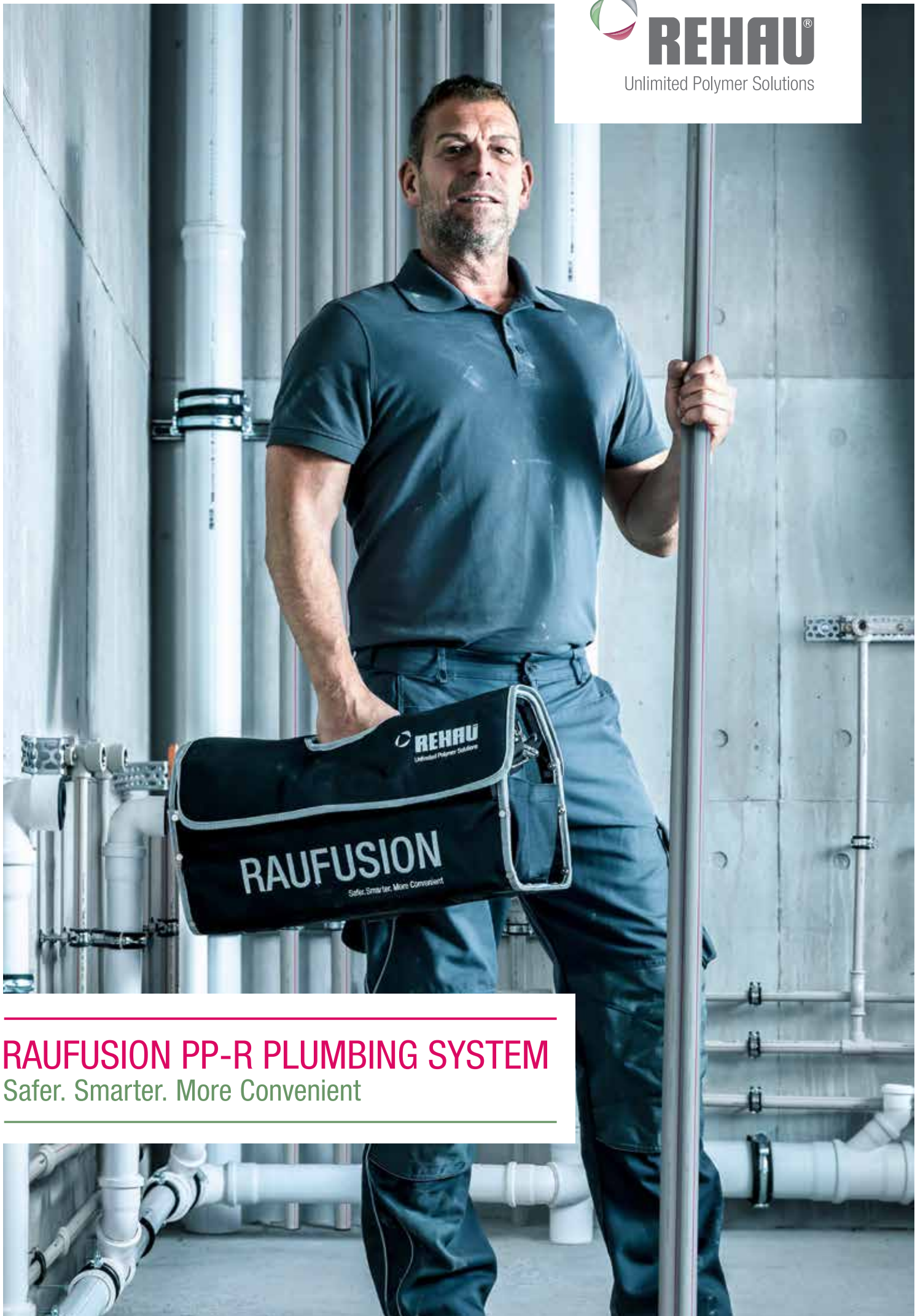




**REHAU®**

Unlimited Polymer Solutions



## RAUFUSION PP-R PLUMBING SYSTEM

Safer. Smarter. More Convenient





# THE PERFECT FUSION OF QUALITY AND FUNCTIONALITY

No material degradation

## SAFER Engineered for your safety and well being



Safety is critical when choosing a suitable plumbing system. REHAU RAUFUSION consists of a wide array of safety features such as threaded fittings that ensure absolute security at the joints, and the best compounded polypropylene material chosen to prevent material degradation. In addition, the RAUFUSION system has gone through rigorous testing to meet both international and local standards.

