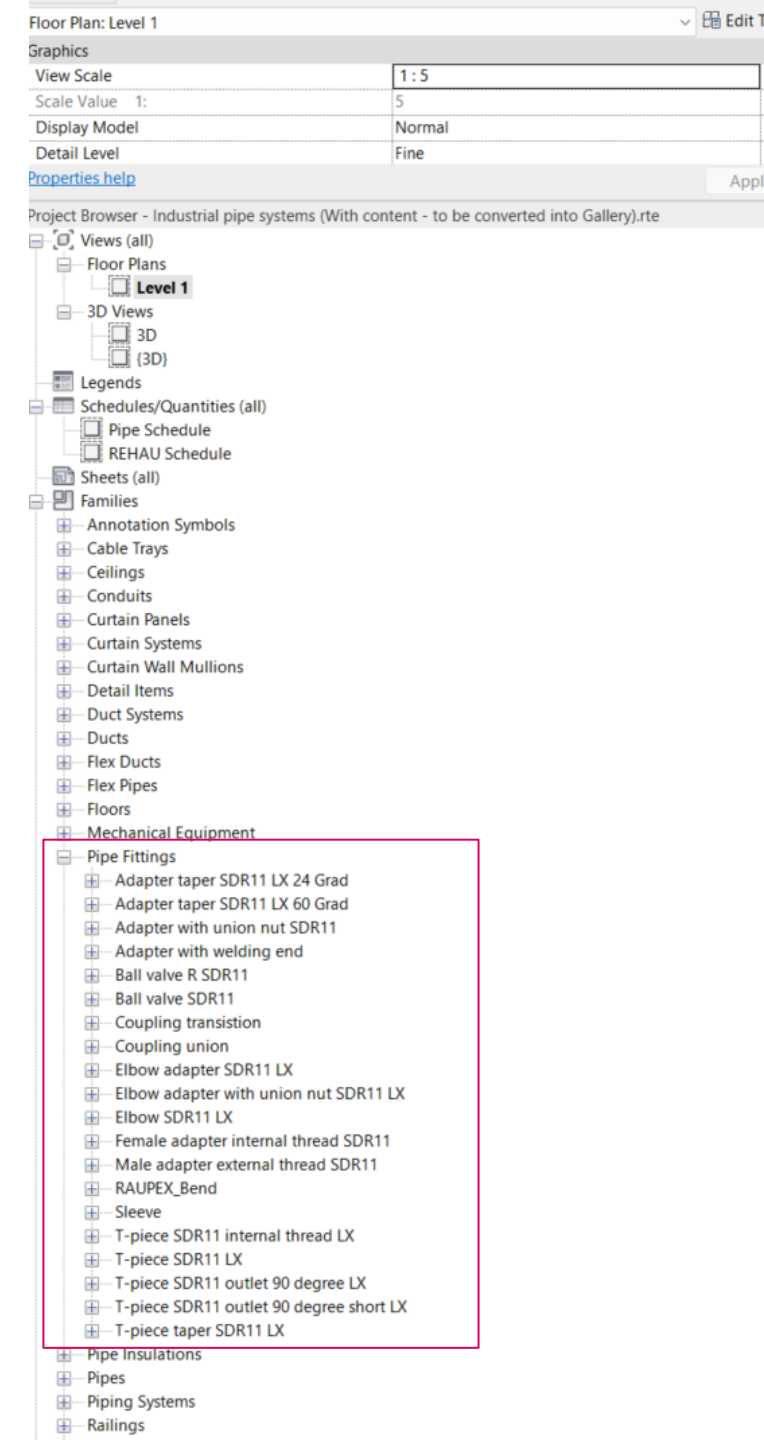
■ Testing Connections:

- Test RAUPEX products to confirm proper fitting and connection behavior within the template.



Loading families

- All RAUPEX pipe and fitting families are already included in the template under Pipe Fittings.
 - Open the template and navigate to **Project Browser > Families > Pipe Fittings** to find the preloaded components.



Assigning Parameters

- Depending on the fitting, **DN1 & DN2** or **DN1, DN2 & DN3** can be adjusted.
- These define pipe diameters at connection points.
- Material parameter is fixed and not editable.

