



# **Product Catalogue**

## **2018**

**aquatherm NZ**



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## **COLD WATER**

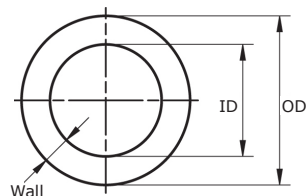
### **aquatherm green pipe - SDR 11 - S**

| Article No.    | Dimension (mm) | Straight Lengths (Mtr) | Packing Unit (Mtr) | mm  |      |       |
|----------------|----------------|------------------------|--------------------|-----|------|-------|
|                |                |                        |                    | OD  | Wall | ID    |
| socket welding |                |                        |                    |     |      |       |
| 0010210        | 25             | 4                      | 100                | 25  | 2.3  | 20.4  |
| 0010212        | 32             | 4                      | 100                | 32  | 2.9  | 26.2  |
| 0010214        | 40             | 4                      | 40                 | 40  | 3.7  | 32.6  |
| 0010216        | 50             | 4                      | 40                 | 50  | 4.6  | 40.8  |
| 0010218        | 63             | 4                      | 20                 | 63  | 5.8  | 51.4  |
| 0010220        | 75             | 4                      | 20                 | 75  | 6.8  | 61.4  |
| 0010222        | 90             | 4                      | 12                 | 90  | 8.2  | 73.6  |
| 0010224        | 110            | 4                      | 8                  | 110 | 10   | 90.0  |
| 0010226        | 125            | 4                      | 4                  | 125 | 11.4 | 102.2 |
| butt welding   |                |                        |                    |     |      |       |
| 0010230        | 160            | 5.8                    | 5.8                | 160 | 14.6 | 130.8 |
| 0010234        | 200            | 5.8                    | 5.8                | 200 | 18.2 | 163.6 |
| 0010238        | 250            | 5.8                    | 5.8                | 250 | 22.7 | 204.6 |

**Structure of pipe: S**

**Pipe series: SDR 11**

**Colour: Green with 4 blue stripes**



## **COLD / HOT WATER - RESIDENTIAL**

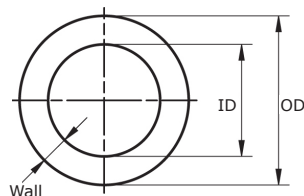
### **aquatherm green pipe - SDR 7.4**

| Article No.    | Dimension (mm) | Straight Lengths (Mtr) | Packing Unit (Mtr) | mm |      |       |
|----------------|----------------|------------------------|--------------------|----|------|-------|
|                |                |                        |                    | OD | Wall | ID    |
| <b>0010806</b> | 16             | 4                      | 100                | 16 | 2.2  | 11.6  |
| <b>0010808</b> | 20             | 4                      | 100                | 20 | 2.8  | 14.40 |
| <b>0010810</b> | 25             | 4                      | 100                | 25 | 3.5  | 18.0  |
| <b>0010812</b> | 32             | 4                      | 40                 | 32 | 4.4  | 23.2  |
| <b>0010814</b> | 40             | 4                      | 40                 | 40 | 5.5  | 29.0  |
| <b>0010816</b> | 50             | 4                      | 20                 | 50 | 6.9  | 36.2  |
| <b>0010818</b> | 63             | 4                      | 20                 | 63 | 8.6  | 45.8  |

**Structure of pipe: S**

**Pipe series: SDR 7.4**

**Colour: Green**



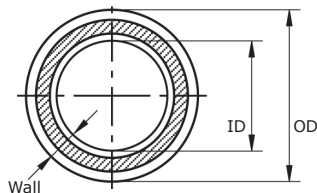


## HOT WATER

### aqualtherm green pipe - SDR 7.4 MF

| Article No.    | Dimension (mm) | Straight Lengths (Mtr) | Packing Unit (Mtr) | mm |      |      |
|----------------|----------------|------------------------|--------------------|----|------|------|
|                |                |                        |                    | OD | Wall | ID   |
| socket welding |                |                        |                    |    |      |      |
| 0070708        | 20mm           | 4                      | 100                | 20 | 2.8  | 14.4 |
| 0070710        | 25mm           | 4                      | 100                | 25 | 3.5  | 18.0 |

