

Water distribution  
Heating and cooling

# System Ekoplastik

## Catalogue of Products



# System Ekoplastik

## Contents

|   |    |
|---|----|
| Product Range .....   | 3  |
| System Ekoplastik - Benefits, Designation of Pipes S (SDR) instead of PN..... | 5  |
| Standard Products for Potable (Cold) and Hot Water and for Heating (I.) ..... | 6  |
| Standard Products only for Potable (Cold) Water (II.) .....                   | 27 |
| Product for Temporary Use (non Standard) (III.).....                          | 27 |
| Accessories (IV.) .....   | 27 |

## Product Range Basic Information

### Major Areas of Application of Individual Pipe



**Ekoplastik PPR PN10**  
Ø 20-125 mm

**Ekoplastik PPR PN16**  
Ø 16-125 mm

**Ekoplastik PPR PN20**  
Ø 16-125 mm

**Ekoplastik Evo / Evo Plus**  
Ø 16-125 mm

**Ekoplastik Stabi Plus**  
Ø 16-110 mm

**Ekoplastik Fiber Basalt Plus**  
Ø 20-125 mm

**Ekoplastik Fiber Basalt Clima**  
Ø 20-125 mm



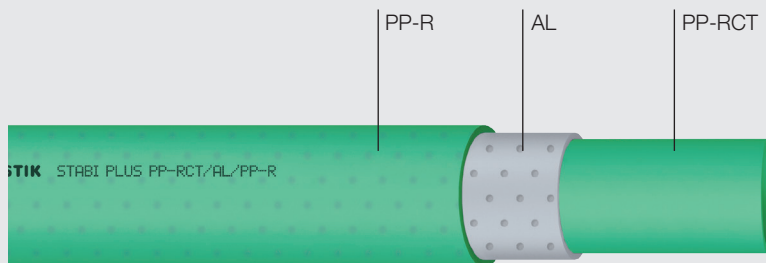
max. 70 °C



max. 90 °C

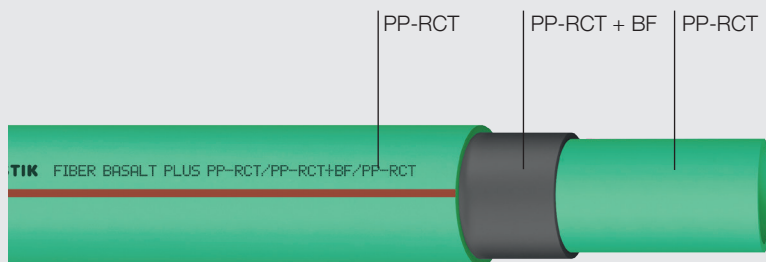
# System Ekoplastik

## Multilayer pipes made from PP-RCT



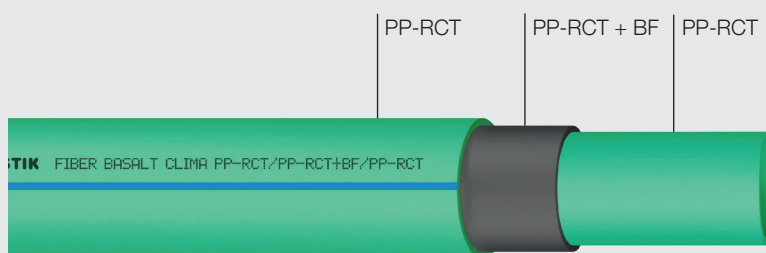
### Ekoplastik Stabi Plus

- 3× lesser thermal expansion
- oxygen barrier
- heating



### Ekoplastik Fiber Basalt Plus

- 3× lesser thermal expansion
- no need to shave before welding
- hot water, heating



### Ekoplastik Fiber Basalt Klima

- 3× lesser thermal expansion
- no need to shave before welding
- cold water, air conditioning

## System Ekoplastik

System Ekoplastik is plastic piping system used for hot and cold water distribution in buildings, floor and central heating and airconditioning.

## Benefits

- ⦿ high quality PP piping systems from Wavin
- ⦿ includes new 4th generation material PP-RCT
- ⦿ includes unique 3 layer pipes with basalt fiber re-inforcement
- ⦿ new 4 layer pipes with basalt fiber and oxygen barrier
- ⦿ high pressure and temperature resistance

## Designation of Pipes S (SDR) instead of PN

**Designation of pipes S (SDR) instead of PN** In accordance with the ČSN EN ISO15874 and DIN 8077 standards, it is necessary to designate the pipes as „S“ or „SDR“ instead of „PN“.

$$\text{SDR} = 2S+1$$

$$\text{SDR} \approx D/t$$

**Legend:**

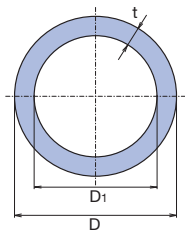
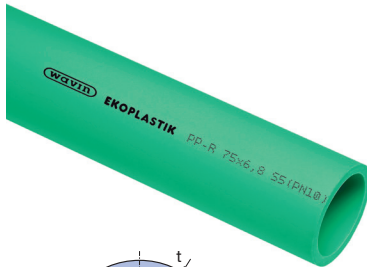
D = outside diameter  
t = the wall thickness

- ⦿ We designate the PPR tubes as „PN“ for historical reasons (it used to be the former designation for the pressurised product range) although the values no longer correspond to the definition above.
  - ⦿ The PP-RCT is a new type of material and the „PN“ designation has not been implemented.
  - ⦿ The operating parameters of the pipes are specified in the designation on the tubes and in the Assembly instructions.
- The catalogue states the „PN“ values for the pipes made of PP-RCT for easier orientation (the „PN“ formula as specified in the standard was used in the calculation).**
- ⦿ The „PN“ designation indicates the permissive operating pressure in bar for maximum temperature 20 °C and service life of 50 years
  - ⦿ For the lowest design coefficient according to „PN“, the standards ČSN EN ISO 15874 and DIN 8077 no longer specify the pipe classification.

# Catalogue of Products

## Standard Products for Potable (Cold) and Hot Water and for Heating (I.)

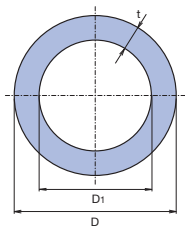
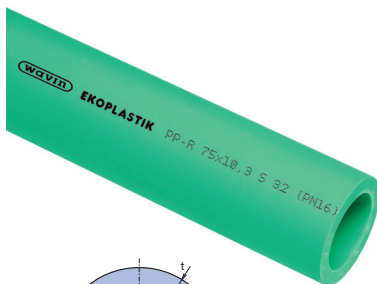
### Pipe Ekoplastik S 5 / PN 10 / SDR 11



| D<br>mm | D <sub>1</sub><br>mm | t<br>mm | l<br>mm | m   | kg/m  | CODE       |
|---------|----------------------|---------|---------|-----|-------|------------|
| 20      | 15,6                 | 2,2     | 4000    | 100 | 0,121 | TTR020P10X |
| 25      | 20,4                 | 2,3     | 4000    | 60  | 0,164 | TTR025P10X |
| 32      | 26,2                 | 2,9     | 4000    | 40  | 0,258 | TTR032P10X |
| 40      | 32,6                 | 3,7     | 4000    | 24  | 0,413 | TTR040P10X |
| 50      | 40,8                 | 4,6     | 4000    | 16  | 0,636 | TTR050P10X |
| 63      | 51,4                 | 5,8     | 4000    | 12  | 1,004 | TTR063P10X |
| 75      | 61,4                 | 6,8     | 4000    | 8   | 1,401 | TTR075P10X |
| 90      | 73,6                 | 8,2     | 4000    | 4   | 2,014 | TTR090P10X |
| 110     | 90,0                 | 10,0    | 4000    | 4   | 3,009 | TTR110P10X |
| 125     | 102,2                | 11,4    | 4000    | 4   | 3,910 | TTR125P10X |

job-order manufacture, delivery date 30 days

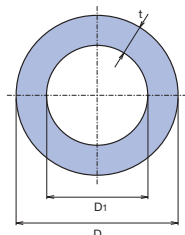
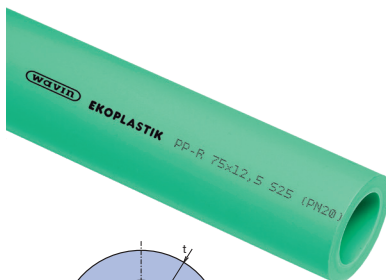
### Pipe Ekoplastik S 3,2 / PN 16 / SDR 7,4



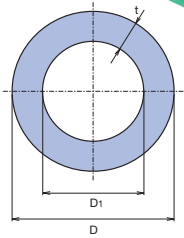
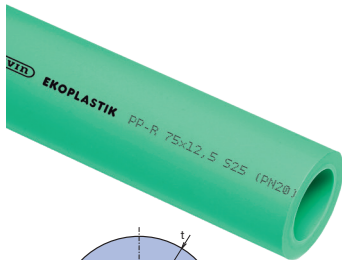
| D<br>mm | D <sub>1</sub><br>mm | t<br>mm | l<br>mm | m   | kg/m  | CODE       |
|---------|----------------------|---------|---------|-----|-------|------------|
| 16      | 11,6                 | 2,2     | 4000    | 160 | 0,094 | TTR016P16X |
| 20      | 14,4                 | 2,8     | 4000    | 100 | 0,145 | TTR020P16X |
| 25      | 18,0                 | 3,5     | 4000    | 60  | 0,227 | TTR025P16X |
| 32      | 23,2                 | 4,4     | 4000    | 40  | 0,367 | TTR032P16X |
| 40      | 29,0                 | 5,5     | 4000    | 24  | 0,566 | TTR040P16X |
| 50      | 36,2                 | 6,9     | 4000    | 16  | 0,886 | TTR050P16X |
| 63      | 45,8                 | 8,6     | 4000    | 12  | 1,387 | TTR063P16X |
| 75      | 54,4                 | 10,3    | 4000    | 8   | 1,990 | TTR075P16X |
| 90      | 65,4                 | 12,3    | 4000    | 4   | 2,839 | TTR090P16X |
| 110     | 79,8                 | 15,1    | 4000    | 4   | 4,274 | TTR110P16X |
| 125     | 90,8                 | 17,1    | 4000    | 4   | 5,530 | TTR125P16X |

job-order manufacture, delivery date 30 days

### Pipe Ekoplastik S 2,5 / PN 20 / SDR 6



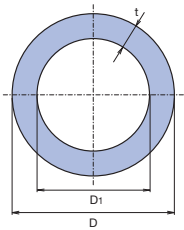
| D<br>mm | D <sub>1</sub><br>mm | t<br>mm | l<br>mm | m   | kg/m  | CODE       |
|---------|----------------------|---------|---------|-----|-------|------------|
| 16      | 10,6                 | 2,7     | 4000    | 160 | 0,107 | TTR016P20X |
| 20      | 13,2                 | 3,4     | 4000    | 100 | 0,169 | TTR020P20X |
| 25      | 16,6                 | 4,2     | 4000    | 60  | 0,259 | TTR025P20X |
| 32      | 21,2                 | 5,4     | 4000    | 40  | 0,423 | TTR032P20X |
| 40      | 26,6                 | 6,7     | 4000    | 24  | 0,657 | TTR040P20X |
| 50      | 33,4                 | 8,3     | 4000    | 16  | 1,013 | TTR050P20X |
| 63      | 42,0                 | 10,5    | 4000    | 12  | 1,611 | TTR063P20X |



**Pipe Ekoplastik S 2,5 / PN 20 / SDR 6 – 3 m**

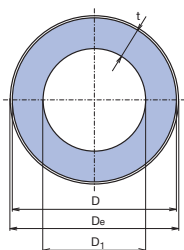
| D<br>mm | D <sub>1</sub><br>mm | t<br>mm | l<br>mm | ⊞<br>m | ⚖<br>kg/m | CODE       |
|---------|----------------------|---------|---------|--------|-----------|------------|
| 20      | 13,2                 | 3,4     | 3000    | 75     | 0,169     | TTR020P203 |
| 25      | 16,6                 | 4,2     | 3000    | 45     | 0,259     | TTR025P203 |
| 32      | 21,2                 | 5,4     | 3000    | 30     | 0,423     | TTR032P203 |

All pipes listed above could be manufactured in alternative lengths to special order by prior agreement.



**Pipe Ekoplastik Evo 16 mm S 3,2 / SDR 7,4 / PN 28 (calculation)  
Pipe Ekoplastik Evo Plus 20-25 mm S 3,2 / SDR 7,4 / PN 28 (calculation)  
Pipe Ekoplastik Evo 32-125 mm S 4 / SDR 9 / PN 22 (calculation)**

| D<br>mm | D <sub>1</sub><br>mm | t<br>mm | l<br>mm | ⊞<br>m | ⚖<br>kg/m | CODE       |
|---------|----------------------|---------|---------|--------|-----------|------------|
| 16      | 11,6                 | 2,2     | 4000    | 160    | 0,095     | TTRE016S32 |
| 20      | 14,4                 | 2,8     | 4000    | 100    | 0,161     | TTRE020S32 |
| 25      | 18,0                 | 3,5     | 4000    | 60     | 0,191     | TTRE025S32 |
| 32      | 24,8                 | 3,6     | 4000    | 40     | 0,313     | TTRE032S4  |
| 40      | 31,0                 | 4,5     | 4000    | 24     | 0,487     | TTRE040S4  |
| 50      | 38,8                 | 5,6     | 4000    | 16     | 0,755     | TTRE050S4  |
| 63      | 48,8                 | 7,1     | 4000    | 12     | 1,200     | TTRE063S4  |
| 75      | 58,2                 | 8,4     | 4000    | 8      | 1,690     | TTRE075S4  |
| 90      | 69,8                 | 10,1    | 4000    | 4      | 2,440     | TTRE090S4  |
| 110     | 85,4                 | 12,3    | 4000    | 4      | 3,620     | TTRE110S4  |
| 125     | 97,0                 | 14,0    | 4000    | 4      | 4,660     | TTRE125S4  |



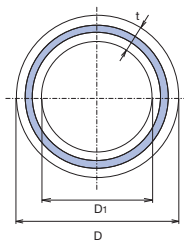
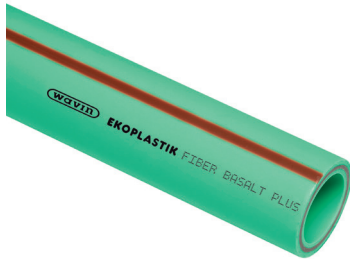
**Pipe Ekoplastik Stabi Plus 16-63 mm S 3,2 / SDR 7,4 / PN 28 (calculation)  
Pipe Ekoplastik Stabi Plus 75-110 mm S 4 / SDR 9 / PN 22 (calculation)**

| D<br>mm | D <sub>1</sub><br>mm | D <sub>e</sub><br>mm | t<br>mm | l<br>mm | ⊞<br>m | ⚖<br>kg/m | CODE       |
|---------|----------------------|----------------------|---------|---------|--------|-----------|------------|
| 16      | 11,4                 | 17,9                 | 2,2     | 4000    | 120    | 0,137     | TTRS016RCT |
| 20      | 14,4                 | 21,9                 | 2,8     | 4000    | 80     | 0,207     | TTRS020RCT |
| 25      | 18,0                 | 26,9                 | 3,5     | 4000    | 60     | 0,298     | TTRS025RCT |
| 32      | 23,2                 | 33,9                 | 4,4     | 4000    | 40     | 0,465     | TTRS032RCT |
| 40      | 29,0                 | 41,9                 | 5,5     | 4000    | 20     | 0,692     | TTRS040RCT |
| 50      | 36,2                 | 52,0                 | 6,9     | 4000    | 16     | 1,046     | TTRS050RCT |
| 63      | 45,8                 | 65,0                 | 8,6     | 4000    | 8      | 1,587     | TTRS063RCT |
| 75      | 58,2                 | 77,0                 | 8,4     | 4000    | 8      | 1,860     | TTRS075RCT |
| 90      | 69,8                 | 92,0                 | 10,1    | 4000    | 4      | 2,673     | TTRS090RCT |
| 110     | 85,4                 | 112,0                | 12,3    | 4000    | 4      | 4,022     | TTRS110RCT |

∅ 16 - 110 with perforated aluminum foil

# Catalogue of Products

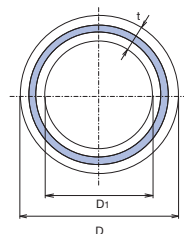
## Standard Products for Potable (Cold) and Hot Water and for Heating (I.)