Family Types

Type name: T-piece LX SDR11 LX

Search parameters

| Parameter | Value | Formula | Lock |
|---|--------------------------|---|--------------------------|
| Constraints | | | |
| Default Elevation | 0.0 | = | <input type="checkbox"/> |
| Graphics | | | |
| Use Annotation Scale (default) | <input type="checkbox"/> | = | |
| Materials and Finishes | | | |
| Mat. Coupling | Brass gold | = | |
| Dimensions | | | |
| DN1 (default) | 15.0 | = | <input type="checkbox"/> |
| DN2 (default) | 15.0 | = | <input type="checkbox"/> |
| DN3 (default) | 15.0 | = | <input type="checkbox"/> |
| ID1 (default) | 13.6 | =size_lookup(T2, "ID1", DN1 * 0.9, DN1, DN2, DN3) | <input type="checkbox"/> |
| ID2 (default) | 13.6 | =size_lookup(T2, "ID2", DN1 * 1.6, DN1, DN2, DN3) | <input type="checkbox"/> |
| ID3 (default) | 13.6 | =size_lookup(T2, "ID3", DN1 * 0.9, DN1, DN2, DN3) | <input type="checkbox"/> |
| L2 (default) | 43.4 | =size_lookup(T2, "L2", DN1 * 2.3, DN1, DN2, DN3) | <input type="checkbox"/> |
| Z1 (default) | 25.0 | =size_lookup(T2, "Z1", DN1 * 2.3, DN1, DN2, DN3) | <input type="checkbox"/> |
| Z2 (default) | 28.4 | =size_lookup(T2, "Z2", DN1 * 1.2, DN1, DN2, DN3) | <input type="checkbox"/> |
| Z3 (default) | 25.0 | =size_lookup(T2, "Z3", DN1 * 2.3, DN1, DN2, DN3) | <input type="checkbox"/> |
| Mechanical | | | |
| K Coefficient | | = | |
| K Coefficient Table | | = | |
| Loss Method | | = | |
| IFC Parameters | | | |
| Type IFC Predefined Type | | = | |
| Export Type to IFC As | | = | |
| Data | | | |
| Language | Description de | = | |
| Language Tender Text | Tender Text de | = | |
| PID Check (default) | 1.0 | =size_lookup(T1, Region Check, 0 mm, DN1, DN2, DN3, | <input type="checkbox"/> |
| Region Check | Check DE | = | |
| Region PID | PID DE | = | |
| Region URL | Product URL DE | = | |
| Other | | | |
| IsCustom (default) | <input type="checkbox"/> | =if(PID Check = 0 mm, 0 = 0, 0 = 1) | |
| Max sleeve | 50.0 | = | <input type="checkbox"/> |
| Sleeve DN1 <Pipe Fittings> (default) | Sleeve : LX 11 | =if(DN1 > Max sleeve, Sleeve RX, Sleeve LX) | |
| Sleeve DN2 <Pipe Fittings> (default) | Sleeve : LX 11 | =if(DN2 > Max sleeve, Sleeve RX, Sleeve LX) | |
| Sleeve DN3 <Pipe Fittings> (default) | Sleeve : LX 11 | =if(DN3 > Max sleeve, Sleeve RX, Sleeve LX) | |
| Sleeve LX <Pipe Fittings> | Sleeve : LX 11 | = | |
| Sleeve RX <Pipe Fittings> | Sleeve : RX 11 | = | |
| T1 | T-piece SDR11 LX | = | |
| T2 | T-piece SDR11 LX DN1-DN3 | = | |
| T3 | Sleeve DN | = | |