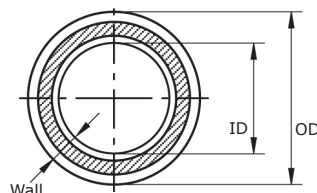
**Structure of pipe:** MF = multilayer, with fibre reinforced  
**Pipe Series:** SDR 7.4  
**Colour:** Green with 4 dark green stripes



### aqualtherm green pipe - SDR 9 MF

| equivalent green pipe SDR 9.14 |                |                        |                    |     |      |       |
|--------------------------------|----------------|------------------------|--------------------|-----|------|-------|
| Article No.                    | Dimension (mm) | Straight Lengths (Mtr) | Packing Unit (Mtr) | mm  |      |       |
|                                |                |                        |                    | OD  | Wall | ID    |
| socket welding                 |                |                        |                    |     |      |       |
| 0370712                        | 32             | 4                      | 40                 | 32  | 3.6  | 24.8  |
| 0370714                        | 40             | 4                      | 40                 | 40  | 4.5  | 31.0  |
| 0370716                        | 50             | 4                      | 20                 | 50  | 5.6  | 38.8  |
| 0370718                        | 63             | 4                      | 20                 | 63  | 7.1  | 48.8  |
| 0370720                        | 75             | 4                      | 20                 | 75  | 8.4  | 58.2  |
| 0370722                        | 90             | 4                      | 12                 | 90  | 10.1 | 69.8  |
| 0370724                        | 110            | 4                      | 8                  | 110 | 12.3 | 85.4  |
| 0370726                        | 125            | 4                      | 4                  | 125 | 14.0 | 97.0  |
| butt welding                   |                |                        |                    |     |      |       |
| 0370730                        | 160            | 5.8                    | 5.8                | 160 | 17.9 | 124.2 |
| 0370734                        | 200            | 5.8                    | 5.8                | 200 | 22.4 | 155.2 |

**Structure of pipe:** MF = multilayer, with fibre reinforced  
**Pipe Series:** SDR 9  
**Colour:** Green with 4 dark green stripes

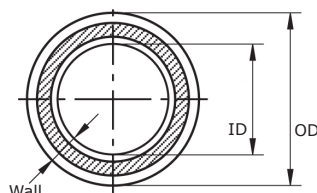


## HOT WATER - UV

### aqualtherm green pipe - SDR 7.4/9 MF UV

| Article No.    | Dimension (mm) | Straight Lengths (Mtr) | Packing Unit (Mtr) | mm  |      |      |
|----------------|----------------|------------------------|--------------------|-----|------|------|
|                |                |                        |                    | OD  | Wall | ID   |
| socket welding |                |                        |                    |     |      |      |
| SDR 7.4        |                |                        |                    |     |      |      |
| 0070758        | 20             | 4                      | 100                | 20  | 2.8  | 14.4 |
| 0070760        | 25             | 4                      | 100                | 25  | 3.5  | 18.0 |
| SDR 9          |                |                        |                    |     |      |      |
| 0370762        | 32             | 4                      | 40                 | 32  | 3.6  | 24.8 |
| 0370764        | 40             | 4                      | 40                 | 40  | 4.5  | 31.0 |
| 0370766        | 50             | 4                      | 20                 | 50  | 5.6  | 38.8 |
| 0370768        | 63             | 4                      | 20                 | 63  | 7.1  | 48.8 |
| 0370770        | 75             | 4                      | 20                 | 75  | 8.4  | 58.2 |
| 0370772        | 90             | 4                      | 12                 | 90  | 10.1 | 69.8 |
| 0370774        | 110            | 4                      | 8                  | 110 | 12.3 | 85.4 |
| 0370776        | 125            | 4                      | 4                  | 125 | 14.0 | 97.0 |

**Structure of pipe:** MF = multilayer, with fibre reinforced  
**Pipe series:** SDR 7.4/9  
**Colour:**  
**Outer layer:** Black  
**Inner layer:** Green with 4 dark green stripes