Pipe Ekoplastik Fiber Basalt Plus 20-63 mm S 3,2 / SDR 7,4 / PN 28 (calculation)  
 Pipe Ekoplastik Fiber Basalt Plus 75-125 mm S 4 / SDR 9 / PN 22 (calculation)

| D mm  | D <sub>1</sub> mm | t mm | l mm | ⊞ m | kg/m  | CODE         |
|-------|-------------------|------|------|-----|-------|--------------|
| 20    | 14,4              | 2,8  | 4000 | 100 | 0,153 | TTRFB020TRCT |
| 25    | 18,0              | 3,5  | 4000 | 60  | 0,239 | TTRFB025TRCT |
| 32    | 23,2              | 4,4  | 4000 | 40  | 0,385 | TTRFB032TRCT |
| 40    | 29,0              | 5,5  | 4000 | 24  | 0,599 | TTRFB040TRCT |
| 50    | 36,2              | 6,9  | 4000 | 16  | 0,941 | TTRFB050TRCT |
| 63    | 45,8              | 8,6  | 4000 | 12  | 1,471 | TTRFB063TRCT |
| 75    | 58,2              | 8,4  | 4000 | 8   | 1,764 | TTRFB075TRCT |
| 90    | 69,8              | 10,1 | 4000 | 4   | 2,546 | TTRFB090TRCT |
| 110   | 85,4              | 12,3 | 4000 | 4   | 3,781 | TTRFB110TRCT |
| ⊞ 125 | 97,0              | 14,0 | 4000 | 4   | 4,891 | TTRFB125TRCT |

⊞ job-order manufacture, delivery date 30 days



Pipe Ekoplastik Fiber Basalt Clima 20-25 mm S 4 / SDR 9 / PN 22 (calculation)  
 Pipe Ekoplastik Fiber Basalt Clima 32-125 mm S 5 / SDR 11 / PN 18 (calculation)

| D mm  | D <sub>1</sub> mm | t mm | l mm | ⊞ m | kg/m  | CODE          |
|-------|-------------------|------|------|-----|-------|---------------|
| 20    | 15,4              | 2,3  | 4000 | 100 | 0,128 | TTRFBC020TRCT |
| 25    | 19,4              | 2,8  | 4000 | 60  | 0,199 | TTRFBC025TRCT |
| 32    | 26,2              | 2,9  | 4000 | 40  | 0,269 | TTRFBC032TRCT |
| 40    | 32,6              | 3,7  | 4000 | 24  | 0,428 | TTRFBC040TRCT |
| 50    | 40,8              | 4,6  | 4000 | 16  | 0,664 | TTRFBC050TRCT |
| 63    | 51,4              | 5,8  | 4000 | 12  | 1,050 | TTRFBC063TRCT |
| ⊞ 75  | 61,4              | 6,8  | 4000 | 8   | 1,501 | TTRFBC075TRCT |
| ⊞ 90  | 73,6              | 8,2  | 4000 | 4   | 2,122 | TTRFBC090TRCT |
| ⊞ 110 | 90,0              | 10,0 | 4000 | 4   | 3,160 | TTRFBC110TRCT |
| ⊞ 125 | 102,2             | 11,4 | 4000 | 4   | 4,082 | TTRFBC125TRCT |

⊞ job-order manufacture, delivery date 30 days

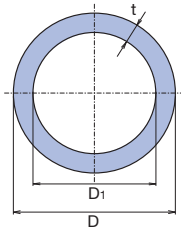


Pipe in Coil



| D<br>mm | S<br>mm  | SDR<br>mm | t<br>mm | l<br>m  | ☒ | kg/m  | CODE<br>100 m | CODE<br>200 m |
|---------|----------|-----------|---------|---------|---|-------|---------------|---------------|
| 16      | 3,2 (16) | 7,4       | 2,2     | 100     | 1 | 0,094 | TTRK016P17    |               |
| 20      | 5,0 (10) | 11        | 2,2     | 100/200 | 1 | 0,121 | TTRK020P11    | TTRK020P10    |
| 20      | 3,2 (16) | 5,4       | 2,8     | 100/200 | 1 | 0,145 | TTRK020P17    | TTRK020P16    |
| 16      | 2,5 (20) | 6         | 2,7     | 100/200 | 1 | 0,107 | TTRK016P21    | TTRK016P20    |
| 20      | 2,5 (20) | 6         | 3,4     | 100/200 | 1 | 0,169 | TTRK020P21    | TTRK020P20    |

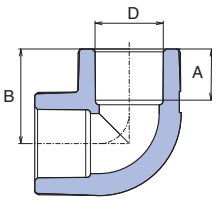
job-order manufacture, delivery date 30 days



# Catalogue of Products

## Standard Products for Potable (Cold) and Hot Water and for Heating (I.)

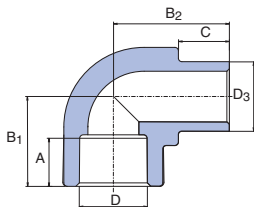
### Elbow 90 °



| D<br>mm | A<br>mm | B<br>mm | 📦<br>I. | 📦<br>II. | ⚖️<br>kg/pc | CODE        |
|---------|---------|---------|---------|----------|-------------|-------------|
| 16      | 13,0    | 23,2    | 50      | 250      | 0,010       | TKO01690XX  |
| 20      | 14,5    | 26,8    | 50      | 500      | 0,018       | TKO02090XX  |
| 25      | 16,0    | 31,0    | 50      | 250      | 0,030       | TKO02590XX  |
| 32      | 18,0    | 36,5    | 25      | 150      | 0,056       | TKO03290XX  |
| 40      | 20,5    | 43,0    | 10      | 70       | 0,066       | TKO04090RCT |
| 50      | 23,5    | 51,0    | 10      | 40       | 0,125       | TKO05090RCT |
| 63      | 27,5    | 60,0    | 5       | 15       | 0,240       | TKO06390RCT |
| 75      | 30,0    | 70,1    | 2       | 6        | 0,558       | TKO07590RCT |
| 90      | 33,0    | 82,0    | 1       | 5        | 1,010       | TKO09090RCT |
| 110     | 37,0    | 95,0    | 1       | 1        | 1,344       | TKO11090RCT |
| ⊕ 125   | 40,0    | 105,0   | 1       | 1        | 1,640       | TKO12590RCT |

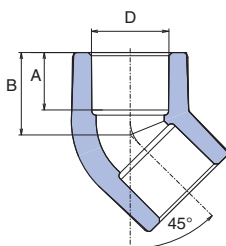
⊕ Information about delivery on request

### Elbow 90 ° Internal / External



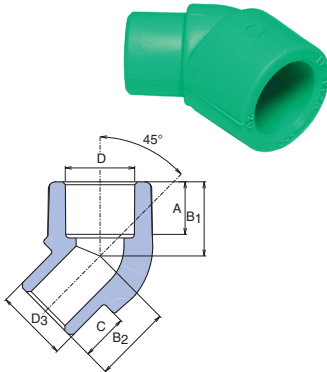
| D, D3<br>mm | A<br>mm | B1<br>mm | B2<br>mm | C<br>mm | 📦<br>I. | 📦<br>II. | ⚖️<br>kg/pc | CODE       |
|-------------|---------|----------|----------|---------|---------|----------|-------------|------------|
| 20          | 14,5    | 26,8     | 30,3     | 13,0    | 50      | 250      | 0,014       | TKO120XXXX |
| 25          | 16,0    | 31,0     | 35,0     | 14,0    | 50      | 200      | 0,024       | TKO125XXXX |
| 32          | 18,0    | 36,5     | 42,2     | 16,0    | 25      | 100      | 0,044       | TKO132XXXX |

### Elbow 45 °



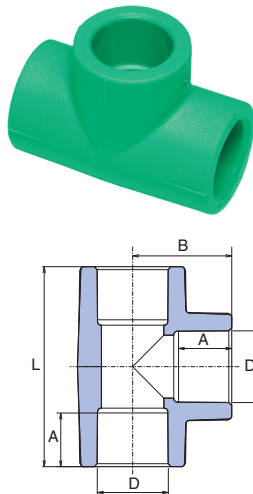
| D<br>mm | A<br>mm | B<br>mm | 📦<br>I. | 📦<br>II. | ⚖️<br>kg/pc | CODE        |
|---------|---------|---------|---------|----------|-------------|-------------|
| 16      | 13,0    | 18,7    | 50      | 50       | 0,008       | TKO01645XX  |
| 20      | 14,5    | 20,8    | 100     | 500      | 0,014       | TKO02045XX  |
| 25      | 16,0    | 24,0    | 50      | 250      | 0,024       | TKO02545XX  |
| 32      | 18,0    | 27,0    | 20      | 80       | 0,042       | TKO03245XX  |
| 40      | 20,5    | 31,5    | 5       | 25       | 0,052       | TKO04045RCT |
| 50      | 23,5    | 36,5    | 5       | 20       | 0,092       | TKO05045RCT |
| 63      | 27,5    | 43,0    | 5       | 10       | 0,188       | TKO06345RCT |
| 75      | 30,0    | 48,1    | 2       | 6        | 0,272       | TKO07545RCT |
| 90      | 33,0    | 54,1    | 1       | 6        | 0,654       | TKO09045RCT |
| 110     | 37,0    | 62,1    | 1       | 1        | 0,965       | TKO11045RCT |
| 125     | 40,0    | 69,8    | 1       | 3        | 1,048       | TKO12545RCT |

### Elbow 45° Internal / External



| D<br>mm | D <sub>3</sub><br>mm | A<br>mm | B <sub>1</sub><br>mm | B <sub>2</sub><br>mm | C<br>mm | ⊞<br>I. | ⊞<br>II. | ⚖<br>kg/pc | CODE       |
|---------|----------------------|---------|----------------------|----------------------|---------|---------|----------|------------|------------|
| 16      | 16                   | 13,0    | 18,7                 | 18,7                 | 12,0    | 50      | 50       | 0,008      | TKO11645XX |
| 20      | 20                   | 14,5    | 20,8                 | 21,5                 | 13,0    | 10      | 100      | 0,012      | TKO12045XX |
| 25      | 25                   | 16,0    | 24,0                 | 24,0                 | 14,0    | 10      | 100      | 0,026      | TKO12545XX |

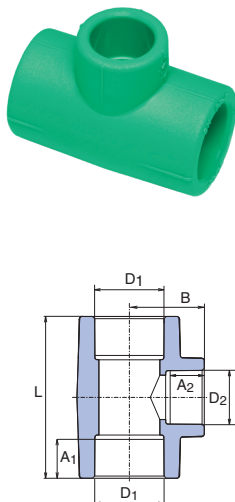
### Tee



| D<br>mm | A<br>mm | B<br>mm | L<br>mm | ⊞<br>I. | ⊞<br>II. | ⚖<br>kg/pc | CODE       |
|---------|---------|---------|---------|---------|----------|------------|------------|
| 16      | 13,0    | 23,2    | 46,4    | 50      | 50       | 0,012      | TTK016XXXX |
| 20      | 14,5    | 27,0    | 54,0    | 50      | 300      | 0,022      | TTK020XXXX |
| 25      | 16,0    | 32,0    | 60,0    | 50      | 200      | 0,038      | TTK025XXXX |
| 32      | 18,0    | 35,7    | 70,0    | 20      | 100      | 0,070      | TTK032XXXX |
| 40      | 20,5    | 38,5    | 86,2    | 10      | 50       | 0,124      | TTK040RCTX |
| 50      | 23,5    | 51,0    | 102,0   | 5       | 30       | 0,196      | TTK050RCTX |
| 63      | 27,5    | 61,5    | 123,0   | 5       | 15       | 0,430      | TTK063RCTX |
| 75      | 30,0    | 70,1    | 140,2   | 1       | 5        | 0,644      | TTK075RCTX |
| 90      | 33,0    | 83,1    | 166,2   | 1       | 1        | 1,134      | TTK090RCTX |
| 110     | 37,0    | 99,1    | 198,2   | 1       | 1        | 1,962      | TTK110RCTX |
| ⊕ 125   | 40,0    | 105,0   | 210,0   | 1       | 1        | 2,030      | TTK125RCTX |