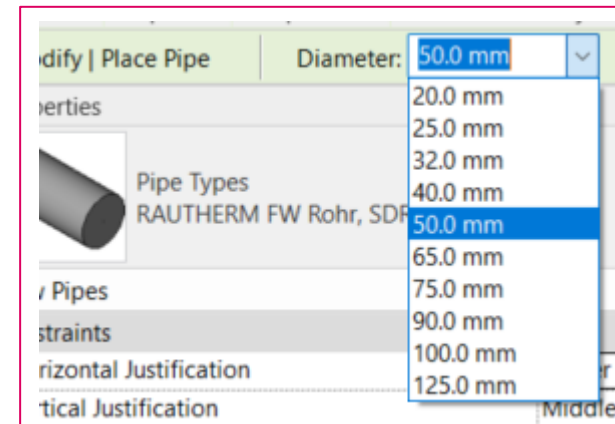
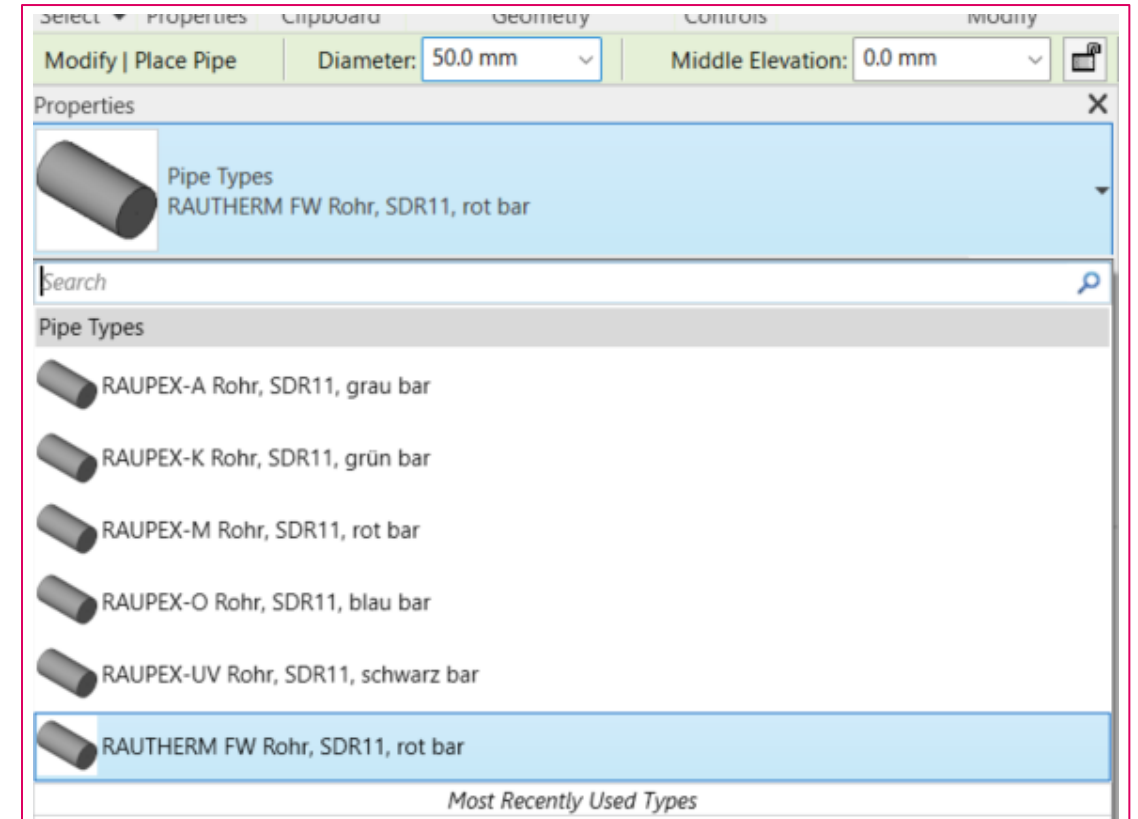
Manage Lookup Tables

OK Cancel Apply

[How do I manage family types?](#)

Pipe dimensions & types

- Includes predefined nominal diameters and materials for RAUPEX pipes.
- Configured for seamless integration and immediate use.