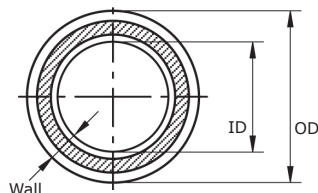


## HVAC

### aquatherm blue pipe - SDR 7.4/11 MF - HVAC

| Article No.           | Dimension (mm) | Straight Lengths (Mtr) | Packing Unit (Mtr) | mm  |      |       |
|-----------------------|----------------|------------------------|--------------------|-----|------|-------|
|                       |                |                        |                    | OD  | Wall | ID    |
| socket welding        |                |                        |                    |     |      |       |
| SDR 7.4               |                |                        |                    |     |      |       |
| 2070708               | 20             | 4                      | 100                | 20  | 2.8  | 14.4  |
| 2070710               | 25             | 4                      | 100                | 25  | 3.5  | 18.0  |
| SDR 11                |                |                        |                    |     |      |       |
| 2070112               | 32             | 4                      | 40                 | 32  | 2.9  | 26.2  |
| 2070114               | 40             | 4                      | 40                 | 40  | 3.7  | 32.6  |
| 2070116               | 50             | 4                      | 20                 | 50  | 4.6  | 40.8  |
| 2070118               | 63             | 4                      | 20                 | 63  | 5.8  | 51.4  |
| 2070120               | 75             | 4                      | 20                 | 75  | 6.8  | 61.4  |
| 2070122               | 90             | 4                      | 12                 | 90  | 8.2  | 73.6  |
| 2070124               | 110            | 4                      | 8                  | 110 | 10.0 | 90.0  |
| 2070126               | 125            | 4                      | 4                  | 125 | 11.4 | 102.2 |
| SDR 11 - butt welding |                |                        |                    |     |      |       |
| 2070130               | 160            | 5.8                    | 5.8                | 160 | 14.6 | 130.8 |
| 2070134               | 200            | 5.8                    | 5.8                | 200 | 18.2 | 163.6 |
| 2070138               | 250            | 5.8                    | 5.8                | 250 | 22.7 | 204.6 |
| 2070142               | 315            | 5.8                    | 5.8                | 315 | 28.6 | 257.8 |

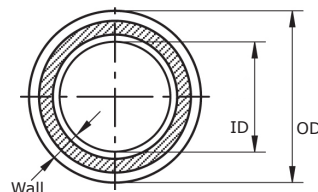
**Structure of pipe:** MF = multilayer, with fibre reinforced  
**Pipe series:** SDR 7.4/11  
**Colour:** Blue with 4 green stripes



### aquatherm blue pipe - SDR 17.6 MF - HVAC

| Article No.    | Dimension (mm) | Straight Lengths (Mtr) | Packing Unit (Mtr) | mm  |      |       |
|----------------|----------------|------------------------|--------------------|-----|------|-------|
|                |                |                        |                    | OD  | Wall | ID    |
| <b>2570126</b> | 125            | 4                      | 4                  | 125 | 7.1  | 102.2 |
| <b>2570130</b> | 160            | 5.8                    | 5.8                | 160 | 9.1  | 141.8 |
| <b>2570134</b> | 200            | 5.8                    | 5.8                | 200 | 11.4 | 177.2 |
| <b>2570138</b> | 250            | 5.8                    | 5.8                | 250 | 14.2 | 221.6 |
| <b>2570142</b> | 315            | 5.8                    | 5.8                | 315 | 17.9 | 279.2 |

**Structure of pipe:** MF = multilayer, with fibre reinforced  
**Pipe series:** SDR 17.6  
**Colour:** Blue with 4 green stripes





# aqualtherm blue pipe

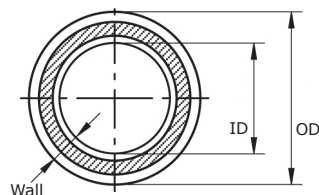
**pipe system made of polypropylene**  
for chilled, hot fluid and various industrial applications