### Superior raw material

We use specially compounded polypropylene (PP-R) material for our pipe and fitting production. The compounded material includes highly effective stabilizers which prevent the material from degrading during production and operations.

## Easy identification

The RAUFUSION piping system is clearly marked out with 3 distinct stripes, each representing a different PN rating. This allows for easy identification at the jobsite for both installation and inspection purposes.



Pressure Rating: **PN10 / SDR 11 / S 5**  
 Operating Pressure: 12.9 bars at 20°C  
 Operating Temperature: 5 - 70°C  
 Life span: 50 years  
 Appearance: Light Grey with 4 Green stripes



Pressure Rating: **PN 20 / SDR 6 / S 2,5**  
 Operating Pressure: 25.7 bars at 20°C  
 Operating Temperature: 5 - 70°C  
 Life span: 50 years  
 Appearance: Light Grey with 4 Magenta stripes



Pressure Rating: **PN16 / SDR 7,4 / S 3,2**  
 Operating Pressure: 20.4 bars at 20°C  
 Operating Temperature: 5 - 70°C  
 Life span: 50 years  
 Appearance: Light Grey with 4 Grey stripes





ENGINEERED FOR YOUR SAFETY  
AND WELL BEING

Fused  
with  
ease

SMARTER  
Because we're thinking of you

3 Steps to socket fusion



1 Fusioning



2 Aligning



3 Jointing

Homogeneous joint - socket fusion

The result of the socket fusion process is a permanent homogeneous joint that requires no O-ring or solvent to seal and gives great pressure resistance.

Depending on the size of pipe, socket fusion welding can either be done by our handy RAUTOOL RF63, RF125 tool kits, or RAUTOOL RF125 or RF160 station kits.

For more technical details, please refer to REHAU RAUFUSION Technical Information, which can be viewed/downloaded on [www.rehau.com.sg](http://www.rehau.com.sg).



Welding Parameters

| Pipe Diameter (mm) | Insertion depth (mm) | Heating time (sec) | Jointing time (sec) | Cooling time (sec) |
|--------------------|----------------------|--------------------|---------------------|--------------------|
| 20                 | 14                   | 5                  | 4                   | 120                |
| 25                 | 16                   | 6                  | 4                   | 180                |
| 32                 | 18                   | 8                  | 6                   | 240                |
| 40                 | 20                   | 12                 | 6                   | 240                |
| 50                 | 23                   | 18                 | 6                   | 300                |
| 63                 | 26                   | 25                 | 8                   | 360                |
| 75                 | 28                   | 30                 | 8                   | 480                |
| 90                 | 31                   | 40                 | 10                  | 480                |
| 110                | 33                   | 50                 | 10                  | 480                |
| 125                | 36                   | 58                 | 10                  | 600                |
| 160                | 43                   | 80                 | 15                  | 900                |



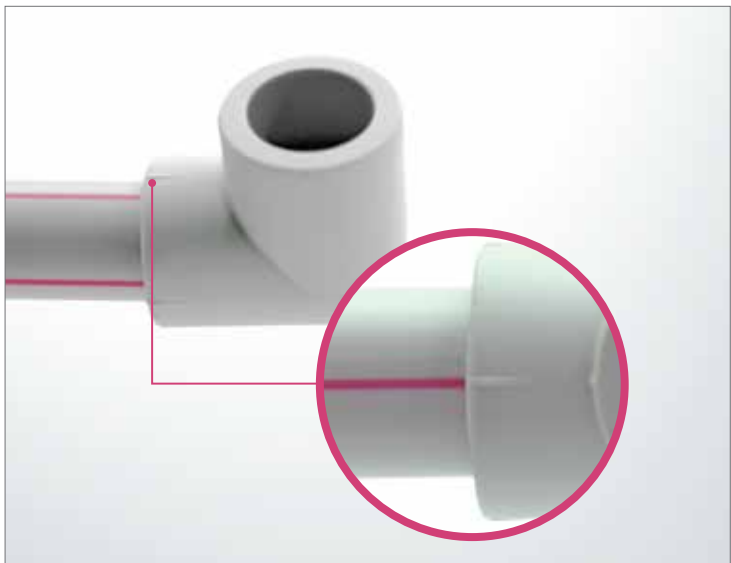


# ACCURATE INSTALLATION GUIDELINES FOR EVERY JOINT

Quality  
at your  
fingertips

## CONVENIENT Easier just for you

Convenience is the core of the RAUFUSION system. Aside from the unique features such as embossed joint and time markings, RAUFUSION is a complete PP-R system that comes equipped with a range of fusion tools that make plumbing installation effortless.