Engineering progress
Enhancing lives

Pipe schedule

- Dimensions & pipe types for the RAUPEX range.

| <Pipe Schedule> | | | | | | | |
|------------------------------------|---------------------|----------|------------------|-----------------|---------|--------------|----------------------------------|
| A | B | C | D | E | F | G | H |
| Type | Segment Description | Diameter | Outside Diameter | Inside Diameter | Length | Manufacturer | Material |
| RAUPEX-A Rohr, SDR11, grau bar | | 15.0 mm | 20 mm | 16 mm | 1000 mm | REHAU | RAUPEX-A Rohr, SDR11, grau bar |
| RAUPEX-A Rohr, SDR11, grau bar | | 20.0 mm | 25 mm | 20 mm | 1000 mm | REHAU | RAUPEX-A Rohr, SDR11, grau bar |
| RAUPEX-A Rohr, SDR11, grau bar | | 25.0 mm | 32 mm | 26 mm | 1000 mm | REHAU | RAUPEX-A Rohr, SDR11, grau bar |
| RAUPEX-A Rohr, SDR11, grau bar | | 32.0 mm | 40 mm | 33 mm | 1000 mm | REHAU | RAUPEX-A Rohr, SDR11, grau bar |
| RAUPEX-A Rohr, SDR11, grau bar | | 40.0 mm | 50 mm | 41 mm | 1000 mm | REHAU | RAUPEX-A Rohr, SDR11, grau bar |
| RAUPEX-A Rohr, SDR11, grau bar | | 50.0 mm | 63 mm | 51 mm | 1000 mm | REHAU | RAUPEX-A Rohr, SDR11, grau bar |
| RAUPEX-A Rohr, SDR11, grau bar | | 65.0 mm | 75 mm | 61 mm | 1000 mm | REHAU | RAUPEX-A Rohr, SDR11, grau bar |
| RAUPEX-A Rohr, SDR11, grau bar | | 75.0 mm | 90 mm | 74 mm | 1000 mm | REHAU | RAUPEX-A Rohr, SDR11, grau bar |
| RAUPEX-A Rohr, SDR11, grau bar | | 90.0 mm | 110 mm | 90 mm | 1000 mm | REHAU | RAUPEX-A Rohr, SDR11, grau bar |
| RAUPEX-A Rohr, SDR11, grau bar | | 100.0 mm | 125 mm | 102 mm | 1000 mm | REHAU | RAUPEX-A Rohr, SDR11, grau bar |
| RAUPEX-A Rohr, SDR11, grau bar | | 125.0 mm | 160 mm | 131 mm | 1000 mm | REHAU | RAUPEX-A Rohr, SDR11, grau bar |
| RAUPEX-K Rohr, SDR11, grün bar | | 15.0 mm | 20 mm | 16 mm | 1000 mm | REHAU | RAUPEX-K Rohr, SDR11, grün bar |
| RAUPEX-K Rohr, SDR11, grün bar | | 20.0 mm | 25 mm | 20 mm | 1000 mm | REHAU | RAUPEX-K Rohr, SDR11, grün bar |
| RAUPEX-K Rohr, SDR11, grün bar | | 25.0 mm | 32 mm | 26 mm | 1000 mm | REHAU | RAUPEX-K Rohr, SDR11, grün bar |
| RAUPEX-K Rohr, SDR11, grün bar | | 32.0 mm | 40 mm | 33 mm | 1000 mm | REHAU | RAUPEX-K Rohr, SDR11, grün bar |
| RAUPEX-K Rohr, SDR11, grün bar | | 40.0 mm | 50 mm | 41 mm | 1000 mm | REHAU | RAUPEX-K Rohr, SDR11, grün bar |
| RAUPEX-K Rohr, SDR11, grün bar | | 50.0 mm | 63 mm | 51 mm | 1000 mm | REHAU | RAUPEX-K Rohr, SDR11, grün bar |
| RAUPEX-K Rohr, SDR11, grün bar | | 65.0 mm | 75 mm | 61 mm | 1000 mm | REHAU | RAUPEX-K Rohr, SDR11, grün bar |