## HVAC UV

### aqualtherm blue pipe - SDR 7.4/11 MF UV - HVAC

| Article No.           | Dimension (mm) | Straight Lengths (Mtr) | Packing Unit (Mtr) | mm  |      |       |
|-----------------------|----------------|------------------------|--------------------|-----|------|-------|
|                       |                |                        |                    | OD  | Wall | ID    |
| socket welding        |                |                        |                    |     |      |       |
| SDR 7.4               |                |                        |                    |     |      |       |
| 2070758               | 20             | 4                      | 100                | 20  | 2.8  | 14.4  |
| 2070760               | 25             | 4                      | 100                | 25  | 3.5  | 18.0  |
| SDR 11                |                |                        |                    |     |      |       |
| 2070162               | 32             | 4                      | 40                 | 32  | 2.9  | 26.2  |
| 2070164               | 40             | 4                      | 40                 | 40  | 3.7  | 32.6  |
| 2070166               | 50             | 4                      | 20                 | 50  | 4.6  | 40.8  |
| 2070168               | 63             | 4                      | 20                 | 63  | 5.8  | 51.4  |
| 2070170               | 75             | 4                      | 20                 | 75  | 6.8  | 61.4  |
| 2070172               | 90             | 4                      | 12                 | 90  | 8.2  | 73.6  |
| 2070174               | 110            | 4                      | 8                  | 110 | 10.0 | 90.0  |
| 2070176               | 125            | 4                      | 4                  | 125 | 11.4 | 102.2 |
| SDR 11 - butt welding |                |                        |                    |     |      |       |
| 2070180               | 160            | 5.8                    | 5.8                | 160 | 14.6 | 130.8 |
| 2070184               | 200            | 5.8                    | 5.8                | 200 | 18.2 | 163.6 |
| 2070188               | 250            | 5.8                    | 5.8                | 250 | 22.7 | 204.6 |

**Structure of pipe:** MF = multilayer, with fibre reinforced  
**Pipe series:** SDR 7.4/11  
**Colour:**  
**Outer layer:** Black  
**Inner layer:** Blue with 4 dark green stripes



# aqualtherm lilac pipe

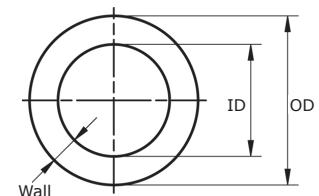
**Pipe system made of polypropylene**  
for reclaimed water

## LILAC / RECLAIM

### aqualtherm lilac pipe - SDR 7.4/11

| Article No. | Dimension (mm) | Straight Lengths (Mtr) | Packing Unit (Mtr) | mm  |      |       |
|-------------|----------------|------------------------|--------------------|-----|------|-------|
|             |                |                        |                    | OD  | Wall | ID    |
| SDR 7.4     |                |                        |                    |     |      |       |
| 9010808     | 20             | 4                      | 100                | 20  | 2.8  | 14.4  |
| 9010810     | 25             | 4                      | 100                | 25  | 3.5  | 18.0  |
| SDR 11      |                |                        |                    |     |      |       |
| 9010212     | 32             | 4                      | 40                 | 32  | 2.9  | 26.2  |
| 9010214     | 40             | 4                      | 40                 | 40  | 3.7  | 32.6  |
| 9010216     | 50             | 4                      | 20                 | 50  | 4.6  | 40.8  |
| 9010218     | 63             | 4                      | 20                 | 63  | 5.8  | 51.4  |
| 9010220     | 75             | 4                      | 20                 | 75  | 6.8  | 61.4  |
| 9010222     | 90             | 4                      | 12                 | 90  | 8.2  | 73.6  |
| 9010224     | 110            | 4                      | 8                  | 110 | 10.0 | 90.0  |
| 9010226     | 125            | 4                      | 4                  | 125 | 11.4 | 102.2 |

**Structure of pipe:** S  
**Pipe series:** SDR 7.4/11  
**Colour:** Lilac



## PIPE CLAMPS

### GREEN

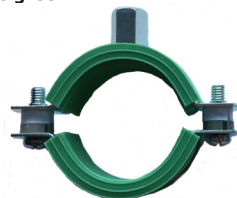
#### Cofix Zinc quick locking green pipe clamp - suitable for PP-R only

| Article No. | Dimension (mm) | Clamping Range | system |      |       |
|-------------|----------------|----------------|--------|------|-------|
|             |                |                | green  | blue | lilac |
| 0822019Z    | 20             | 19 - 23        | •      | •    | •     |
| 0822024Z    | 25             | 24 - 29        | •      | •    | •     |
| 0822030Z    | 32             | 30 - 35        | •      | •    | •     |
| 0822038Z    | 40             | 38 - 43        | •      | •    | •     |
| 0822050Z    | 50             | 50 - 56        | •      | •    | •     |
| 0822063Z    | 63             | 63 - 67        | •      | •    | •     |
| 0822075Z    | 75             | 70 - 76        | •      | •    | •     |
| 0822090Z    | 90             | 86 - 91        | •      | •    | •     |
| 0822110Z    | 110            | 110 - 114      | •      | •    | •     |
| 0822125Z    | 125            | 125            | •      | •    | •     |
| 0822160Z    | 160            | 155 - 160      | •      | •    | •     |
| 0603003Z    | Base Plate     | 8-10mm Thread  |        |      |       |

Suitable for sliding and fixed point installation.