### Embossed joint markings

Four (4) stripes located along the pipe are not only designed for easy product identification, but also for convenient installation.

The pipe's stripes and fitting's embossed marking lines allow for easy and quick alignment during the installation to achieve the desired angle of the branched pipe or fitting.



### Timing marks

We know that correct fusion time guarantees the quality of the joint.

With REHAU RAUFUSION, our installers are not required to memorize the fusion parameters to carry out the fusion process. It is simply because the Fusion (Heating) Times are printed in small intervals on the RAUFUSION pipes according to the respective heating requirements for each pipe's size.

The fusion time table can also be found in the each REHAU welding tool bag.

REHAU's unique depth markers are also available to measurement of required insertion depth an ease.







# TECHNICAL SPECIFICATION

Pipes Dimension Table

|                       | PN 10 / SDR 11 / S 5 |       | PN 16 / SDR 7.4 / S 3.2 |       | PN 20 / SDR 6 / S 2,5 |      |
|-----------------------|----------------------|-------|-------------------------|-------|-----------------------|------|
| Outer pipe dimensions | e                    | ID    | e                       | ID    | e                     | ID   |
| mm                    | mm                   | mm    | mm                      | mm    | mm                    | mm   |
| 20                    | 1,9                  | 16,2  | 2.8                     | 14.4  | 3,4                   | 13,2 |
| 25                    | 2,3                  | 20,4  | 3.5                     | 18    | 4,2                   | 16,6 |
| 32                    | 2,9                  | 26,2  | 4.4                     | 23.2  | 5,4                   | 21,2 |
| 40                    | 3,7                  | 32,6  | 5.5                     | 29    | 6,7                   | 26,6 |
| 50                    | 4,6                  | 40,8  | 6.9                     | 36.2  | 8,4                   | 33,2 |
| 63                    | 5,8                  | 51,4  | 8.6                     | 45.8  | 10,5                  | 42,0 |
| 75                    | 6,8                  | 61,4  | 10.3                    | 54.4  | 12,5                  | 50,0 |
| 90                    | 8,2                  | 73,6  | 12.3                    | 65.4  | 15,0                  | 60,0 |
| 110                   | 10                   | 90,0  | 15.1                    | 79.8  | 18,4                  | 73,2 |
| 125                   | -                    | -     | 17.1                    | 90.8  | -                     | -    |
| 160                   | 14,6                 | 130,8 | 21.9                    | 116.2 | -                     | -    |

PP-R Material Characteristics

| Properties                  | Test method | Unit    | Values |
|-----------------------------|-------------|---------|--------|
| Melt Index 230/2.16         | ISO 1133    | g/10min | 0.25   |
| Density                     | ISO 1183    | g/cm3   | 0.9    |
| Vicat Softening Temperature | ISO 306     | C       | >130 C |
| Thermal conductivity (20°C) | DIN 52612   | W/mK    | 0.24   |
| Thermal Expansion Factor    | Dilatometer | Mm/mK   | 0.15   |
| Elongation                  | ASTM D 638  | %       | >400   |
| Tensile Strength at Yield   | ASTM D 638  | MPa     | 26.5   |
| Flexular Modulus            | ASTM D 790  | MPa     | 833    |

Technical Data of pipes (approximate value)

## Applications:

- The system can be used for various applications\*:
- Potable hot and cold water piping system
  - Industrial piping system
  - Radiant heating and cooling system
  - Compressed air piping system
  - Chilled water piping system

## Prestigious quality standards

Rigorously tested according to all short and long term requirements specified by ISO15874 and DIN8077/8078 while fulfilling REHAU's internal stringent lab tests and quality requirements.