| RAUPEX-K Rohr, SDR11, grün bar | | 75.0 mm | 90 mm | 74 mm | 1000 mm | REHAU | RAUPEX-K Rohr, SDR11, grün bar |
| RAUPEX-K Rohr, SDR11, grün bar | | 90.0 mm | 110 mm | 90 mm | 1000 mm | REHAU | RAUPEX-K Rohr, SDR11, grün bar |
| RAUPEX-K Rohr, SDR11, grün bar | | 100.0 mm | 125 mm | 102 mm | 1000 mm | REHAU | RAUPEX-K Rohr, SDR11, grün bar |
| RAUPEX-K Rohr, SDR11, grün bar | | 125.0 mm | 160 mm | 131 mm | 1000 mm | REHAU | RAUPEX-K Rohr, SDR11, grün bar |
| RAUPEX-M Rohr, SDR11, rot bar | | 15.0 mm | 20 mm | 16 mm | 1000 mm | REHAU | RAUPEX-M Rohr, SDR11, rot bar |
| RAUPEX-M Rohr, SDR11, rot bar | | 20.0 mm | 25 mm | 20 mm | 1000 mm | REHAU | RAUPEX-M Rohr, SDR11, rot bar |
| RAUPEX-M Rohr, SDR11, rot bar | | 25.0 mm | 32 mm | 26 mm | 1000 mm | REHAU | RAUPEX-M Rohr, SDR11, rot bar |
| RAUPEX-M Rohr, SDR11, rot bar | | 32.0 mm | 40 mm | 33 mm | 1000 mm | REHAU | RAUPEX-M Rohr, SDR11, rot bar |
| RAUPEX-M Rohr, SDR11, rot bar | | 40.0 mm | 50 mm | 41 mm | 1000 mm | REHAU | RAUPEX-M Rohr, SDR11, rot bar |
| RAUPEX-M Rohr, SDR11, rot bar | | 50.0 mm | 63 mm | 51 mm | 1000 mm | REHAU | RAUPEX-M Rohr, SDR11, rot bar |
| RAUPEX-M Rohr, SDR11, rot bar | | 65.0 mm | 75 mm | 61 mm | 1000 mm | REHAU | RAUPEX-M Rohr, SDR11, rot bar |
| RAUPEX-M Rohr, SDR11, rot bar | | 75.0 mm | 90 mm | 74 mm | 1000 mm | REHAU | RAUPEX-M Rohr, SDR11, rot bar |
| RAUPEX-M Rohr, SDR11, rot bar | | 90.0 mm | 110 mm | 90 mm | 1000 mm | REHAU | RAUPEX-M Rohr, SDR11, rot bar |
| RAUPEX-M Rohr, SDR11, rot bar | | 100.0 mm | 125 mm | 102 mm | 1000 mm | REHAU | RAUPEX-M Rohr, SDR11, rot bar |
| RAUPEX-M Rohr, SDR11, rot bar | | 125.0 mm | 160 mm | 131 mm | 1000 mm | REHAU | RAUPEX-M Rohr, SDR11, rot bar |
| RAUPEX-O Rohr, SDR11, blau bar | | 15.0 mm | 20 mm | 16 mm | 1000 mm | REHAU | RAUPEX-O Rohr, SDR11, blau bar |
| RAUPEX-O Rohr, SDR11, blau bar | | 20.0 mm | 25 mm | 20 mm | 1000 mm | REHAU | RAUPEX-O Rohr, SDR11, blau bar |
| RAUPEX-O Rohr, SDR11, blau bar | | 25.0 mm | 32 mm | 26 mm | 1000 mm | REHAU | RAUPEX-O Rohr, SDR11, blau bar |
| RAUPEX-O Rohr, SDR11, blau bar | | 32.0 mm | 40 mm | 33 mm | 1000 mm | REHAU | RAUPEX-O Rohr, SDR11, blau bar |
| RAUPEX-O Rohr, SDR11, blau bar | | 40.0 mm | 50 mm | 41 mm | 1000 mm | REHAU | RAUPEX-O Rohr, SDR11, blau bar |
| RAUPEX-O Rohr, SDR11, blau bar | | 50.0 mm | 63 mm | 51 mm | 1000 mm | REHAU | RAUPEX-O Rohr, SDR11, blau bar |
| RAUPEX-O Rohr, SDR11, blau bar | | 65.0 mm | 75 mm | 61 mm | 1000 mm | REHAU | RAUPEX-O Rohr, SDR11, blau bar |
| RAUPEX-O Rohr, SDR11, blau bar | | 75.0 mm | 90 mm | 74 mm | 1000 mm | REHAU | RAUPEX-O Rohr, SDR11, blau bar |