**Thread:** All pipe clamps are combined 8 and 10mm attachments.

#### Zinc green



#### Base Plate



#### Cofix Dacromet quick locking green pipe clamp - suitable for PP-R only

| Article No. | Dimension (mm) | Clamping Range | system |      |       |
|-------------|----------------|----------------|--------|------|-------|
|             |                |                | green  | blue | lilac |
| 0822019D    | 20             | 19 - 23        | •      | •    | •     |
| 0822024D    | 25             | 24 - 29        | •      | •    | •     |
| 0822030D    | 32             | 30 - 35        | •      | •    | •     |
| 0822038D    | 40             | 38 - 43        | •      | •    | •     |
| 0822050D    | 50             | 50 - 56        | •      | •    | •     |
| 0822063D    | 63             | 64 - 67        | •      | •    | •     |
| 0822075D    | 75             | 70 - 76        | •      | •    | •     |
| 0822090D    | 90             | 86 - 91        | •      | •    | •     |
| 0822110D    | 110            | 110 - 114      | •      | •    | •     |
| 0822125D    | 125            | 125            | •      | •    | •     |
| 0822160D    | 160            | 155 - 160      | •      | •    | •     |

Suitable for sliding and fixed point installation.

**Thread:** All pipe clamps are combined 8 and 10mm attachments.

Higher corrosion resistance for outdoor use

#### Dacromet green



## BLACK

### Cofix Zinc quick locking black pipe clamp - not suitable for PP-R

| Article No. | Dimension (mm) | Clamping Range | system |      |       |
|-------------|----------------|----------------|--------|------|-------|
|             |                |                | green  | blue | lilac |
| 0806012Z    | •              | 12 - 14        | •      | •    | •     |
| 0806015Z    | •              | 15 - 19        | •      | •    | •     |
| 0806021Z    | •              | 21 - 23        | •      | •    | •     |
| 0806026D    | •              | 26 - 28        | •      | •    | •     |
| 0806032Z    | •              | 32 - 35        | •      | •    | •     |
| 0815038Z    | •              | 38 - 45        | •      | •    | •     |
| 0815048Z    | •              | 48 - 56        | •      | •    | •     |
| 0815057Z    | •              | 57 - 61        | •      | •    | •     |
| 0815063Z    | •              | 63 - 70        | •      | •    | •     |
| 0815074Z    | •              | 74 - 80        | •      | •    | •     |
| 0815083Z    | •              | 83 - 91        | •      | •    | •     |
| 0815100Z    | •              | 100 - 105      | •      | •    | •     |
| 0815108Z    | •              | 108 - 114      | •      | •    | •     |
| 0815115Z    | •              | 115 - 125      | •      | •    | •     |
| 0815159Z    | •              | 159 - 169      | •      | •    | •     |
| 0603003Z    | Base Plate     | 8-10mm Thread  |        |      |       |

**Thread:** All pipe clamps are combined 8 and 10mm attachments.

#### Zinc black



#### Base Plate



### Cofix Dacromet quick locking black pipe clamp - not suitable for PP-R

| Article No. | Dimension (mm) | Clamping Range | system |      |       |
|-------------|----------------|----------------|--------|------|-------|
|             |                |                | green  | blue | lilac |
| 0806012D    | •              | 12 - 14        | •      | •    | •     |
| 0806015D    | •              | 15 - 19        | •      | •    | •     |
| 0806021D    | •              | 21 - 23        | •      | •    | •     |
| 0806026D    | •              | 26 - 28        | •      | •    | •     |
| 0806032D    | •              | 32 - 35        | •      | •    | •     |
| 0815038D    | •              | 38 - 45        | •      | •    | •     |
| 0815048D    | •              | 48 - 56        | •      | •    | •     |
| 0815057D    | •              | 57 - 61        | •      | •    | •     |
| 0815063D    | •              | 63 - 70        | •      | •    | •     |
| 0815074D    | •              | 74 - 80        | •      | •    | •     |
| 0815083D    | •              | 83 - 91        | •      | •    | •     |
| 0815100D    | •              | 100 - 105      | •      | •    | •     |
| 0815108D    | •              | 108 - 114      | •      | •    | •     |
| 0815115D    | •              | 115 - 125      | •      | •    | •     |
| 0815159D    | •              | 159 - 169      | •      | •    | •     |
| 0812204D    | •              | 204 - 210      | •      | •    | •     |
| 0812210D    | •              | 210 - 219      | •      | •    | •     |