⊕ Information about delivery on request

### Reducing Tee

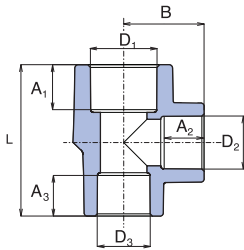


| D <sub>1</sub><br>mm | D <sub>2</sub><br>mm | A <sub>1</sub><br>mm | A <sub>2</sub><br>mm | L<br>mm | B<br>mm | ⊞<br>I. | ⊞<br>II. | ⚖<br>kg/pc | CODE         |
|----------------------|----------------------|----------------------|----------------------|---------|---------|---------|----------|------------|--------------|
| 20                   | 16                   | 14,5                 | 13,0                 | 53,0    | 23,0    | 50      | 50       | 0,018      | TTKR02016X   |
| 25                   | 20                   | 16,0                 | 14,5                 | 55,0    | 29,0    | 50      | 200      | 0,032      | TTKR02520X   |
| 32                   | 20                   | 18,0                 | 14,5                 | 67,0    | 34,4    | 50      | 150      | 0,052      | TTKR03220X   |
| 32                   | 25                   | 18,0                 | 16,0                 | 73,0    | 34,4    | 25      | 100      | 0,062      | TTKR03225X   |
| 40                   | 20                   | 20,5                 | 14,5                 | 66,0    | 37,0    | 20      | 60       | 0,056      | TTKR04020RCT |
| 40                   | 25                   | 20,5                 | 16,0                 | 71,0    | 38,5    | 10      | 50       | 0,062      | TTKR04025RCT |
| 40                   | 32                   | 20,5                 | 18,0                 | 78,0    | 41,5    | 10      | 40       | 0,071      | TTKR04032RCT |
| 50                   | 25                   | 23,5                 | 16,0                 | 77,0    | 43,0    | 5       | 15       | 0,104      | TTKR05025RCT |
| 50                   | 32                   | 23,5                 | 18,0                 | 84,0    | 46,0    | 5       | 30       | 0,136      | TTKR05032RCT |
| 50                   | 40                   | 23,5                 | 20,5                 | 92,0    | 48,0    | 5       | 15       | 0,132      | TTKR05040RCT |
| 63                   | 25                   | 27,5                 | 16,0                 | 85,0    | 49,9    | 5       | 10       | 0,167      | TTKR06325RCT |
| 63                   | 32                   | 27,5                 | 18,0                 | 92,0    | 52,0    | 5       | 15       | 0,195      | TTKR06332RCT |
| 63                   | 40                   | 27,5                 | 20,5                 | 100,0   | 54,6    | 5       | 15       | 0,230      | TTKR06340RCT |
| 63                   | 50                   | 27,5                 | 23,5                 | 110,0   | 57,2    | 5       | 15       | 0,360      | TTKR06350RCT |
| 75                   | 40                   | 30,0                 | 20,5                 | 115,4   | 63,5    | 1       | 15       | 0,360      | TTKR07540RCT |
| 90                   | 75                   | 33,0                 | 30,0                 | 146,2   | 77,7    | 1       | 15       | 0,605      | TTKR09075RCT |

# Catalogue of Products

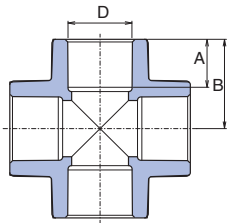
## Standard Products for Potable (Cold) and Hot Water and for Heating (I.)

### Reducing Tee



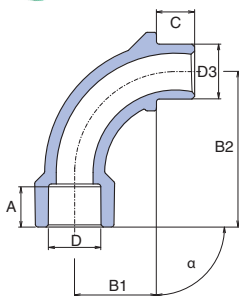
| D1<br>mm | D2<br>mm | D3<br>mm | A1<br>mm | A2<br>mm | A3<br>mm | L<br>mm | B<br>mm | ⊞<br>I. | ⊞<br>II. | kg/pc | CODE        |
|----------|----------|----------|----------|----------|----------|---------|---------|---------|----------|-------|-------------|
| 25       | 20       | 20       | 16,0     | 14,5     | 14,5     | 55,2    | 29,3    | 10      | 50       | 0,028 | TTKR0252020 |
| 32       | 20       | 20       | 18,0     | 14,5     | 14,5     | 57,3    | 32,8    | 10      | 50       | 0,040 | TTKR0322020 |
| 32       | 20       | 25       | 18,0     | 14,5     | 16,0     | 58,9    | 32,8    | 10      | 50       | 0,044 | TTKR0322520 |
| 32       | 25       | 25       | 18,0     | 18,0     | 16,0     | 66,0    | 34,4    | 10      | 50       | 0,052 | TTKR0322525 |

### Cross Piece



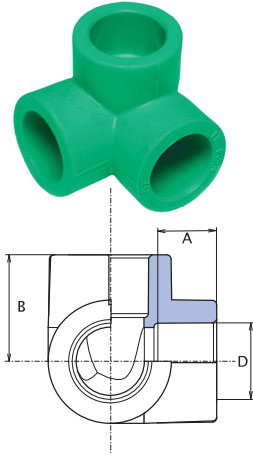
| D3<br>mm | A<br>mm | B1<br>mm | ⊞<br>I. | ⊞<br>II. | kg/pc | CODE       |
|----------|---------|----------|---------|----------|-------|------------|
| 20       | 14,5    | 26,3     | 25      | 25       | 0,024 | TKRI020XXX |
| 25       | 16,0    | 30,1     | 25      | 25       | 0,042 | TKRI025XXX |
| 32       | 18,0    | 35,0     | 10      | 40       | 0,070 | TKRI032XXX |
| 40       | 20,5    | 42,0     | 10      | 30       | 0,128 | TKRI040XXX |

### Bend



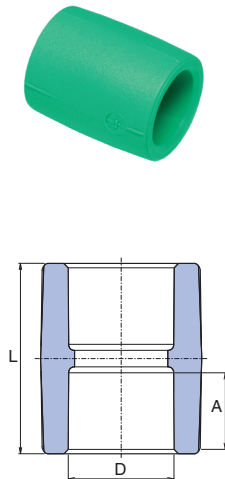
| D<br>mm | D3<br>mm | A<br>mm | B1<br>mm | B2<br>mm | C<br>mm | α   | ⊞<br>I. | ⊞<br>II. | kg/pc | CODE       |
|---------|----------|---------|----------|----------|---------|-----|---------|----------|-------|------------|
| 20      | 20       | 14,5    | 37,0     | 56,0     | 13,6    | 90° | 25      | 100      | 0,022 | TO02090XXX |
| 25      | 25       | 16,0    | 45,0     | 67,0     | 14,6    | 90° | 10      | 100      | 0,036 | TO02590XXX |

### Three-Way Elbow



| D<br>mm | A<br>mm | B<br>mm | ⊠<br>I. | ⊠<br>II. | ⚖<br>kg/pc | CODE       |
|---------|---------|---------|---------|----------|------------|------------|
| 20      | 14,5    | 26,8    | 10      | 50       | 0,020      | TKOT020XXX |
| 25      | 16,0    | 29,5    | 10      | 40       | 0,032      | TKOT025XXX |
| 32      | 18,0    | 35,0    | 5       | 20       | 0,062      | TKOT032XXX |
| 40      | 20,5    | 41,5    | 5       | 15       | 0,108      | TKOT040XXX |

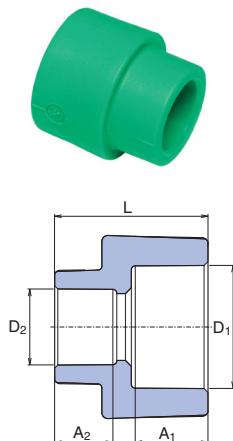
### Socket



| D<br>mm | A<br>mm | L<br>mm | ⊠<br>I. | ⊠<br>II. | ⚖<br>kg/pc | CODE       |
|---------|---------|---------|---------|----------|------------|------------|
| 16      | 13,0    | 33,0    | 50      | 50       | 0,006      | TNA016XXXX |
| 20      | 14,5    | 34,6    | 50      | 500      | 0,010      | TNA020XXXX |
| 25      | 16,0    | 37,8    | 50      | 250      | 0,018      | TNA025XXXX |
| 32      | 18,0    | 40,0    | 25      | 150      | 0,034      | TNA032XXXX |
| 40      | 20,5    | 48,0    | 20      | 80       | 0,041      | TNA040RCTX |
| 50      | 23,5    | 54,0    | 10      | 70       | 0,061      | TNA050RCTX |
| 63      | 27,5    | 63,0    | 5       | 30       | 0,127      | TNA063RCTX |
| 75      | 30,0    | 73,4    | 1       | 5        | 0,314      | TNA075RCTX |
| 90      | 33,0    | 79,2    | 1       | 1        | 0,470      | TNA090RCTX |
| 110     | 37,0    | 88,2    | 1       | 1        | 0,782      | TNA110RCTX |
| ⊕ 125   | 40,0    | 86,0    | 1       | 1        | 0,745      | TNA125RCTX |

⊕ Information about delivery on request

### Reducer

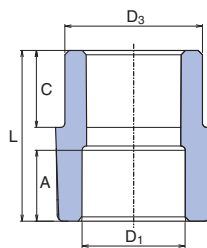


| D1<br>mm | D2<br>mm | A1<br>mm | D2<br>mm | L<br>mm | ⊠<br>I. | ⊠<br>II. | ⚖<br>kg/pc | CODE       |
|----------|----------|----------|----------|---------|---------|----------|------------|------------|
| 25       | 20       | 16,0     | 14,5     | 34,0    | 50      | 450      | 0,014      | TRE02520XX |
| 32       | 20       | 18,0     | 14,5     | 39,0    | 50      | 250      | 0,026      | TRE03220XX |
| 32       | 25       | 18,0     | 16,0     | 39,5    | 50      | 250      | 0,028      | TRE03225XX |

# Catalogue of Products

## Standard Products for Potable (Cold) and Hot Water and for Heating (I.)

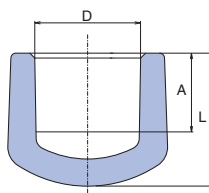
### Reducer Internal / External



| D <sub>3</sub><br>mm | D <sub>1</sub><br>mm | A<br>mm | L<br>mm | C<br>mm | ☐<br>I. | ☐<br>II. | ⚖<br>kg/pc | CODE          |
|----------------------|----------------------|---------|---------|---------|---------|----------|------------|---------------|
| 20                   | 16                   | 13,0    | 32,5    | 13,0    | 50      | 50       | 0,006      | TRE12016XX    |
| 25                   | 20                   | 14,5    | 34,0    | 14,0    | 50      | 500      | 0,010      | TRE12520XX    |
| 32                   | 20                   | 14,5    | 40,0    | 16,0    | 50      | 200      | 0,016      | TRE13220XX    |
| 32                   | 25                   | 16,0    | 39,5    | 16,0    | 50      | 300      | 0,018      | TRE13225XX    |
| 40                   | 20                   | 14,5    | 36,3    | 18,5    | 10      | 50       | 0,021      | TRE14020XX    |
| 40                   | 25                   | 16,0    | 38,3    | 18,5    | 10      | 50       | 0,022      | TRE14025XX    |
| 40                   | 32                   | 18,0    | 41,3    | 18,5    | 20      | 60       | 0,023      | TRE14032RCT   |
| 50                   | 25                   | 16,0    | 41,3    | 21,3    | 10      | 50       | 0,035      | TRE15025RCT   |
| 50                   | 32                   | 18,0    | 43,3    | 22,0    | 10      | 50       | 0,035      | TRE15032RCT   |
| 50                   | 40                   | 20,5    | 43,3    | 22,0    | 10      | 50       | 0,035      | TRE15040RCT   |
| 63                   | 25                   | 16,0    | 45,3    | 25,3    | 5       | 10       | 0,060      | TRE16325RCT   |
| 63                   | 32                   | 18,0    | 47,3    | 25,3    | 5       | 10       | 0,056      | TRE16332RCT   |
| 63                   | 40                   | 20,5    | 44,3    | 25,3    | 5       | 10       | 0,058      | TRE16340RCT   |
| 63                   | 50                   | 23,5    | 54,0    | 25,3    | 5       | 10       | 0,076      | TRE16350RCT   |
| 75                   | 40                   | 20,5    | 64,5    | 28,9    | 5       | 20       | 0,116      | TRE17540RCT   |
| 75                   | 50                   | 23,5    | 64,5    | 28,9    | 5       | 20       | 0,120      | TRE17550RCT   |
| 75                   | 63                   | 27,5    | 71,5    | 28,9    | 1       | 5        | 0,210      | TRE17563RCT   |
| 90                   | 63                   | 27,5    | 64,5    | 33,4    | 1       | 1        | 0,221      | TRE19063RCT   |
| 90                   | 75                   | 30,0    | 78,0    | 33,4    | 1       | 1        | 0,290      | TRE19075RCT   |
| 110                  | 75                   | 30,0    | 60,0    | 39,4    | 1       | 1        | 0,268      | TRE111075RCT  |
| 110                  | 90                   | 33,0    | 87,0    | 39,4    | 1       | 1        | 0,502      | TRE111090RCT  |
| ⊙125                 | 110                  | 40,0    | 100,3   | 42,4    | 1       | 1        | 0,678      | TRE1125110RCT |

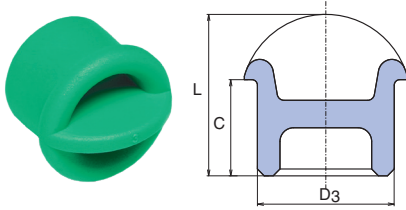
⊙ Information about delivery on request

### End Plug



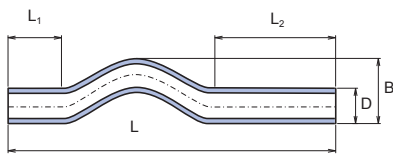
| D<br>mm | A<br>mm | B<br>mm | ☐<br>I. | ☐<br>II. | ⚖<br>kg/pc | CODE       |
|---------|---------|---------|---------|----------|------------|------------|
| 16      | 13,5    | 20,9    | 50      | 50       | 0,004      | TZA016XXXX |
| 20      | 14,5    | 24,5    | 50      | 150      | 0,008      | TZA020XXXX |
| 25      | 16,0    | 28,0    | 50      | 150      | 0,014      | TZA025XXXX |
| 32      | 18,0    | 33,0    | 20      | 100      | 0,026      | TZA032XXXX |
| 40      | 20,5    | 34,0    | 5       | 25       | 0,032      | TZA040XXXX |
| 50      | 23,5    | 49,0    | 5       | 25       | 0,061      | TZA050XXXX |
| 63      | 27,5    | 46,5    | 5       | 25       | 0,105      | TZA063XXXX |
| 75      | 30,0    | 60,0    | 5       | 5        | 0,262      | TZA075XXXE |
| 90      | 33,0    | 69,0    | 1       | 1        | 0,425      | TZA090XXXX |
| 110     | 37,0    | 79,0    | 1       | 1        | 0,715      | TZA110EXXX |