## Compliance Standards:

- ISO 15874
- DIN 8077 / 78
- AS/NZS 4020
- SS 375
- BS EN 1982
- BS EN 12163
- BS EN 12420



\* Please check with your local sales office on the suitability of application before installation.



# RAUFUSION

## Product Range

### RAUFUSION Pipes

| Description                                                                                                         | Art. - No. | DN in mm    |
|---------------------------------------------------------------------------------------------------------------------|------------|-------------|
| <div> <div>Pipe PN10</div>  </div> | 312567-001 | 20 x 1,9    |
|                                                                                                                     | 312568-001 | 25 x 2,3    |
|                                                                                                                     | 312569-001 | 32 x 2,9    |
|                                                                                                                     | 312570-001 | 40 x 3,7    |
|                                                                                                                     | 312571-001 | 50 x 4,6    |
|                                                                                                                     | 312572-001 | 63 x 5,8    |
|                                                                                                                     | 312573-001 | 75 x 6,8    |
|                                                                                                                     | 312574-001 | 90 x 8,2    |
|                                                                                                                     | 312575-001 | 110 x 10,0  |
|                                                                                                                     | 320182-001 | 160 x 14,6* |

|                                                                                                                     |            |             |
|---------------------------------------------------------------------------------------------------------------------|------------|-------------|
| <div> <div>Pipe PN16</div>  </div> | 312576-001 | 20 x 2,8    |
|                                                                                                                     | 312577-001 | 25 x 3,5    |
|                                                                                                                     | 312578-001 | 32 x 4,4    |
|                                                                                                                     | 312580-001 | 40 x 5,5    |
|                                                                                                                     | 312581-001 | 50 x 6,9    |
|                                                                                                                     | 312582-001 | 63 x 8,6    |
|                                                                                                                     | 312583-001 | 75 x 10,3   |
|                                                                                                                     | 312584-001 | 90 x 12,3   |
|                                                                                                                     | 312585-001 | 110 x 15,1  |
|                                                                                                                     | 315677-001 | 125 x 17,1* |
|                                                                                                                     | 315678-001 | 160 x 21,9* |

|                                                                                                                       |            |            |
|-----------------------------------------------------------------------------------------------------------------------|------------|------------|
| <div> <div>Pipe PN20</div>  </div> | 312586-001 | 20 x 3,4   |
|                                                                                                                       | 312587-001 | 25 x 4,2   |
|                                                                                                                       | 312588-001 | 32 x 5,4   |
|                                                                                                                       | 312589-001 | 40 x 6,7   |
|                                                                                                                       | 312591-001 | 50 x 8,4   |
|                                                                                                                       | 312592-001 | 63 x 10,5  |
|                                                                                                                       | 312593-001 | 75 x 12,5  |
|                                                                                                                       | 312598-001 | 90 x 15,0  |
|                                                                                                                       | 312602-001 | 110 x 18,4 |

|                                                                                                                       |            |    |
|-----------------------------------------------------------------------------------------------------------------------|------------|----|
| <div> <div>Elbow 90°</div>  </div> | 312601-001 | 20 |
|                                                                                                                       | 312603-001 | 25 |
|                                                                                                                       | 312600-001 | 32 |

### RAUFUSION components

| Description                                                                                                         | Art. - No. | DN in mm |
|---------------------------------------------------------------------------------------------------------------------|------------|----------|
| <div> <div>Elbow 45°</div>  </div> | 312634-001 | 40       |
|                                                                                                                     | 312604-001 | 50       |
|                                                                                                                     | 312605-001 | 63       |
|                                                                                                                     | 312606-001 | 75       |
|                                                                                                                     | 312607-001 | 90       |
|                                                                                                                     | 312608-001 | 110      |
|                                                                                                                     | 315666-001 | 125*     |
|                                                                                                                     | 315667-001 | 160*     |

|                                                                                                                 |            |      |
|-----------------------------------------------------------------------------------------------------------------|------------|------|
| <div> <div>Tee</div>  </div> | 312635-001 | 20   |
|                                                                                                                 | 312636-001 | 25   |
|                                                                                                                 | 312637-001 | 32   |
|                                                                                                                 | 312638-001 | 40   |
|                                                                                                                 | 312609-001 | 50   |
|                                                                                                                 | 312610-001 | 63   |
|                                                                                                                 | 312611-001 | 75   |
|                                                                                                                 | 312612-001 | 90   |
|                                                                                                                 | 312613-001 | 110  |
|                                                                                                                 | 315668-001 | 125* |
|                                                                                                                 | 315669-001 | 160* |