**Thread:** All pipe clamps are combined 8 and 10mm attachments.

#### Dacromet black





## Cofix Non-Insulated Galvanized Steel Clamp

**Material: Steel - suitable for Steel,PVC and PE**

| Article No. | Dimension (mm) | Clamping Range | system |     |    |
|-------------|----------------|----------------|--------|-----|----|
|             |                |                | Steel  | PVC | PE |
| 0850015     | 15             | 15 - 17        | •      | •   | •  |
| 0850020     | 20             | 20 - 23        | •      | •   | •  |
| 0850025     | 25             | 25 - 27        | •      | •   | •  |
| 0850032     | 32             | 32 - 36        | •      | •   | •  |
| 0850040     | 40             | 40 - 45        | •      | •   | •  |
| 0850050     | 50             | 50 - 56        | •      | •   | •  |
| 0850065     | 65             | 63 - 69        | •      | •   | •  |
| 0850080     | 80             | 80 - 91        | •      | •   | •  |
| 0850100     | 100            | 100 - 115      | •      | •   | •  |
| 0850150     | 150            | 150 - 165      | •      | •   | •  |



## Cofix Holderbat Aluminium Clamp

**Material: Aluminium - suitable for PVC**

| Article No. | Dimension mm | Clamping Range | system |     |    |
|-------------|--------------|----------------|--------|-----|----|
|             |              |                | Steel  | PVC | PE |
| 0852080     | 80           | 80 - 91        |        | •   |    |
| 0852100     | 100          | 100 - 114      |        | •   |    |
| 0852150     | 150          | 150 - 169      |        | •   |    |
| 0852200     | 200          | 200 - 210      |        | •   |    |



## Cofix Double Hole Bracket

**Material: Steel - suitable for Steel and PVC**

| Article No. | Dimension mm | Packing Unit | system |     |    |
|-------------|--------------|--------------|--------|-----|----|
|             |              |              | Steel  | PVC | PE |
| 0995022     | 15           | 100          | •      | •   |    |
| 0995028     | 20           | 100          | •      | •   |    |
| 0995032     | 25           | 100          | •      | •   |    |
| 0995034     | 32           | 100          | •      | •   |    |
| 0995038     | 40           | 50           | •      | •   |    |
| 0995050     | 50           | 50           | •      | •   |    |



## Cofix Flatbar pipe hanger with 10mm thread

**Material: Steel - suitable for all clips**

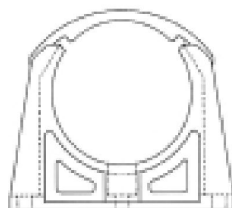
| Article No. | Dimension mm | Packing Unit | system    |
|-------------|--------------|--------------|-----------|
|             |              |              | All Clips |
| 0853460     | 440 x 20     | 10           | •         |





## PTD support clips - (plastic)

| Article No.  | Dimension (mm) | Packing Unit | system |      |       |
|--------------|----------------|--------------|--------|------|-------|
|              |                |              | green  | blue | lilac |
| <b>PTD20</b> | 20             | 1            | •      | •    | •     |
| <b>PTD25</b> | 25             | 1            | •      | •    | •     |
| <b>PTD32</b> | 32             | 1            | •      | •    | •     |
| <b>PTD40</b> | 40             | 1            | •      | •    | •     |
| <b>PTD50</b> | 50             | 1            | •      | •    | •     |
| <b>PTD63</b> | 63             | 1            | •      | •    | •     |
| <b>PTD75</b> | 75             | 1            | •      | •    | •     |

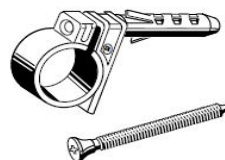


Consider loadings

## aqualtherm - plastic pipe clamps

| Article No.    | Dimension (mm) | Packing Unit | system |      |       |
|----------------|----------------|--------------|--------|------|-------|
|                |                |              | green  | blue | lilac |
| <b>0060616</b> | 16             | 50           | •      | •    | •     |
| <b>0060620</b> | 20             | 50           | •      | •    | •     |
| <b>0060625</b> | 25             | 30           | •      | •    | •     |
| <b>0060632</b> | 32             | 30           | •      | •    | •     |
| <b>0060640</b> | 40             | 30           | •      | •    | •     |