### End Plug Internal



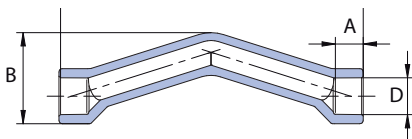
| D <sub>3</sub><br>mm | C<br>mm | L<br>mm | ☒<br>I. | ☒<br>II. | ⚖<br>kg/pc | CODE       |
|----------------------|---------|---------|---------|----------|------------|------------|
| 20,0                 | 14,3    | 23,5    | 40      | 160      | 0,004      | TZA120XXXE |

### Crossover S 2,5 / PN 20 / SDR 6



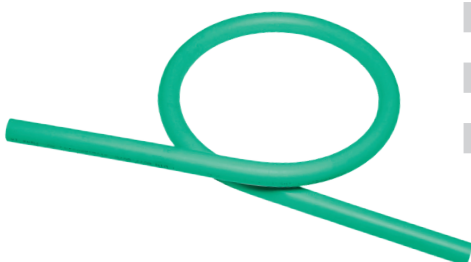
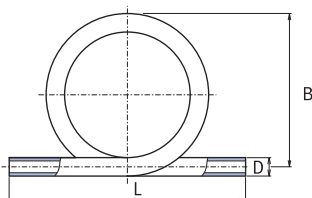
| D <sub>3</sub><br>mm | S<br>(PN20) | B<br>mm | L<br>mm | L <sub>1</sub><br>mm | L <sub>2</sub><br>mm | ☒<br>I. | ☒<br>II. | ⚖<br>kg/pc | CODE       |
|----------------------|-------------|---------|---------|----------------------|----------------------|---------|----------|------------|------------|
| 16                   | 2,5 (20)    | 35,0    | 400,0   | 80,0                 | 180,0                | 10      | 10       | 0,044      | TKR016P20X |
| 20                   | 2,5 (20)    | 47,0    | 400,0   | 80,0                 | 180,0                | 10      | 50       | 0,070      | TKR020P20X |
| 25                   | 2,5 (20)    | 52,0    | 400,0   | 80,0                 | 120,0                | 10      | 50       | 0,110      | TKR025P20X |
| 32                   | 2,5 (20)    | 65,0    | 390,0   | 64,0                 | 106,0                | 5       | 20       | 0,174      | TKR032P20X |
| 40                   | 2,5 (20)    | 65,0    | 390,0   | 64,0                 | 106,0                | 5       | 20       | 0,268      | TKR040P20X |

### Crossover with Socket



| D<br>mm | S<br>(PN20) | A<br>mm | B<br>mm | L<br>mm | ☒<br>I. | ☒<br>II. | ⚖<br>kg/pc | CODE       |
|---------|-------------|---------|---------|---------|---------|----------|------------|------------|
| 20      | 2,5 (20)    | 14,5    | 33,4    | 160,0   | 10      | 50       | 0,041      | TKRH020P20 |
| 25      | 2,5 (20)    | 16,0    | 44,2    | 200,0   | 10      | 50       | 0,089      | TKRH025P20 |

### Compensation Pipe S 2,5 / PN 20 / SDR 6

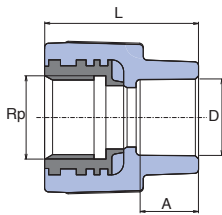


| D<br>mm | S<br>(PN20) | B<br>mm | L<br>mm | ☒<br>I. | ⚖<br>kg/pc | CODE       |
|---------|-------------|---------|---------|---------|------------|------------|
| 16      | 2,5 (20)    | 185,0   | 320,0   | 10      | 0,090      | TKS016P20X |
| 20      | 2,5 (20)    | 200,0   | 450,0   | 10      | 0,174      | TKS020P20X |
| 25      | 2,5 (20)    | 210,0   | 440,0   | 10      | 0,264      | TKS025P20X |
| 32      | 2,5 (20)    | 230,0   | 410,0   | 5       | 0,430      | TKS032P20X |
| 40      | 2,5 (20)    | 290,0   | 450,0   | 3       | 0,786      | TKS040P20X |

# Catalogue of Products

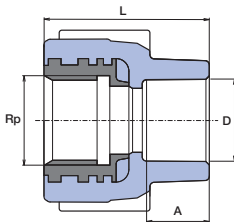
## Standard Products for Potable (Cold) and Hot Water and for Heating (I.)

### Reducing Sleeve with Metal Female Thread



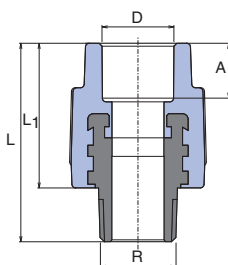
| D<br>mm | Rp<br>mm | A<br>mm | L<br>mm | ⊞<br>I. | ⊞<br>II. | ⚖<br>kg/pc | CODE        |
|---------|----------|---------|---------|---------|----------|------------|-------------|
| 16      | 1/2"     | 13,0    | 38,0    | 10      | 50       | 0,050      | TZI01620XX  |
| 20      | 1/2"     | 14,5    | 39,0    | 10      | 250      | 0,056      | TZI02020XX  |
| 20      | 3/4"     | 14,5    | 42,0    | 10      | 100      | 0,072      | TZI02025XX  |
| 25      | 1/2"     | 16,0    | 40,5    | 10      | 50       | 0,062      | TZI02520XX  |
| 25      | 3/4"     | 16,0    | 47,0    | 10      | 100      | 0,075      | TZI02525XX  |
| 32      | 3/4"     | 18,0    | 45,0    | 10      | 30       | 0,081      | TZI03225EX  |
| 32      | 1"       | 18,0    | 57,0    | 10      | 60       | 0,148      | TZI03232OK  |
| 40      | 5/4"     | 20,5    | 65,0    | 5       | 10       | 0,260      | TZI04040XX  |
| 50      | 6/4"     | 23,5    | 69,0    | 4       | 4        | 0,328      | TZI05050XX  |
| 63      | 2"       | 27,5    | 76,0    | 2       | 2        | 0,616      | TZI06363XX  |
| 75      | 2½"      | 28,0    | 65,5    | 1       | 8        | 0,676      | TZI07575RCT |
| 90      | 3        | 32,0    | 90,0    | 1       | 6        | 0,954      | TZI09090RCT |

### Reducing Sleeve with Metal Female Thread with Cross



| D<br>mm | Rp<br>mm | A<br>mm | L<br>mm | ⊞<br>I. | ⊞<br>II. | ⚖<br>kg/pc | CODE       |
|---------|----------|---------|---------|---------|----------|------------|------------|
| 20      | 1/2"     | 14,5    | 42,0    | 10      | 100      | 0,058      | TZI02020KX |

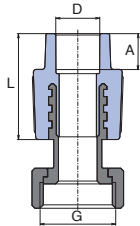
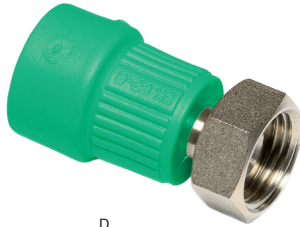
### Reducing Sleeve with Metal Male Thread



| D<br>mm | Rp<br>mm | A<br>mm | L<br>mm | L <sub>1</sub><br>mm | ⊞<br>I. | ⊞<br>II. | ⚖<br>kg/pc | CODE        |
|---------|----------|---------|---------|----------------------|---------|----------|------------|-------------|
| 16      | 1/2"     | 13,0    | 52,0    | 37,5                 | 10      | 50       | 0,064      | TZE01620XX  |
| 20      | 1/2"     | 14,5    | 53,5    | 39,0                 | 10      | 150      | 0,062      | TZE02020XX  |
| 20      | 3/4"     | 14,5    | 58,0    | 40,0                 | 10      | 100      | 0,096      | TZE02025XX  |
| 25      | 1/2"     | 16,0    | 55,5    | 41,0                 | 10      | 60       | 0,066      | TZE02520XX  |
| 25      | 3/4"     | 16,0    | 59,0    | 41,0                 | 20      | 100      | 0,098      | TZE02525XX  |
| 32      | 3/4"     | 18,0    | 60,0    | 44,0                 | 10      | 30       | 0,105      | TZE03225XX  |
| 32      | 1"       | 18,0    | 62,5    | 46,0                 | 10      | 60       | 0,170      | TZE03232XX  |
| 32      | 1"       | 18,0    | 69,5    | 42,0                 | 10      | 60       | 0,204      | TZE03232OK  |
| 40      | 5/4"     | 20,5    | 80,0    | 48,0                 | 5       | 10       | 0,312      | TZE04040XX  |
| 50      | 6/4"     | 23,5    | 81,6    | 54,0                 | 4       | 4        | 0,460      | TZE05050XX  |
| 63      | 2"       | 27,5    | 101,0   | 63,5                 | 2       | 2        | 0,758      | TZE06363XX  |
| 75      | 2½"      | 30,0    | 110,0   | 69,7                 | 1       | 1        | 1,150      | TZE07575RCT |
| 90      | 3"       | 33,0    | 130,0   | 85,0                 | 1       | 1        | 1,774      | TZE09090RCT |



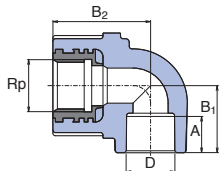
### Metal Reducer with Cap Nut



| D<br>mm | G    | A<br>mm | L<br>mm | ⊞<br>I. | ⊞<br>II. | ⚖<br>kg/pc | CODE       |
|---------|------|---------|---------|---------|----------|------------|------------|
| 16      | 1/2" | 13,0    | 32,0    | 10      | 10       | 0,044      | TZM01620XX |
| 16      | 3/4" | 13,0    | 32,0    | 10      | 10       | 0,082      | TZM01625XX |
| 20      | 1/2" | 14,5    | 40,0    | 20      | 100      | 0,048      | TZM02020XX |
| 20      | 3/4" | 14,5    | 39,0    | 20      | 100      | 0,082      | TZM02025XX |
| 20      | 1"   | 14,5    | 39,0    | 5       | 10       | 0,152      | TZM02032XX |
| 25      | 3/4" | 16,0    | 41,1    | 20      | 100      | 0,086      | TZM02525XX |
| 25      | 1"   | 16,0    | 41,0    | 4       | 4        | 0,154      | TZM02532XX |
| 32      | 5/4" | 18,0    | 48,0    | 2       | 2        | 0,254      | TZM03240XX |
| ⊞ PMD   |      |         |         |         |          |            |            |
| 20      | 3/4" | 14,5    | 39,0    | 10      | 10       | 0,084      | TZMD02025X |

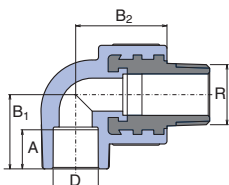
⊞ PMD – cap nut with the hole for the seal

### Elbow 90° with Metal Female Thread



| D<br>mm | Rp<br>mm | A<br>mm | B <sub>1</sub><br>mm | B <sub>2</sub><br>mm | ⊞<br>I. | ⊞<br>II. | ⚖<br>kg/pc | CODE       |
|---------|----------|---------|----------------------|----------------------|---------|----------|------------|------------|
| 16      | 1/2"     | 13,0    | 25,2                 | 31,0                 | 10      | 50       | 0,062      | TKOI01620X |
| 20      | 1/2"     | 14,5    | 27,0                 | 34,5                 | 10      | 100      | 0,062      | TKOI02020X |
| 20      | 3/4"     | 14,5    | 27,0                 | 40,0                 | 10      | 50       | 0,082      | TKOI02025X |
| 25      | 1/2"     | 16,0    | 31,0                 | 36,0                 | 10      | 50       | 0,070      | TKOI02520E |
| 25      | 3/4"     | 16,0    | 30,0                 | 41,0                 | 10      | 100      | 0,090      | TKOI02525X |
| 32      | 1"       | 18,0    | 36,0                 | 51,0                 | 10      | 50       | 0,168      | TKOI03232X |

### Elbow 90° with Metal Male Thread

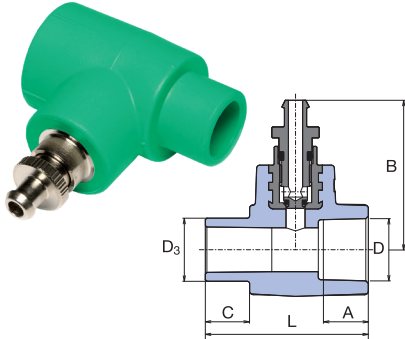


| D<br>mm | Rp<br>mm | A<br>mm | B <sub>1</sub><br>mm | B <sub>2</sub><br>mm | ⊞<br>I. | ⊞<br>II. | ⚖<br>kg/pc | CODE       |
|---------|----------|---------|----------------------|----------------------|---------|----------|------------|------------|
| 16      | 1/2"     | 13,0    | 25,2                 | 31,0                 | 10      | 50       | 0,074      | TKOE01620X |
| 20      | 1/2"     | 14,5    | 27,0                 | 34,5                 | 10      | 100      | 0,074      | TKOE02020X |
| 20      | 3/4"     | 14,5    | 27,0                 | 39,0                 | 10      | 50       | 0,112      | TKOE02025X |
| 25      | 1/2"     | 16,0    | 31,0                 | 36,0                 | 10      | 50       | 0,082      | TKOE02520E |
| 25      | 3/4"     | 16,0    | 30,0                 | 39,0                 | 10      | 80       | 0,116      | TKOE02525X |
| 32      | 1"       | 18,0    | 36,0                 | 41,6                 | 5       | 40       | 0,118      | TKOE03232X |

# Catalogue of Products

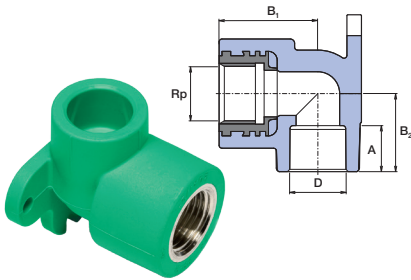
## Standard Products for Potable (Cold) and Hot Water and for Heating (I.)