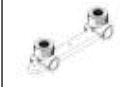
|                                                                                                                          |            |      |
|--------------------------------------------------------------------------------------------------------------------------|------------|------|
| <div> <div>Reducing Tee</div>  </div> | 312614-001 | 20   |
|                                                                                                                          | 312615-001 | 25   |
|                                                                                                                          | 312639-001 | 32   |
|                                                                                                                          | 312640-001 | 40   |
|                                                                                                                          | 312730-001 | 50   |
|                                                                                                                          | 312731-001 | 63   |
|                                                                                                                          | 312732-001 | 75   |
|                                                                                                                          | 312733-001 | 90   |
|                                                                                                                          | 312734-001 | 110  |
|                                                                                                                          | 315670-001 | 125* |
|                                                                                                                          | 315671-001 | 160* |

|                                                                                                                          |            |          |
|--------------------------------------------------------------------------------------------------------------------------|------------|----------|
| <div> <div>Reducing Tee</div>  </div> | 312616-001 | 25-20-25 |
|                                                                                                                          | 312617-001 | 32-20-32 |
|                                                                                                                          | 312618-001 | 32-25-32 |
|                                                                                                                          | 312641-001 | 40-20-40 |
|                                                                                                                          | 312642-001 | 40-25-40 |
|                                                                                                                          | 312643-001 | 40-32-40 |
|                                                                                                                          | 312645-001 | 50-20-50 |
|                                                                                                                          | 312646-001 | 50-25-50 |
|                                                                                                                          | 312735-001 | 50-32-50 |
|                                                                                                                          | 312736-001 | 50-40-50 |
| <div> <div>Reducing Tee</div>  </div> | 312647-001 | 63-20-63 |
|                                                                                                                          | 312737-001 | 63-25-63 |

### RAUFUSION components

| Description                                                                                                                   | Art. - No. | DN in mm   |
|-------------------------------------------------------------------------------------------------------------------------------|------------|------------|
| <div> <div>Reducing Elbow 90°</div>  </div> | 312738-001 | 63-32-63   |
|                                                                                                                               | 312739-001 | 63-40-63   |
|                                                                                                                               | 312740-001 | 63-50-63   |
|                                                                                                                               | 312741-001 | 75-32-75   |
|                                                                                                                               | 312742-001 | 75-63-75   |
|                                                                                                                               | 312743-001 | 90-32-90   |
|                                                                                                                               | 312745-001 | 90-63-90   |
|                                                                                                                               | 312746-001 | 110-63-110 |

|                                                                                                                               |            |       |
|-------------------------------------------------------------------------------------------------------------------------------|------------|-------|
| <div> <div>Reducing Elbow 90°</div>  </div> | 320257-001 | 25-20 |
|                                                                                                                               | 320258-001 | 32-20 |
|                                                                                                                               | 320259-001 | 32-25 |

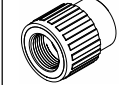
|                                                                                                                                 |            |            |
|---------------------------------------------------------------------------------------------------------------------------------|------------|------------|
| <div> <div>Reducing Elbow 90°</div>  </div> | 316312-001 | 20-Rp 1/2" |
|                                                                                                                                 | 317068-001 | 25-Rp 1/2" |