**Material:** fusiolen® PP-R (80)  
**Colour:** Green



## Pipe clip (with nail) Green for PPR

| Article No.              | Dimension (mm) | Packing Unit | Pipe system |      |       |
|--------------------------|----------------|--------------|-------------|------|-------|
|                          |                |              | green       | blue | lilac |
| <b>0060716</b>           | 16             | 100          | •           | •    | •     |
| <b>0060720</b>           | 20             | 80           | •           | •    | •     |
| <b>0060725 (2 nails)</b> | 25             | 30           | •           | •    | •     |

16mm



## Pipe clip (with nail) Black for PEX/PEX-AL/Pert

| Article No.              | Dimension (mm) | Packing Unit | Pipe system |        |      |
|--------------------------|----------------|--------------|-------------|--------|------|
|                          |                |              | PEX         | PEX-AL | Pert |
| <b>0060816</b>           | 16             | 100          | •           | •      | •    |
| <b>0060820</b>           | 20             | 80           | •           | •      | •    |
| <b>0060825 (2 nails)</b> | 25             | 40           | •           | •      | •    |

20mm



## Pipe clip (with nail) Yellow for Gas

| Article No.             | Dimension (mm) | Packing Unit | Pipe system |  |  |
|-------------------------|----------------|--------------|-------------|--|--|
|                         |                |              | Gas         |  |  |
| <b>0060916</b>          | 16             | 100          | •           |  |  |
| <b>0060920</b>          | 20             | 80           | •           |  |  |
| <b>0060925 (2nails)</b> | 25             | 40           | •           |  |  |

25mm





## ACCESSORIES

### aqualtherm repair plug

Material fusison PP-R (80) for closing holes up to 10mm

aqualtherm repair kit (art no.50307 resp. 50311)

| Article No. | Dimension (mm) | Packing Unit | system |      |       |
|-------------|----------------|--------------|--------|------|-------|
|             |                |              | green  | blue | lilac |
| 0060600     | 7-11           | 10           | •      | •    | •     |



### aqualtherm U.V. paint

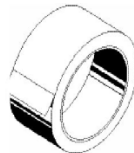
(waterbase acrylic)

| Article No. | Dimension (mm) | Packing Unit | system |      |       |
|-------------|----------------|--------------|--------|------|-------|
|             |                |              | green  | blue | lilac |
| UV202541    | 1 litre tin    | 1            | •      | •    | •     |



### U.V. heat shrink black wrap

| Article No. | Dimension (mm) | Packing Unit | system |      |       |
|-------------|----------------|--------------|--------|------|-------|
|             |                |              | green  | blue | lilac |
| 0010870     | 30 x 10        | 1            | •      | •    | •     |
| 0010871     | 50 x 10        | 1            | •      | •    | •     |



### aqualtherm overbridge

| Article No. | Dimension (mm) | Packing Unit | system |      |       |
|-------------|----------------|--------------|--------|------|-------|
|             |                |              | green  | blue | lilac |
| 0016106     | 16             | 10           | •      | •    | •     |
| 0016108     | 20             | 10           | •      | •    | •     |
| 0016110     | 25             | 10           | •      | •    | •     |
| 0016112     | 32             | 5            | •      | •    | •     |



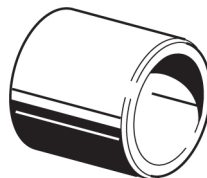




## FITTINGS

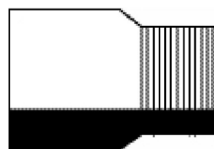
### aqualtherm - socket

| Article No. | Dimension (mm) | Packing Unit | system |      |       |
|-------------|----------------|--------------|--------|------|-------|
|             |                |              | green  | blue | lilac |
| 0011006     | 16             | 10           | •      |      |       |
| 0011008     | 20             | 10           | •      | •    | •     |
| 0011010     | 25             | 10           | •      | •    | •     |
| 0011012     | 32             | 5            | •      | •    | •     |
| 0011014     | 40             | 5            | •      | •    | •     |
| 0011016     | 50             | 5            | •      | •    | •     |
| 0011018     | 63             | 1            | •      | •    | •     |
| 0011020     | 75             | 1            | •      | •    | •     |
| 0011022     | 90             | 1            | •      | •    | •     |
| 0011024     | 110            | 1            | •      | •    | •     |
| 0011026     | 125            | 1            | •      | •    | •     |