### Socket with Drain Valve Internal / External



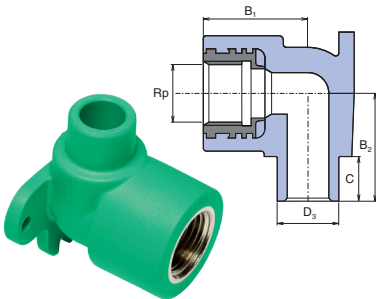
| D<br>mm | D <sub>3</sub><br>mm | A<br>mm | L<br>mm | B<br>mm | C<br>mm | ⊞<br>I. | ⊞<br>II. | ⚖<br>kg/pc | CODE       |
|---------|----------------------|---------|---------|---------|---------|---------|----------|------------|------------|
| 20      | 20                   | 14,5    | 53,0    | 48,0    | 13,0    | 10      | 100      | 0,054      | TNAVV120XX |
| 25      | 25                   | 16,0    | 54,0    | 49,7    | 14,0    | 5       | 150      | 0,064      | TNAVV125XX |
| 32      | 32                   | 18,0    | 59,0    | 53,2    | 16,0    | 5       | 100      | 0,084      | TNAVV132XX |

### Elbow 90° for Wall Mounting



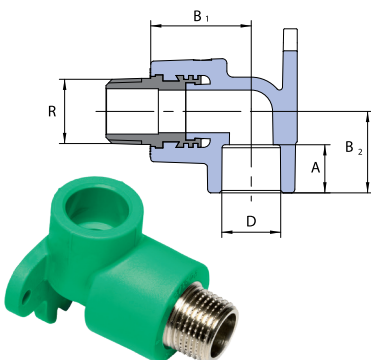
| D<br>mm | R <sub>p</sub> | A<br>mm | B <sub>1</sub><br>mm | B <sub>2</sub><br>mm | ⊞<br>I. | ⊞<br>II. | ⚖<br>kg/pc | CODE       |
|---------|----------------|---------|----------------------|----------------------|---------|----------|------------|------------|
| 16      | 1/2"           | 13,0    | 32,0                 | 23,2                 | 10      | 60       | 0,064      | TNK016XXXX |
| 20      | 1/2"           | 14,5    | 34,0                 | 26,8                 | 10      | 150      | 0,068      | TNK020XXXX |
| 25      | 1/2"           | 16,0    | 36,0                 | 27,5                 | 10      | 50       | 0,072      | TNK02520XX |
| 25      | 3/4"           | 16,0    | 39,0                 | 29,5                 | 10      | 50       | 0,098      | TNK025XXXX |

### Elbow 90° for Wall Mounting Internal / External

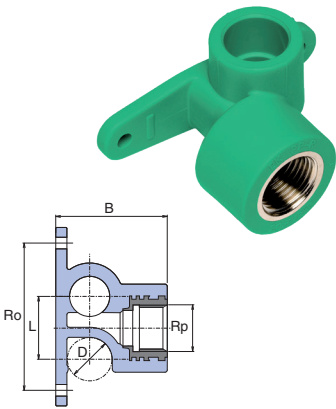


| D <sub>3</sub><br>mm | R <sub>p</sub> | B <sub>1</sub><br>mm | B <sub>2</sub><br>mm | C<br>mm | ⊞<br>I. | ⊞<br>II. | ⚖<br>kg/pc | CODE       |
|----------------------|----------------|----------------------|----------------------|---------|---------|----------|------------|------------|
| 20                   | 1/2"           | 35,0                 | 35,0                 | 11,0    | 10      | 120      | 0,068      | TNK120XXXX |

### Elbow 90° for Wall Mounting with Metal Male Thread

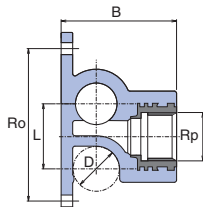


| D<br>mm | R <sub>p</sub> | B <sub>1</sub><br>mm | B <sub>2</sub><br>mm | A<br>mm | ⊞<br>I. | ⊞<br>II. | ⚖<br>kg/pc | CODE       |
|---------|----------------|----------------------|----------------------|---------|---------|----------|------------|------------|
| 20      | 1/2"           | 34,0                 | 32,2                 | 14,5    | 10      | 50       | 0,072      | TNKE02020X |



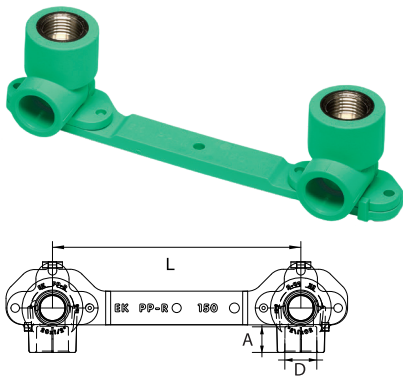
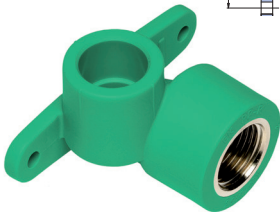
Ending Wall Elbow left

| D<br>mm | Rp   | B<br>mm | Ro<br>mm | L<br>mm | I. | II. | kg/pc | CODE       |
|---------|------|---------|----------|---------|----|-----|-------|------------|
| 20      | 1/2" | 50,0    | 66,0     | 28,5    | 5  | 25  | 0,066 | TNK020KLXX |



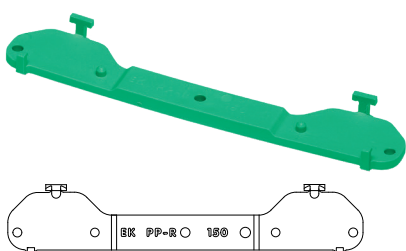
Ending Wall Elbow right

| D<br>mm | Rp   | B<br>mm | Ro<br>mm | L<br>mm | I. | II. | kg/pc | CODE       |
|---------|------|---------|----------|---------|----|-----|-------|------------|
| 20      | 1/2" | 50,0    | 66,0     | 28,5    | 5  | 25  | 0,066 | TNK020KPXX |



Wall Elbows with Holder

| D<br>mm | A<br>mm | L<br>mm | I. | II. | kg/pc | CODE       |
|---------|---------|---------|----|-----|-------|------------|
| 20      | 14,5    | 150     | 10 | 50  | 0,162 | TNKD02020X |

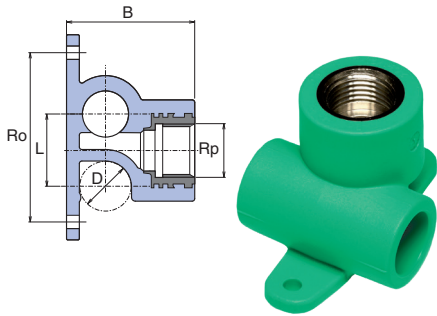


Holder for Wall Elbows

| D<br>mm | L<br>mm | I. | II. | kg/pc | CODE       |
|---------|---------|----|-----|-------|------------|
| 20      | 150     | 10 | 50  | 0,026 | TDNKXXXXXX |

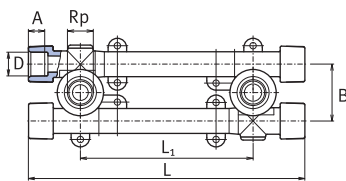
# Catalogue of Products

## Standard Products for Potable (Cold) and Hot Water and for Heating (I.)



Tee with Tap Connector

| D mm | Rp   | B mm | Ro mm | L mm | I. | II. | kg/pc | CODE       |
|------|------|------|-------|------|----|-----|-------|------------|
| 20   | 1/2" | 50,0 | 66,0  | 28,5 | 20 | 100 | 0,080 | TNKP020XXX |
| 25   | 1/2" | 56,0 | 76,0  | 33,5 | 10 | 50  | 0,090 | TNKP02520X |

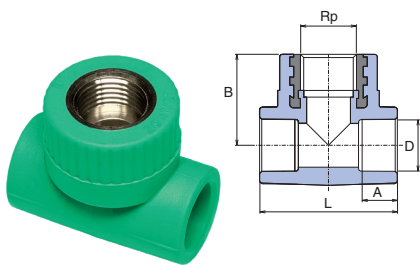


Wall Mounting Group with Tap Connectors

| D mm | Rp   | A mm | B mm | L1 mm       | L mm  | I. | II. | kg/pc | CODE       |
|------|------|------|------|-------------|-------|----|-----|-------|------------|
| 20   | 1/2" | 14,5 | 46,0 | 105/130/145 | 229,0 | 1  | 10  | 0,220 | TNKK020XXX |
| 25   | 1/2" | 16,0 | 51,0 | 110/125/140 | 230,0 | 1  | 10  | 0,268 | TNKK025XXX |

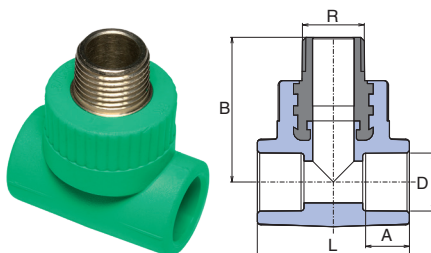


⊙ L1 - extension 100, 135, 150 mm, it is necessary to set right with eccentric parts.



Tee with Metal Female Thread

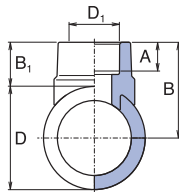
| D mm | Rp   | A mm | L mm | B mm | I. | II. | kg/pc | CODE       |
|------|------|------|------|------|----|-----|-------|------------|
| 20   | 1/2" | 14,5 | 51,5 | 34,0 | 10 | 100 | 0,068 | TTKI02020X |
| 25   | 1/2" | 16,0 | 80,0 | 40,0 | 10 | 100 | 0,076 | TTKI02520X |
| 25   | 3/4" | 16,0 | 80,0 | 40,0 | 5  | 30  | 0,094 | TTKI02525X |
| 32   | 1/2" | 18,0 | 71,0 | 40,5 | 5  | 25  | 0,106 | TTKI03220X |
| 32   | 3/4" | 18,0 | 71,0 | 42,0 | 5  | 25  | 0,118 | TTKI03225E |
| 32   | 1"   | 18,0 | 80,0 | 55,0 | 5  | 20  | 0,186 | TTKI03232X |



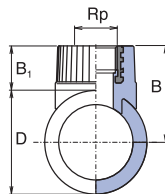
Tee with Metal Male Thread

| D mm | Rp   | A mm | L mm | B mm | I. | II. | kg/pc | CODE       |
|------|------|------|------|------|----|-----|-------|------------|
| 20   | 1/2" | 14,5 | 51,5 | 48,5 | 10 | 100 | 0,080 | TTKE02020X |
| 20   | 3/4" | 14,5 | 60,0 | 50,0 | 5  | 30  | 0,118 | TTKE02025X |
| 25   | 1/2" | 16,0 | 60,0 | 51,0 | 10 | 80  | 0,088 | TTKE02520X |
| 25   | 3/4" | 16,0 | 65,0 | 52,5 | 5  | 25  | 0,122 | TTKE02525X |
| 32   | 3/4" | 18,0 | 71,0 | 58,3 | 5  | 20  | 0,146 | TTKE03225E |
| 32   | 1"   | 18,0 | 80,0 | 60,0 | 5  | 20  | 0,208 | TTKE03232E |

### ALL PLASTIC WELD IN SADDLE

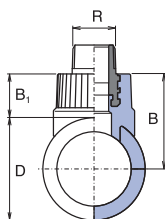


| D<br>mm | D <sub>1</sub><br>mm | A<br>mm | B <sub>1</sub><br>mm | B<br>mm | ⊞<br>I. | ⊞<br>II. | ⚖<br>kg/pc | CODE        |
|---------|----------------------|---------|----------------------|---------|---------|----------|------------|-------------|
| 63      | 32                   | 18,0    | 27,0                 | 58,5    | 10      | 50       | 0,034      | TNS06332RCT |
| 75      | 32                   | 18,0    | 27,0                 | 64,5    | 10      | 50       | 0,032      | TNS07532RCT |
| 90      | 32                   | 18,0    | 27,0                 | 72,0    | 10      | 50       | 0,034      | TNS09032RCT |
| 110     | 32                   | 18,0    | 25,7                 | 80,7    | 5       | 40       | 0,044      | TNS11032RCT |
| 110     | 40                   | 21,0    | 25,7                 | 80,7    | 5       | 40       | 0,048      | TNS11040RCT |
| 125     | 32                   | 18,0    | 22,0                 | 84,5    | 5       | 40       | 0,033      | TNS12532RCT |
| 125     | 40                   | 21,0    | 28,0                 | 90,5    | 5       | 40       | 0,037      | TNS12540RCT |
| 125     | 50                   | 23,5    | 29,5                 | 92,0    | 1       | 5        | 0,042      | TNS12550RCT |
| 125     | 63                   | 27,5    | 37,0                 | 99,5    | 1       | 5        | 0,047      | TNS12563RCT |



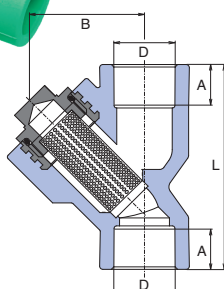
### Weld in Saddle with Metal Female Thread

| D<br>mm | Rp   | B <sub>1</sub><br>mm | B<br>mm | ⊞<br>I. | ⚖<br>kg/pc | CODE       |
|---------|------|----------------------|---------|---------|------------|------------|
| 63      | 3/4" | 27,0                 | 58,5    | 10      | 0,084      | TNSI06325X |
| 75      | 3/4" | 27,0                 | 64,5    | 10      | 0,084      | TNSI07525X |
| 90      | 3/4" | 27,0                 | 72,0    | 10      | 0,084      | TNSI09025X |



### Weld in Saddle with Metal Male Thread

| D<br>mm | Rp   | B <sub>1</sub><br>mm | B<br>mm | ⊞<br>I. | ⚖<br>kg/pc | CODE       |
|---------|------|----------------------|---------|---------|------------|------------|
| 63      | 3/4" | 44,8                 | 76,3    | 10      | 0,112      | TNSE06325X |
| 75      | 3/4" | 44,8                 | 82,3    | 10      | 0,110      | TNSE07525X |
| 90      | 3/4" | 44,8                 | 89,8    | 10      | 0,110      | TNSE09025X |

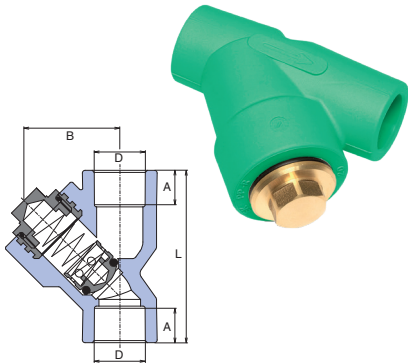


### Filter

| D<br>mm | B<br>mm | L<br>mm | A<br>mm | ⊞<br>I. | ⊞<br>II. | ⚖<br>kg/pc | CODE       |
|---------|---------|---------|---------|---------|----------|------------|------------|
| 20      | 45,0    | 76,0    | 14,5    | 5       | 40       | 0,116      | TFI020XXXX |
| 25      | 45,0    | 82,0    | 16,0    | 5       | 40       | 0,134      | TFI025XXXX |
| 32      | 55,0    | 95,0    | 18,0    | 5       | 40       | 0,234      | TFI032XXXX |