|                                                                                                                                          |            |          |
|------------------------------------------------------------------------------------------------------------------------------------------|------------|----------|
| <div> <div>Reducing Bush</div>  </div>               | 312619-001 | 25-20    |
|                                                                                                                                          | 312648-001 | 32-20    |
|                                                                                                                                          | 312620-001 | 32-25    |
|                                                                                                                                          | 312649-001 | 40-20    |
|                                                                                                                                          | 312650-001 | 40-25    |
|                                                                                                                                          | 312747-001 | 40-32    |
|                                                                                                                                          | 312748-001 | 50-20    |
|                                                                                                                                          | 312749-001 | 50-25    |
|                                                                                                                                          | 312750-001 | 50-32    |
|                                                                                                                                          | 312751-001 | 50-40    |
|                                                                                                                                          | 312752-001 | 63-20    |
|                                                                                                                                          | 312753-001 | 63-25    |
|                                                                                                                                          | 312754-001 | 63-32    |
|                                                                                                                                          | 312755-001 | 63-40    |
|                                                                                                                                          | 312756-001 | 63-50    |
|                                                                                                                                          | 312757-001 | 75-63    |
|                                                                                                                                          | 312758-001 | 90-63    |
|                                                                                                                                          | 312759-001 | 90-75    |
| <div> <div>RAUFUSION union ball valve</div>  </div> | 312760-001 | 110-63   |
|                                                                                                                                          | 312761-001 | 110-75   |
|                                                                                                                                          | 312762-001 | 110-90   |
|                                                                                                                                          | 315672-001 | 125-110* |
|                                                                                                                                          | 315674-001 | 160-110* |
|                                                                                                                                          | 315673-001 | 160-125* |

### RAUFUSION components

| Description                                                                                                        | Art. - No. | DN in mm |
|--------------------------------------------------------------------------------------------------------------------|------------|----------|
| <div> <div>Socket</div>  </div> | 312621-001 | 20       |
|                                                                                                                    | 312622-001 | 25       |
|                                                                                                                    | 312651-001 | 32       |
|                                                                                                                    | 312652-001 | 40       |
|                                                                                                                    | 312623-001 | 50       |
|                                                                                                                    | 312624-001 | 63       |
|                                                                                                                    | 312625-001 | 75       |
|                                                                                                                    | 312626-001 | 90       |
|                                                                                                                    | 312627-001 | 110      |
|                                                                                                                    | 315634-001 | 125*     |
|                                                                                                                    | 315665-001 | 160*     |

|                                                                                                                     |            |    |
|---------------------------------------------------------------------------------------------------------------------|------------|----|
| <div> <div>End Cap</div>  </div> | 312653-001 | 20 |
|                                                                                                                     | 312654-001 | 25 |
|                                                                                                                     | 312655-001 | 32 |
|                                                                                                                     | 312656-001 | 40 |
|                                                                                                                     | 312657-001 | 50 |
|                                                                                                                     | 312658-001 | 63 |

|                                                                                                                                        |            |           |
|----------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|
| <div> <div>Coupling - female thread</div>  </div> | 312659-001 | 20-1/2"   |
|                                                                                                                                        | 312660-001 | 20-3/4"   |
|                                                                                                                                        | 312661-001 | 25-1/2"   |
|                                                                                                                                        | 312662-001 | 25-3/4"   |
|                                                                                                                                        | 312663-001 | 32-3/4"   |
|                                                                                                                                        | 312664-001 | 32-1"     |
|                                                                                                                                        | 312666-001 | 40-1 1/4" |
|                                                                                                                                        | 312667-001 | 50-1 1/2" |
|                                                                                                                                        | 312668-001 | 63-2"     |

|                                                                                                                                      |            |           |
|--------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|
| <div> <div>Coupling - male thread</div>  </div> | 312669-001 | 20-1/2"   |
|                                                                                                                                      | 312670-001 | 20-3/4"   |
|                                                                                                                                      | 312671-001 | 25-1/2"   |
|                                                                                                                                      | 312672-001 | 25-3/4"   |
|                                                                                                                                      | 312673-001 | 32-3/4"   |
|                                                                                                                                      | 312674-001 | 32-1"     |
|                                                                                                                                      | 312675-001 | 40-1 1/4" |
|                                                                                                                                      | 312676-001 | 50-1 1/2" |
|                                                                                                                                      | 312677-001 | 63-2"     |

|                                                                                                                          |            |    |
|--------------------------------------------------------------------------------------------------------------------------|------------|----|
| <div> <div>Stop Valve</div>  </div> | 312699-001 | 20 |
|                                                                                                                          | 312700-001 | 25 |
|                                                                                                                          | 312701-001 | 32 |

|                                                                                                                                    |            |    |
|------------------------------------------------------------------------------------------------------------------------------------|------------|----|
| <div> <div>Concealed stop valve</div>  </div> | 314347-001 | 20 |
|                                                                                                                                    | 314349-001 | 25 |
|                                                                                                                                    | 314350-001 | 32 |

|                                                                                                                                          |            |     |
|------------------------------------------------------------------------------------------------------------------------------------------|------------|-----|
| <div> <div>RAUFUSION union ball valve</div>  </div> | 316228-001 | d20 |
|                                                                                                                                          | 316229-001 | d25 |
|                                                                                                                                          | 316230-001 | d32 |
|                                                                                                                                          | 316635-001 | d40 |
|                                                                                                                                          | 316636-001 | d50 |
|                                                                                                                                          | 316637-001 | d63 |