| RAUPEX-O Rohr, SDR11, blau bar | | 90.0 mm | 110 mm | 90 mm | 1000 mm | REHAU | RAUPEX-O Rohr, SDR11, blau bar |
| RAUPEX-O Rohr, SDR11, blau bar | | 100.0 mm | 125 mm | 102 mm | 1000 mm | REHAU | RAUPEX-O Rohr, SDR11, blau bar |
| RAUPEX-O Rohr, SDR11, blau bar | | 125.0 mm | 160 mm | 131 mm | 1000 mm | REHAU | RAUPEX-O Rohr, SDR11, blau bar |
| RAUPEX-UV Rohr, SDR11, schwarz bar | | 15.0 mm | 20 mm | 16 mm | 1000 mm | REHAU | RAUPEX-UV Rohr, SDR11, schwarz b |
| RAUPEX-UV Rohr, SDR11, schwarz bar | | 20.0 mm | 25 mm | 20 mm | 1000 mm | REHAU | RAUPEX-UV Rohr, SDR11, schwarz b |
| RAUPEX-UV Rohr, SDR11, schwarz bar | | 25.0 mm | 32 mm | 26 mm | 1000 mm | REHAU | RAUPEX-UV Rohr, SDR11, schwarz b |
| RAUPEX-UV Rohr, SDR11, schwarz bar | | 32.0 mm | 40 mm | 33 mm | 1000 mm | REHAU | RAUPEX-UV Rohr, SDR11, schwarz b |
| RAUPEX-UV Rohr, SDR11, schwarz bar | | 40.0 mm | 50 mm | 41 mm | 1000 mm | REHAU | RAUPEX-UV Rohr, SDR11, schwarz b |
| RAUPEX-UV Rohr, SDR11, schwarz bar | | 50.0 mm | 63 mm | 51 mm | 1000 mm | REHAU | RAUPEX-UV Rohr, SDR11, schwarz b |
| RAUPEX-UV Rohr, SDR11, schwarz bar | | 65.0 mm | 75 mm | 61 mm | 1000 mm | REHAU | RAUPEX-UV Rohr, SDR11, schwarz b |
| RAUPEX-UV Rohr, SDR11, schwarz bar | | 75.0 mm | 90 mm | 74 mm | 1000 mm | REHAU | RAUPEX-UV Rohr, SDR11, schwarz b |
| RAUPEX-UV Rohr, SDR11, schwarz bar | | 90.0 mm | 110 mm | 90 mm | 1000 mm | REHAU | RAUPEX-UV Rohr, SDR11, schwarz b |
| RAUPEX-UV Rohr, SDR11, schwarz bar | | 100.0 mm | 125 mm | 102 mm | 1000 mm | REHAU | RAUPEX-UV Rohr, SDR11, schwarz b |
| RAUPEX-UV Rohr, SDR11, schwarz bar | | 125.0 mm | 160 mm | 131 mm | 1000 mm | REHAU | RAUPEX-UV Rohr, SDR11, schwarz b |
| RAUTHERM FW Rohr, SDR11, rot bar | | 20.0 mm | 25 mm | 20 mm | 1000 mm | REHAU | RAUTHERM FW Rohr, SDR11, rot bar |
| RAUTHERM FW Rohr, SDR11, rot bar | | 25.0 mm | 32 mm | 26 mm | 1000 mm | REHAU | RAUTHERM FW Rohr, SDR11, rot bar |
| RAUTHERM FW Rohr, SDR11, rot bar | | 32.0 mm | 40 mm | 33 mm | 1000 mm | REHAU | RAUTHERM FW Rohr, SDR11, rot bar |
| RAUTHERM FW Rohr, SDR11, rot bar | | 40.0 mm | 50 mm | 41 mm | 1000 mm | REHAU | RAUTHERM FW Rohr, SDR11, rot bar |
| RAUTHERM FW Rohr, SDR11, rot bar | | 50.0 mm | 63 mm | 51 mm | 1920 mm | REHAU | RAUTHERM FW Rohr, SDR11, rot bar |
| RAUTHERM FW Rohr, SDR11, rot bar | | 65.0 mm | 75 mm | 61 mm | 1000 mm | REHAU | RAUTHERM FW Rohr, SDR11, rot bar |
| RAUTHERM FW Rohr, SDR11, rot bar | | 75.0 mm | 90 mm | 74 mm | 1000 mm | REHAU | RAUTHERM FW Rohr, SDR11, rot bar |