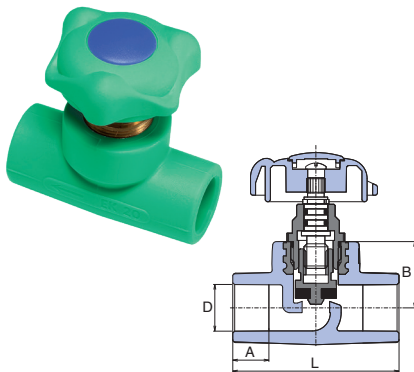
# Catalogue of Products

## Standard Products for Potable (Cold) and Hot Water and for Heating (I.)



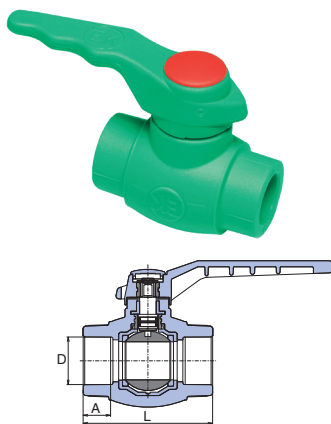
Back Flow Valve

| D<br>mm | B<br>mm | L<br>mm | A<br>mm | ⊠<br>I. | ⊠<br>II. | ⚖️<br>kg/pc | CODE       |
|---------|---------|---------|---------|---------|----------|-------------|------------|
| 20      | 45,0    | 76,0    | 14,5    | 5       | 40       | 0,136       | TZKL020XXX |
| 25      | 45,0    | 82,0    | 16,0    | 5       | 40       | 0,154       | TZKL025XXX |
| 32      | 55,0    | 95,0    | 18,0    | 5       | 40       | 0,266       | TZKL032XXX |



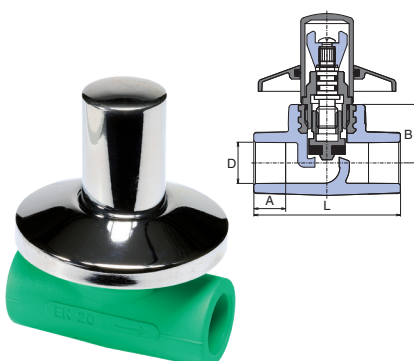
Straight - Way Valve

| D<br>mm | A<br>mm | B<br>mm | L<br>mm | ⊠<br>I. | ⊠<br>II. | ⚖️<br>kg/pc | CODE       |
|---------|---------|---------|---------|---------|----------|-------------|------------|
| 20      | 14,5    | 27,5    | 69,0    | 10      | 50       | 0,140       | TVE020XXXX |
| 25      | 16,0    | 30,0    | 80,0    | 10      | 30       | 0,192       | TVE025XXXX |
| 32      | 18,0    | 39,0    | 89,0    | 5       | 15       | 0,380       | TVE032XXXX |
| 40      | 20,5    | 41,0    | 112,0   | 5       | 5        | 0,542       | TVE040XXXX |
| 50      | 23,5    | 48,0    | 136,0   | 1       | 1        | 0,732       | TVE050XXXX |
| 63      | 27,5    | 60,0    | 162,0   | 1       | 1        | 1,330       | TVE063XXXX |



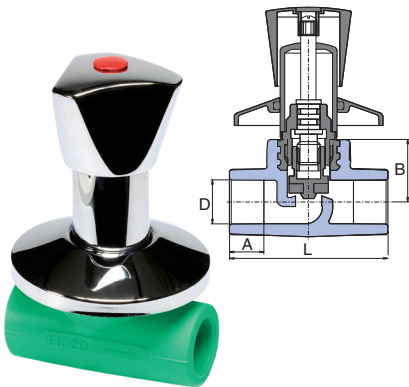
Ball Tap Plastic

| D<br>mm | A<br>mm | L<br>mm | ⊠<br>I. | ⊠<br>II. | ⚖️<br>kg/pc | CODE       |
|---------|---------|---------|---------|----------|-------------|------------|
| 16      | 13,0    | 59,5    | 10      | 50       | 0,092       | TVEK016XXX |
| 20      | 14,5    | 65,0    | 10      | 50       | 0,116       | TVEK020XXX |
| 25      | 16,0    | 71,0    | 10      | 40       | 0,168       | TVEK025XXX |
| 32      | 18,0    | 85,0    | 10      | 20       | 0,294       | TVEK032XXX |
| 40      | 20,5    | 100,0   | 5       | 10       | 0,544       | TVEK040XXX |
| 50      | 23,5    | 115,0   | 1       | 5        | 0,874       | TVEK050XXX |
| 63      | 27,5    | 134,0   | 1       | 5        | 1,278       | TVEK063XXX |



Shut off Valve Straight with Chrome Cover

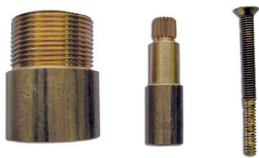
| D<br>mm | A<br>mm | B<br>mm | L<br>mm | ⊠<br>I. | ⊠<br>II. | ⚖️<br>kg/pc | CODE        |
|---------|---------|---------|---------|---------|----------|-------------|-------------|
| 20      | 14,5    | 27,5    | 69,0    | 5       | 20       | 0,208       | TVEKPLK020  |
| 25      | 16,0    | 30,0    | 80,0    | 5       | 20       | 0,270       | TVEKPLK025E |



### Shut off Valve Deluxe Straight with Chrome Handle

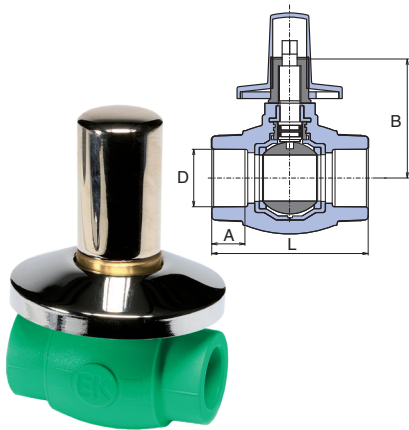
| D<br>mm | A<br>mm | B<br>mm | L<br>mm | ☒<br>I. | ☒<br>II. | ⚖<br>kg/pc | CODE       |
|---------|---------|---------|---------|---------|----------|------------|------------|
| 20      | 14,5    | 27,5    | 69,0    | 5       | 20       | 0,338      | TVEPLR020X |
| 25      | 16,0    | 30,0    | 80,0    | 5       | 20       | 0,392      | TVEPLR025X |

### Valve Extension D 20, 25 mm



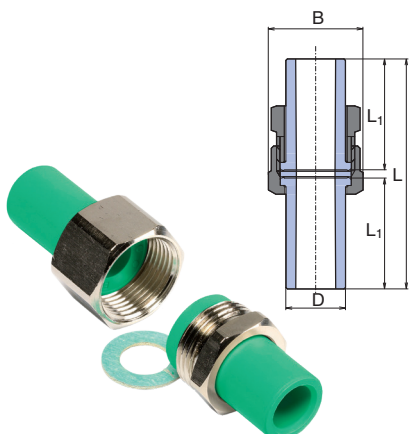
| ☒<br>I. | ⚖<br>kg/pc | CODE       |
|---------|------------|------------|
| 1       | 0,071      | VEPL020XXX |

extension for shut off valves straight Ø 20 a 25 mm



### Shut off Ball Tap with Chrome Cover

| D<br>mm | A<br>mm | B<br>mm | L<br>mm | ☒<br>I. | ☒<br>II. | ⚖<br>kg/pc | CODE       |
|---------|---------|---------|---------|---------|----------|------------|------------|
| 20      | 14,5    | 67,0    | 65,0    | 5       | 20       | 0,254      | TVEKPLK020 |
| 25      | 16,0    | 65,0    | 71,0    | 5       | 20       | 0,334      | TVEKPLK025 |

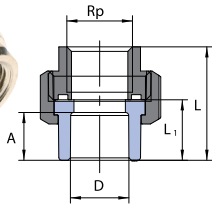


### Coupling with Nut

| D<br>mm | B<br>mm | L<br>mm | L <sub>1</sub><br>mm | ☒<br>I. | ☒<br>II. | ⚖<br>kg/pc | CODE       |
|---------|---------|---------|----------------------|---------|----------|------------|------------|
| 20      | 30,0    | 82,0    | 40,0                 | 20      | 100      | 0,088      | TRS020XXXX |
| 25      | 38,0    | 82,0    | 40,0                 | 20      | 100      | 0,142      | TRS025XXXX |
| 32      | 46,0    | 92,0    | 45,0                 | 10      | 50       | 0,212      | TRS032XXXX |
| 40      | 58,0    | 112,0   | 55,0                 | 5       | 5        | 0,288      | TRS040XXXX |

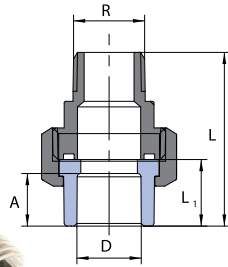
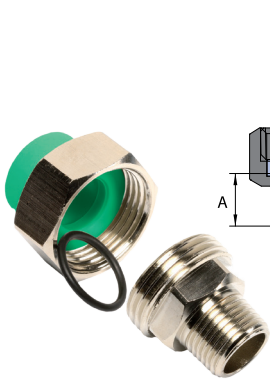
# Catalogue of Products

## Standard Products for Potable (Cold) and Hot Water and for Heating (I.)



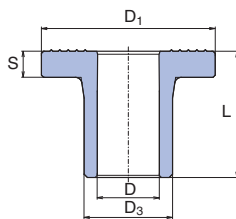
Screw Union with Socket - Female

| D<br>mm | Rp   | L<br>mm | L <sub>1</sub><br>mm | ☒<br>I. | ☒<br>II. | ⚖️<br>kg/pc | CODE       |
|---------|------|---------|----------------------|---------|----------|-------------|------------|
| 20      | 1/2" | 37,5    | 19,5                 | 10      | 100      | 0,122       | TSHI02020X |
| 25      | 3/4" | 46,5    | 23,0                 | 10      | 70       | 0,213       | TSHI02525X |



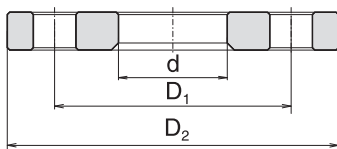
Screw Union with Socket - Male

| D<br>mm | Rp   | L<br>mm | L <sub>1</sub><br>mm | ☒<br>I. | ☒<br>II. | ⚖️<br>kg/pc | CODE       |
|---------|------|---------|----------------------|---------|----------|-------------|------------|
| 20      | 1/2" | 52,5    | 19,5                 | 10      | 100      | 0,142       | TSHE02020X |
| 25      | 3/4" | 59,0    | 23,0                 | 10      | 50       | 0,223       | TSHE02525X |



Flange Adaptor

| D <sub>3</sub><br>mm | L<br>mm | D <sub>1</sub><br>mm | S<br>mm | D<br>mm | ☒<br>I. | ☒<br>II. | ⚖️<br>kg/pc | CODE       |
|----------------------|---------|----------------------|---------|---------|---------|----------|-------------|------------|
| 40                   | 58,0    | 80,0                 | 12,0    | 30,0    | 2       | 70       | 0,040       | TLN040RCTX |
| 50                   | 60,0    | 90,0                 | 12,0    | 37,2    | 2       | 60       | 0,065       | TLN050RCTX |
| 63                   | 63,0    | 105,0                | 14,0    | 47,0    | 1       | 40       | 0,127       | TLN063RCTX |
| 75                   | 73,0    | 123,0                | 14,7    | 56,0    | 1       | 25       | 0,205       | TLN075RCTX |
| 90                   | 92,0    | 140,0                | 17,0    | 67,0    | 1       | 15       | 0,320       | TLN090RCTX |
| 110                  | 103,0   | 160,0                | 19,0    | 81,0    | 1       | 10       | 0,593       | TLN110RCTX |

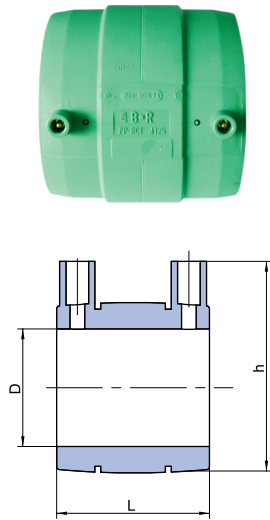


Flange

|             | D <sub>1</sub><br>mm | D <sub>2</sub><br>mm | d<br>mm | Y | ☒ | ⚖️<br>kg/pc | CODE       |
|-------------|----------------------|----------------------|---------|---|---|-------------|------------|
| 40 / DN32   | 100,0                | 140,0                | 46,0    | 4 | 1 | 1,660       | PRI040NXXX |
| 50 / DN40   | 110,0                | 150,0                | 54,0    | 4 | 1 | 1,802       | PRI050NXXX |
| 63 / DN50   | 125,0                | 165,0                | 66,0    | 4 | 1 | 2,414       | PRI063NXXX |
| 75 / DN65   | 145,0                | 185,0                | 83,0    | 8 | 1 | 2,978       | PRI075NXXX |
| 90 / DN80   | 160,0                | 200,0                | 94,0    | 8 | 1 | 3,490       | PRI090NXXX |
| 110 / DN100 | 180,0                | 220,0                | 114,0   | 8 | 1 | 4,098       | PRI110NXXX |
| 125 / DN150 | 210,0                | 250,0                | 166,0   | 8 | 1 | 4,450       | PRI125NXXX |