### RAUFUSION components

| Description                                                                                                                       | Art. - No. | DN in mm          |
|-----------------------------------------------------------------------------------------------------------------------------------|------------|-------------------|
| <div> <div>Elbow - female thread</div>  </div> | 312679-001 | 20-1/2" (Shallow) |
|                                                                                                                                   | 312681-001 | 20-1/2"           |
|                                                                                                                                   | 314080-001 | 20-3/4"           |
|                                                                                                                                   | 312682-001 | 25-1/2"           |
|                                                                                                                                   | 312683-001 | 25-3/4"           |
|                                                                                                                                   | 312684-001 | 32-3/4"           |
|                                                                                                                                   | 312685-001 | 32-1"             |

|                                                                                                                                 |            |         |
|---------------------------------------------------------------------------------------------------------------------------------|------------|---------|
| <div> <div>Elbow - male thread</div>  </div> | 312686-001 | 20-1/2" |
|                                                                                                                                 | 312687-001 | 20-3/4" |
|                                                                                                                                 | 312688-001 | 25-1/2" |
|                                                                                                                                 | 312689-001 | 25-3/4" |
|                                                                                                                                 | 312690-001 | 32-3/4" |
|                                                                                                                                 | 312691-001 | 32-1"   |

|                                                                                                                                                  |            |         |
|--------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|
| <div> <div>Wall-mounted Elbow - female thread</div>  </div> | 312678-001 | 20-1/2" |
|--------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|

|                                                                                                                                   |            |            |
|-----------------------------------------------------------------------------------------------------------------------------------|------------|------------|
| <div> <div>Tee - female thread</div>  </div> | 312692-001 | 20-1/2"-20 |
|                                                                                                                                   | 312693-001 | 25-1/2"-25 |
|                                                                                                                                   | 312694-001 | 25-3/4"-25 |
|                                                                                                                                   | 312695-001 | 32-3/4"-32 |
|                                                                                                                                   | 312696-001 | 32-1"-32   |

|                                                                                                                                 |            |            |
|---------------------------------------------------------------------------------------------------------------------------------|------------|------------|
| <div> <div>Tee - male thread</div>  </div> | 312697-001 | 20-1/2"-20 |
|                                                                                                                                 | 312698-001 | 25-1/2"-25 |

|                                                                                                                                           |            |           |
|-------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|
| <div> <div>Adaptor Union - male thread</div>  </div> | 312703-001 | 20-1/2"   |
|                                                                                                                                           | 312704-001 | 25-3/4"   |
|                                                                                                                                           | 312705-001 | 32-1"     |
|                                                                                                                                           | 312706-001 | 40-1 1/4" |
|                                                                                                                                           | 312707-001 | 50-1 1/2" |
|                                                                                                                                           | 312708-001 | 63-2"     |

|                                                                                                                                    |            |           |
|------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|
| <div> <div>Adaptor union female</div>  </div> | 314348-001 | 20-1/2"   |
|                                                                                                                                    | 314352-001 | 25-3/4"   |
|                                                                                                                                    | 314353-001 | 32-1"     |
|                                                                                                                                    | 314354-001 | 40-1 1/4" |
|                                                                                                                                    | 314355-001 | 50-1 1/2" |
|                                                                                                                                    | 314356-001 | 63-2"     |