☉ Y – number of bore holes

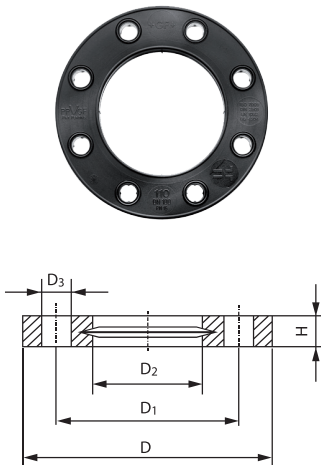




### Electro – Fusion Socket

| D<br>mm | L<br>mm | h<br>mm | ☒<br>I. | ☒<br>II. | ⚖️<br>kg/pc | CODE        |
|---------|---------|---------|---------|----------|-------------|-------------|
| 20      | 70      | 52      | 1       | 100      | 0,040       | ENA020PPRCT |
| 25      | 70      | 57      | 1       | 80       | 0,050       | ENA025PPRCT |
| 32      | 80      | 65      | 1       | 60       | 0,070       | ENA032PPRCT |
| 40      | 90      | 74      | 1       | 50       | 0,100       | ENA040PPRCT |
| 50      | 100     | 85      | 1       | 30       | 0,160       | ENA050PPRCT |
| 63      | 110     | 97      | 1       | 20       | 0,260       | ENA063PPRCT |
| 75      | 120     | 114     | 1       | 25       | 0,410       | ENA075PPRCT |
| 90      | 130     | 130     | 1       | 18       | 0,510       | ENA090PPRCT |
| 110     | 140     | 152     | 1       | 8        | 0,800       | ENA110PPRCT |
| 125     | 151     | 168     | 1       | 6        | 0,950       | ENA125PPRCT |

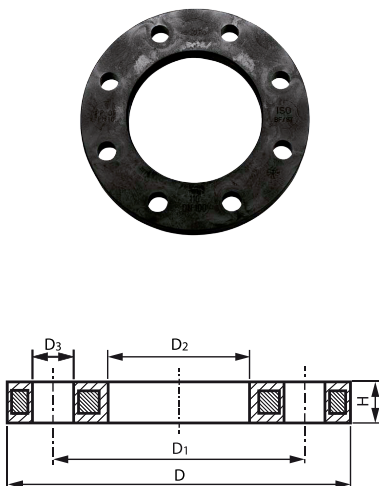
job-order manufacture, delivery date 30 days



### Flange PP – Fiberglass PN 16

| d<br>mm | DN<br>mm | D<br>mm | D <sub>1</sub><br>mm | D <sub>2</sub><br>mm | D <sub>3</sub><br>mm | H<br>mm | Y | ☒ | ⚖️<br>kg/pc | CODE      |
|---------|----------|---------|----------------------|----------------------|----------------------|---------|---|---|-------------|-----------|
| 40      | 32       | 140     | 100                  | 51                   | 18                   | 20      | 4 | 1 | 0,244       | FF700409W |
| 50      | 40       | 150     | 110                  | 62                   | 18                   | 22      | 4 | 1 | 0,297       | FF700410W |
| 63      | 50       | 165     | 125                  | 78                   | 18                   | 24      | 4 | 1 | 0,362       | FF700411W |
| 75      | 65       | 185     | 145                  | 92                   | 18                   | 26      | 4 | 1 | 0,487       | FF700412W |
| 90      | 80       | 200     | 160                  | 108                  | 18                   | 27      | 8 | 1 | 0,544       | FF700513W |
| 110     | 100      | 220     | 180                  | 128                  | 18                   | 28      | 8 | 1 | 0,643       | FF700514W |
| 140     | 125      | 250     | 210                  | 158                  | 18                   | 30      | 8 | 1 | 0,842       | FF700516W |

Y – number of bore holes



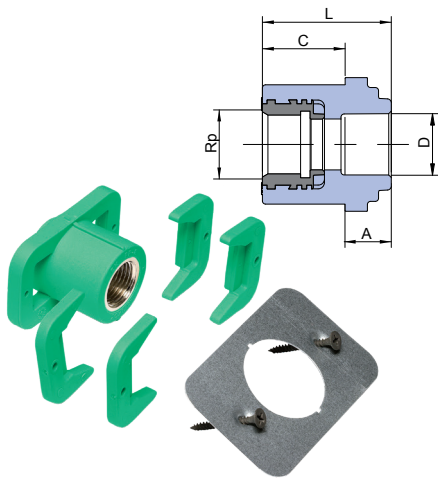
### Flange PP – Steel PN 16

| d<br>mm | DN<br>mm | D<br>mm | D <sub>1</sub><br>mm | D <sub>2</sub><br>mm | D <sub>3</sub><br>mm | H<br>mm | Y | ☒ | ⚖️<br>kg/pc | CODE      |
|---------|----------|---------|----------------------|----------------------|----------------------|---------|---|---|-------------|-----------|
| 40      | 32       | 140     | 100                  | 51                   | 18                   | 16      | 4 | 1 | 0,621       | FF700209W |
| 50      | 40       | 150     | 110                  | 62                   | 18                   | 20      | 4 | 1 | 0,722       | FF700210W |
| 63      | 50       | 165     | 125                  | 78                   | 18                   | 20      | 4 | 1 | 1,084       | FF700211W |
| 75      | 65       | 185     | 145                  | 92                   | 18                   | 20      | 4 | 1 | 1,349       | FF700212W |
| 90      | 80       | 200     | 160                  | 108                  | 18                   | 20      | 8 | 1 | 1,390       | FF700513W |
| 110     | 100      | 220     | 180                  | 128                  | 18                   | 20      | 8 | 1 | 1,407       | FF700514W |
| 140     | 125      | 250     | 210                  | 158                  | 18                   | 26      | 8 | 1 | 2,318       | FF700216W |

Y – number of bore holes

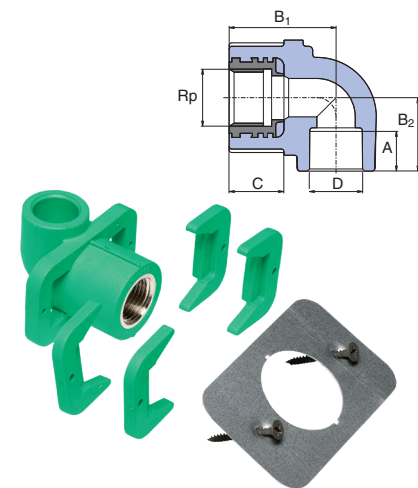
# Catalogue of Products

## Complete Offer of Fittings for Gypsum Wall Mounting (I.)



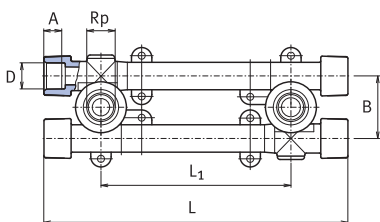
Reducing Sleeve for Gypsum Wall Mounting

| D<br>mm | Rp   | A<br>mm | C<br>mm | L<br>mm | ⊞<br>I. | ⊞<br>II. | ⚖<br>kg/pc | CODE      |
|---------|------|---------|---------|---------|---------|----------|------------|-----------|
| 20      | 1/2" | 14,5    | 26,0    | 40,5    | 1       | 10       | 0,102      | TZS02020X |



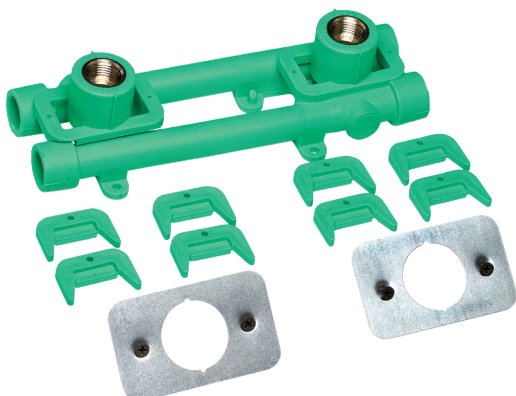
Elbow for Gypsum Wall Mounting

| B<br>mm | Rp   | A<br>mm | B <sub>1</sub><br>mm | B <sub>2</sub><br>mm | C<br>mm | ⊞<br>I. | ⊞<br>II. | ⚖<br>kg/pc | CODE      |
|---------|------|---------|----------------------|----------------------|---------|---------|----------|------------|-----------|
| 20      | 1/2" | 15      | 44,0                 | 27,0                 | 26,0    | 1       | 10       | 0,114      | TNKS020SX |

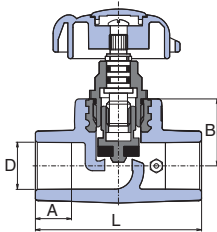


Wall Mounting Group with Tap Connectors for Gypsum Wall

| D<br>mm | Rp   | A<br>mm | B<br>mm | L <sub>1</sub><br>mm | C<br>mm | L<br>mm | ⊞<br>I. | ⊞<br>II. | ⚖<br>kg/pc | CODE       |
|---------|------|---------|---------|----------------------|---------|---------|---------|----------|------------|------------|
| 20      | 1/2" | 14,5    | 49,0    | 100/135/150          | 26,0    | 234,0   | 1       | 10       | 0,320      | TNKK020SXX |



## Standard Products only for Potable (Cold) Water (II.)

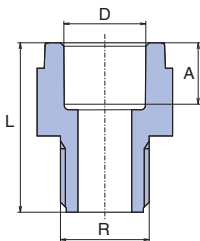


Straight – Way Valve with Drain Valve

|       | D<br>mm | A<br>mm | B<br>mm | L<br>mm | ☒ | ☒<br>kg/pc | CODE       |
|-------|---------|---------|---------|---------|---|------------|------------|
| right | 40      | 20,5    | 41,0    | 112,0   | 1 | 0,578      | TVEV040PXX |
| right | 50      | 23,5    | 48,0    | 136,0   | 1 | 0,788      | TVEV050PXX |
| right | 63      | 27,5    | 60,0    | 162,0   | 1 | 1,388      | TVEV063PXX |
| left  | 40      | 20,5    | 41,0    | 112,0   | 1 | 0,572      | TVEV040LXX |
| left  | 50      | 23,5    | 48,0    | 136,0   | 1 | 0,754      | TVEV050LXX |
| left  | 63      | 27,5    | 60,0    | 162,0   | 1 | 1,416      | TVEV063LXX |

job-order manufacture, delivery date 30 days

## Product for Temporary Use (non Standard) (III.)

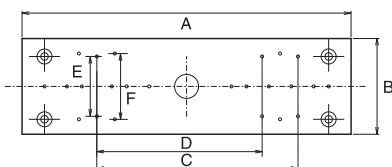
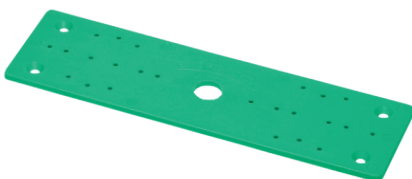


All-Plastic Reducer Male Thread

| D<br>mm | R    | A<br>mm | L<br>mm | ☒<br>I. | ☒<br>II. | ☒<br>kg/pc | CODE       |
|---------|------|---------|---------|---------|----------|------------|------------|
| 20      | 1/2" | 14,5    | 40,0    | 50      | 200      | 0,014      | SDG02020XX |
| 20      | 3/4" | 14,5    | 38,0    | 50      | 500      | 0,012      | SDG02025XX |
| 25      | 3/4" | 16,0    | 42,0    | 50      | 300      | 0,020      | SDG02525XX |
| 32      | 1"   | 18,0    | 54,0    | 25      | 150      | 0,038      | SDG03232XX |
| 40      | 5/4" | 20,5    | 62,0    | 10      | 100      | 0,074      | SDG04040XX |
| 50      | 6/4" | 23,5    | 63,0    | 10      | 50       | 0,094      | SDG05050XX |
| 63      | 2"   | 27,5    | 81,9    | 5       | 35       | 0,194      | SDG06363XX |

delivered in grey colour

## Accessories (IV.)



Assembly Plate for Elbow 90 ° for Wall Mounting

| A<br>mm | B<br>mm | C<br>mm | D<br>mm | E<br>mm | F<br>mm | ☒<br>I. | ☒<br>II. | ☒<br>kg/pc | CODE       |
|---------|---------|---------|---------|---------|---------|---------|----------|------------|------------|
| 220,0   | 64,0    | 135,0   | 110,0   | 45,0    | 40,0    | 10      | 50       | 0,058      | DNPXXXXXXX |

# Catalogue of Products

## Accessories (IV.)



Metal Sleeve (with Wood Screw)

| D mm  | I. | II. | kg/pc | CODE       |
|-------|----|-----|-------|------------|
| 20-25 | 25 | 100 | 0,056 | PRK02025XX |
| 32-40 | 25 | 100 | 0,074 | PRK03240XX |
| 50-63 | 5  | 50  | 0,124 | PRK06350XX |



Metal Sleeve (Screw / Nut)

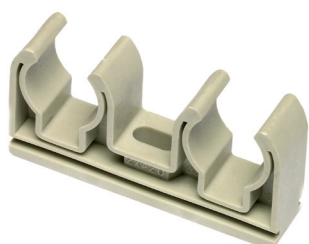
| D mm    | NUT mm | SCREW mm | I. | II. | kg/pc | CODE       |
|---------|--------|----------|----|-----|-------|------------|
| 48-53   | M8/10  |          | 5  | 50  | 0,078 | PRKB04853X |
| 72-78   | M8/10  |          | 5  | 10  | 0,146 | PRKB07278X |
| 87-92   | M8/10  |          | 5  | 10  | 0,180 | PRKB08792X |
| 102-116 | M8/10  |          | 5  | 10  | 0,238 | PRKB102116 |
|         |        | M8/100   | 10 | 10  | 0,023 | VRUTM8100X |



Plastic Clip

| D mm  | I. | II. | kg/pc | CODE       |
|-------|----|-----|-------|------------|
| 16    | 50 | 300 | 0,004 | PRE016TXXX |
| 20    | 50 | 500 | 0,004 | PRE020TXXX |
| 25    | 50 | 500 | 0,006 | PRE025TXXX |
| 32    | 50 | 300 | 0,008 | PRE032TXXX |
| ⊙ 40  | 1  | 50  | 0,016 | PRP040TXXX |
| ⊙ 50  | 1  | 25  | 0,034 | PRP050TXXX |
| ⊙ 63  | 1  | 25  | 0,046 | PRP063TXXX |
| ⊙ 75  | 1  | 1   | 0,084 | PRP075TXXX |
| ⊙ 90  | 1  | 1   | 0,114 | PRP090TXXX |
| ⊙ 110 | 1  | 1   | 0,136 | PRP110TXXX |

⊙ with tape





Plastic Double Clip

| D mm | I. | kg/pc | CODE       |
|------|----|-------|------------|
| 2×20 | 1  | 0,016 | PRDV0202XX |
| 2×25 | 1  | 0,022 | PRDV0252XX |

delivered in grey colour

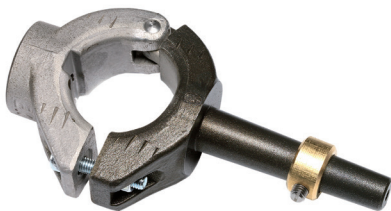
### Welding Machine Electronic R63 (for Paired Adapter)




|     | W   |  | <br>kg/pc | CODE       |
|-----|-----|---|--|------------|
| R63 | 800 | 1   | 1,820  | SVA063XXXX |

job-order manufacture, delivery date 30 days

### Repairing Set





|         |  | <br>kg/pc | CODE       |
|---------|---|--|------------|
| komplet | 1   | 0,186  | OSAXXXXXXX |