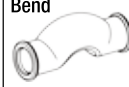
### RAUFUSION components

| Description                                                                                                                | Art. - No. | DN in mm |
|----------------------------------------------------------------------------------------------------------------------------|------------|----------|
| <div> <div>Flange Adaptor</div>  </div> | 312709-001 | 63       |
|                                                                                                                            | 312710-001 | 75       |
|                                                                                                                            | 312711-001 | 90       |
|                                                                                                                            | 312724-001 | 110      |
|                                                                                                                            | 315675-001 | 125*     |
|                                                                                                                            | 320673-001 | 160*     |

|                                                                                                                           |            |              |
|---------------------------------------------------------------------------------------------------------------------------|------------|--------------|
| <div> <div>Flange gasket</div>  </div> | 320674-001 | 63-107-4/5   |
|                                                                                                                           | 320675-001 | 75-127-4/5   |
|                                                                                                                           | 320676-001 | 90-142-4/5   |
|                                                                                                                           | 320679-001 | 110-125      |
|                                                                                                                           | 320681-001 | 160-218-6/8* |

|                                                                                                                          |            |      |
|--------------------------------------------------------------------------------------------------------------------------|------------|------|
| <div> <div>Steel flange</div>  </div> | 320682-001 | 63   |
|                                                                                                                          | 320683-001 | 75   |
|                                                                                                                          | 320684-001 | 90   |
|                                                                                                                          | 320685-001 | 110  |
|                                                                                                                          | 320686-001 | 125* |
|                                                                                                                          | 320687-001 | 160  |

|                                                                                                                                     |            |       |
|-------------------------------------------------------------------------------------------------------------------------------------|------------|-------|
| <div> <div>REHAU PPR-PEX Adaptor</div>  </div> | 312725-001 | 20-16 |
|                                                                                                                                     | 312726-001 | 20-20 |
|                                                                                                                                     | 312727-001 | 25-25 |
|                                                                                                                                     | 312728-001 | 32-32 |
|                                                                                                                                     | 312729-001 | 40-40 |

|                                                                                                                                 |            |    |
|---------------------------------------------------------------------------------------------------------------------------------|------------|----|
| <div> <div>Short Bypass Bend</div>  </div> | 314050-001 | 20 |
|                                                                                                                                 | 314060-001 | 25 |
|                                                                                                                                 | 314070-001 | 32 |

### RAUFUSION tools

||
||
||

This document is protected by copyright. All rights based on this are reserved. No part of this publication may be translated, reproduced or transmitted in any form or by any similar means, electronic or mechanical, photocopying, recording or otherwise, or stored in a data retrieval system.

Our verbal and written advice relating to technical applications is based on experience and is to the best of our knowledge correct but is given without obligation.  
The use of REHAU products in conditions that are beyond our control or for applications other than those specified releases us from any obligation in regard to claims made in respect of the products.  
We recommend that the suitability of any REHAU product for the intended application should be checked. Utilisation and processing of our products are beyond our control and are therefore exclusively your responsibility. In the event that a liability is nevertheless considered, any compensation will be limited to the value of the goods supplied by us and used by you.  
Our warranty assumes consistent quality of our products in accordance with our specification and in accordance with our general conditions of sale.

#### **REHAU Branches in Asia Pacific :**

##### **SINGAPORE - Regional Office for Asia Pacific**

1 King George's Avenue, REHAU Building, Singapore 208557 Tel: +65 6392-6006 Fax: +65 6392-6116

AUSTRALIA National Customer Service Centre Tel: 1300 768 033 GREATER CHINA Beijing Tel: +86 10 6428-2956 Chengdu Tel: +86 28 8628-3218  
Guangzhou Tel: 020-37126 000 Hong Kong Tel: +852 2898-7080 Qingdao Tel: +86 532 8667-8190 Shenyang Tel: +86 24 2287-5807 Shanghai  
Tel: +86-21 6129 1900 Taicang Tel: +86 512 5337-2888 Taipei Tel: +886 2 8780-3899 Xi'an Tel: +86 29 6859-7000 INDIA Bangalore Tel: +91 80  
2222-0014 Mumbai Tel: +91 22 6148-5858 New Delhi Tel: +91 11 4848-5600 Pune Tel: + 91 21 3567-4301 / 4340 INDONESIA Jakarta Tel: +62 21  
4587 1030 JAPAN Tokyo Tel: +81-3-3292-8337 NEW ZEALAND Auckland Tel: +64 9 2722-264 PHILIPPINES Manila Tel: +63 2 654-5120 THAILAND  
Bangkok Tel: +66 2763-5100 VIETNAM Ho Chi Minh City Tel: +84 8 3823-3030  
[www.rehau.com](http://www.rehau.com)