Repairing set includes 5 pcs of repairing stakes  $\varnothing$  12 mm and non-paired adapter  $\varnothing$  12 mm



### Repairing Stakes



| $\varnothing$<br>MM | <br>I. | <br>kg/pc | CODE       |
|---------------------|---|--|------------|
| 12                  | 1(5)  | 0,029  | OTXXXXXXXX |

### Electrofusion Welding Machine - Elektra Light

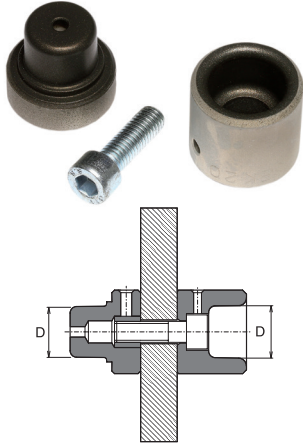


|                 | W    |  | <br>kg/pc | CODE        |
|-----------------|------|---|--|-------------|
| 20 - 125/160 MM | 2000 | 1   | 8,000  | SVAELEKTRAL |

job-order manufacture, delivery date 30 days

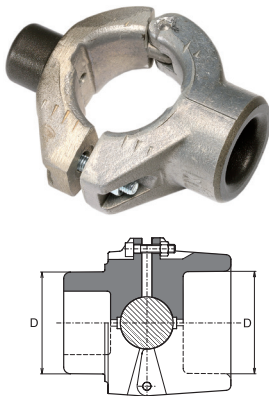
# Catalogue of Products

## Accessories (IV.)



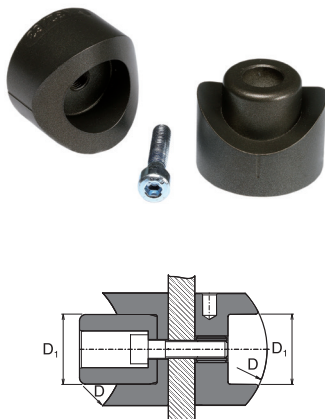
### Adapter Paired

| D<br>mm | ☒ | kg/pc | CODE       |
|---------|---|-------|------------|
| 16      | 1 | 0,074 | NAP016XXXX |
| 20      | 1 | 0,078 | NAP020XXXX |
| 25      | 1 | 0,138 | NAP025XXXX |
| 32      | 1 | 0,164 | NAP032XXXX |
| 40      | 1 | 0,308 | NAP040XXXX |
| 50      | 1 | 0,333 | NAP050XXXX |
| 63      | 1 | 0,493 | NAP063XXXX |
| 75      | 1 | 0,653 | NAP075XXXX |
| 90      | 1 | 1,089 | NAP090XXXX |
| 110     | 1 | 1,681 | NAP110XXXX |
| 125     | 1 | 1,996 | NAP125XXXX |



### Adapter Non-Paired

| D<br>mm | ☒ | kg/pc | CODE       |
|---------|---|-------|------------|
| 16      | 1 | 0,130 | NA016CXXXX |
| 20      | 1 | 0,133 | NA020CXXXX |
| 25      | 1 | 0,178 | NA025CXXXX |
| 32      | 1 | 0,215 | NA032CXXXX |
| 40      | 1 | 0,379 | NA040CXXXX |
| 50      | 1 | 0,517 | NA050CXXXX |
| 63      | 1 | 0,822 | NA063CXXXX |

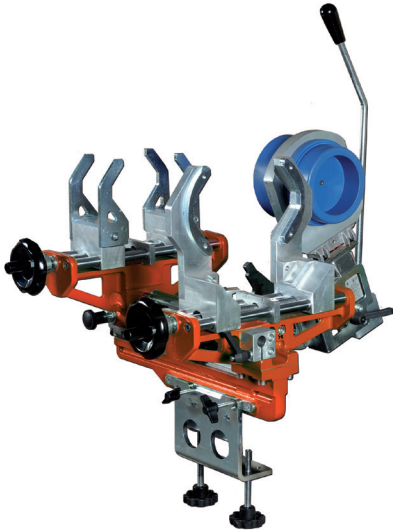




### Adapter for Weld in Saddle / Paired

| D<br>mm | D <sub>1</sub><br>mm | ☒ | kg/pc | CODE       |
|---------|----------------------|---|-------|------------|
| 63      | 32                   | 1 | 0,298 | SNNS06332X |
| 75      | 32                   | 1 | 0,296 | SNNS07532X |
| 90      | 32                   | 1 | 0,296 | SNNS09032X |
| ⊕ 110   | 40                   | 1 | 0,432 | SNNS11040X |
| 125     | 40                   | 1 | 0,519 | SNNS12540X |
| 125     | 63                   | 1 | 1,148 | SNNS12563X |

⊕ for weld in saddle with diameter 110/32 and 110/40

### Welding Jig MP-125

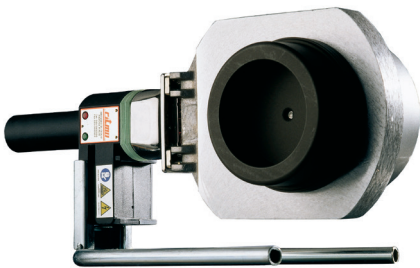




|        | D<br>mm |  | <br>kg/pc | CODE       |
|--------|---------|--|--|------------|
| MP-125 | 63-125  | 1  | 37,200   | SVAMP125XX |

MP 125 Includes frame, stand with welding machine with power consumption of 1400 W, case with accessories.

job-order manufacture, delivery date 30 days

### Welding Machine PRISMA 125





| W    |  | <br>kg/pc | CODE       |
|------|---|--|------------|
| 1400 | 1   | 2,760  | SVA125XXXX |

job-order manufacture, delivery date 30 days

### Contact Thermometer „DT” Meter





|          |  | <br>kg/pc | CODE       |
|----------|---|--|------------|
| DT-METER | 1   | 0,940  | TEPODXXXXX |

# Catalogue of Products

## Accessories (IV.)



Tightening Spanner with Band



|  |  | <br>kg/pc | CODE        |
|--|---|--|-------------|
|  | 1   | 0,297  | UKXXXXXXXXX |



Pipe Cutter – Shear (PROFI)



| D<br>mm |  | <br>kg/pc | CODE       |
|---------|---|--|------------|
| 16-40   | 1   | 0,383  | NU042PXXXX |



Pipe Cutter – Shear (PROFI M2)



| D<br>mm |  | <br>kg/pc | CODE       |
|---------|---|--|------------|
| 16-63   | 1   | 1,241  | NU063XXXXX |

Pipe Cutter



| D<br>mm |  | <br>kg/pc | CODE       |
|---------|---|--|------------|
| 50-140  | 1   | 1,400  | REZ050125X |



### Stabi Pipe Shaver



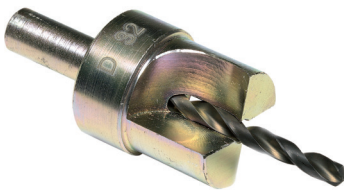
| D<br>mm | ⊞ | ⚖<br>kg/pc | CODE       |
|---------|---|------------|------------|
| 16-20   | 1 | 0,134      | REZS01620X |
| 20-25   | 1 | 0,156      | REZS02025X |
| 25-32   | 1 | 0,206      | REZS02532X |
| 32-40   | 1 | 0,266      | REZS03240X |
| 50      | 1 | 0,302      | REZS050XXX |
| 63      | 1 | 0,352      | REZS063XXX |
| 75      | 1 | 0,386      | REZS075XXX |
| 90      | 1 | 0,634      | REZS090XXX |
| 110     | 1 | 0,870      | REZS110XXX |



### Shavers to Drill Machine for Stabi Pipes

| D<br>mm       | ⊞ | ⚖<br>kg/pc | CODE        |
|---------------|---|------------|-------------|
| 40            | 1 | 0,290      | REZS040VXX  |
| 50            | 1 | 0,882      | REZS050VXX  |
| 63            | 1 | 0,406      | REZS063VXX  |
| <b>pintle</b> | 1 | 0,020      | CEPXXXXXXXX |

### Drill for Weld in Saddle



| D<br>mm | ⊞ | ⚖<br>kg/pc | CODE       |
|---------|---|------------|------------|
| 32      | 1 | 0,200      | VNS032XXXX |
| 40      | 1 | 0,300      | VNS040XXXX |
| 63      | 1 | 0,347      | VNS063XXXX |

### Galvanized Trough



| D<br>mm | I<br>mm | ⊞<br>I. | ⊞<br>II. | ⚖<br>kg/pc | CODE       |
|---------|---------|---------|----------|------------|------------|
| 20      | 2000    | 1       | 25       | 0,331      | ZLSP20XXXX |
| 25      | 2000    | 1       | 25       | 0,428      | ZLSP25XXXX |
| 32      | 2000    | 1       | 25       | 0,516      | ZLSP32XXXX |
| 40      | 2000    | 1       | 25       | 0,607      | ZLSP40XXXX |
| 50      | 2000    | 1       | 25       | 0,732      | ZLSP50XXXX |
| 63      | 2000    | 1       | 25       | 0,879      | ZLSP63XXXX |

# Catalogue of Products

## Accessories (IV.)



### Plug – Short

| G    | I. | II. | kg/pc | CODE      |
|------|----|-----|-------|-----------|
| 1/2" | 50 | 250 | 0,008 | ZAGXXXXXX |

including rubber sea



### Plug – Long

| G    | I. | II. | kg/pc | CODE      |
|------|----|-----|-------|-----------|
| 1/2" | 50 | 250 | 0,022 | ZAGDXXXXX |

including rubber sea



### Mastic Sealant – Siseal

| gr  |   | kg/pc | CODE       |
|-----|---|-------|------------|
| 10  | 1 | 0,018 | TMSIS10XXX |
| 100 | 1 | 0,124 | TMSIS100XX |



### Sealing Teflon Fibre

|  | m   | kg/pc | CODE       |
|--|-----|-------|------------|
|  | 50  | 0,053 | TTN50XXXXX |
|  | 150 | 0,126 | TTN150XXXX |



- For production and testing is used standard EN ISO 15874. Requirements from this standard are stated in PN 01 (Internal Company Standard).
- The application and assembling of products have to conform to assembly regulations of ekoplastik system.
- System of quality is certified in accordance with ISO 9001-2000
- Extended warranty period 10 years for standard products (I.,II.)
- Common warranty period 2 years for other products (III.,IV.)

**SHORTCUTS USED**

CODE – purchasing code

S/PN – serie / pressure line

I. – small packing

II. – big packing

G – female cylindrical thread no sealing on threads

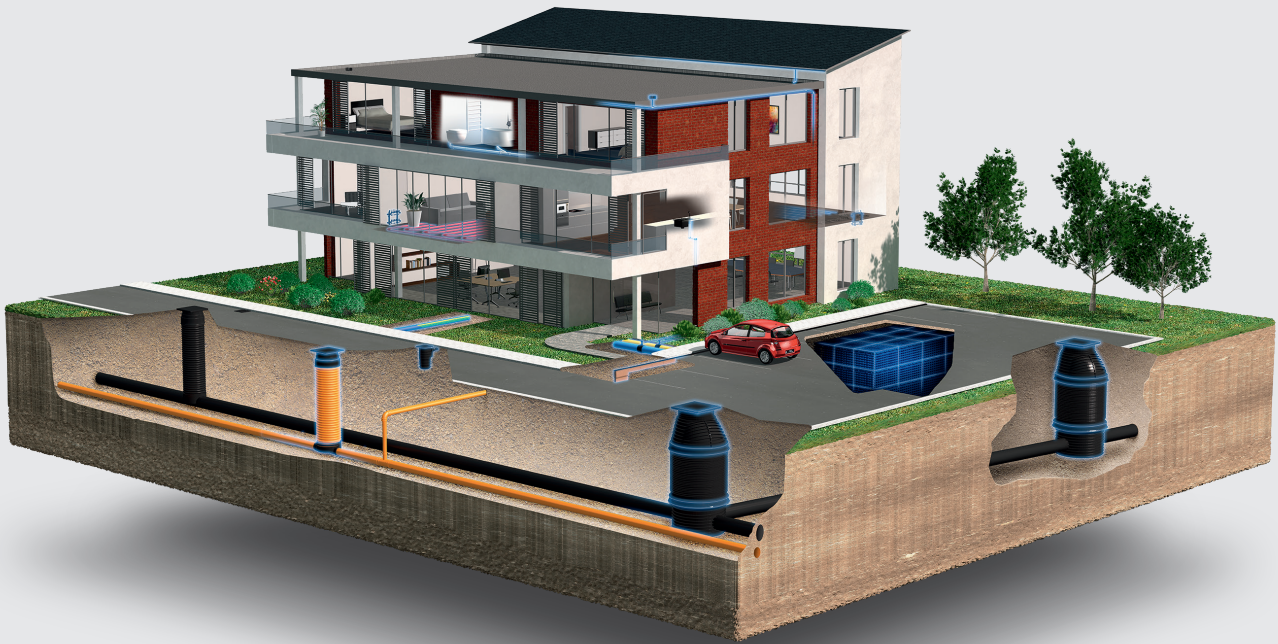
Rp – female cylindrical thread sealing on threads

R – male conical thread sealing on threads

## Discover our broad portfolio at [wavin.com](http://wavin.com)

Water management  
Heating and cooling

Water and gas distribution  
Waste water drainage



Wavin is part of Orbia, a community of companies working together to tackle some of the world's most complex challenges. We are bound by a common purpose: To Advance Life Around the World.



**PT WAVIN INDONESIA** Phone +6221 2971 5887 | E-mail [indonesia@wavin.com](mailto:indonesia@wavin.com) | Internet [www.wavin.co.id](http://www.wavin.co.id)



Wavin operates a programme of continuous product development, and therefore reserves the right to modify or amend the specification of their products without notice. All information in this publication is given in good faith, and believed to be correct at the time of going to press. However, no responsibility can be accepted for any errors, omissions or incorrect assumptions.

© 2019 Wavin Wavin reserves the right to make alterations without prior notice. Due to continuous product development, changes in technical specifications may change. Installation must comply with the installation instructions.