### aqualtherm - PPR male plastic transition (cold only)

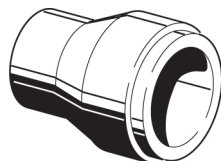
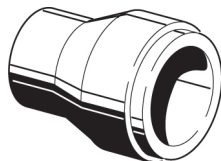
| Article No. | Dimension (mm) | Packing Unit | system |      |       |
|-------------|----------------|--------------|--------|------|-------|
|             |                |              | green  | blue | lilac |
| 0099810     | 16 to 1/2"     | 1            | •      | •    | •     |
| 0011907     | 20 to 1/2"     | 1            | •      | •    | •     |
| 0011908     | 20 to 3/4"     | 1            | •      | •    | •     |
| 0099813     | 25 to 3/4"     | 1            | •      | •    | •     |
| 0099814     | 25 to 1"       | 1            | •      | •    | •     |
| 0099815     | 32 to 1"       | 1            | •      | •    | •     |
| 0099816     | 32 to 1 1/4"   | 1            | •      | •    | •     |
| 0099817     | 40 to 1 1/4"   | 1            | •      | •    | •     |
| 0099818     | 40 to 1 1/2"   | 1            | •      | •    | •     |
| 0011915     | 50 to 1 1/2"   | 1            | •      | •    | •     |
| 0099820     | 50 to 2"       | 1            | •      | •    | •     |
| 0011918     | 63 to 2"       | 1            | •      | •    | •     |
| 0011920     | 75 to 3"       | 1            | •      | •    | •     |





## aqualtherm - reducer socket, (socket welding)

| Article No.                    | Dimension (mm)    | Packing unit | system |      |       |
|--------------------------------|-------------------|--------------|--------|------|-------|
|                                |                   |              | green  | blue | lilac |
| double-sided socket welding    |                   |              |        |      |       |
| 0011109                        | 20/16             | 10           | •      | •    | •     |
| 0011110                        | 25/16             | 10           | •      | •    | •     |
| 0011112                        | 25/20             | 10           | •      | •    | •     |
| 0011114                        | 32/20             | 5            | •      | •    | •     |
| 0011116                        | 32/25             | 5            | •      | •    | •     |
| 0011118                        | 40/20             | 5            | •      | •    | •     |
| 0011120                        | 40/25             | 5            | •      | •    | •     |
| 0011122                        | 40/32             | 5            | •      | •    | •     |
| 0011124                        | 50/20             | 5            | •      | •    | •     |
| 0011126                        | 50/25             | 5            | •      | •    | •     |
| 0011128                        | 50/32             | 5            | •      | •    | •     |
| 0011130                        | 50/40             | 5            | •      | •    | •     |
| 0011131                        | 63/20             | 5            | •      | •    | •     |
| 0011132                        | 63/25             | 5            | •      | •    | •     |
| 0011134                        | 63/32             | 1            | •      | •    | •     |
| 0011136                        | 63/40             | 1            | •      | •    | •     |
| 0011138                        | 63/50             | 1            | •      | •    | •     |
| 0011139                        | 75/40             | 1            | •      | •    | •     |
| 0011140                        | 75/50             | 1            | •      | •    | •     |
| 0011142                        | 75/63             | 1            | •      | •    | •     |
| 0011143                        | 75/20             | 1            | •      | •    | •     |
| 0011144                        | 75/25             | 1            | •      | •    | •     |
| 0011145                        | 75/32             | 1            | •      | •    | •     |
| 0011151                        | 90/50             | 1            | •      | •    | •     |
| 0011152                        | 90/63             | 1            | •      | •    | •     |
| 0011153                        | 90/75             | 1            | •      | •    | •     |
| 0011155                        | 110/63            | 1            | •      | •    | •     |
| 0011157                        | 110/75            | 1            | •      | •    | •     |
| 0011159                        | 110/90            | 1            | •      | •    | •     |
| 0011161                        | 125/75            | 1            | •      | •    | •     |
| 0011163                        | 125/90            | 1            | •      | •    | •     |
| 0011165                        | 125/110           | 1            | •      | •    | •     |
| reducing socket & butt welding |                   |              |        |      |       |
| 0011175                        | SDR 11 - 160/110  | 1            | •      | •    | •     |
| 0011176                        | SDR 7.4 - 160/125 | 1            | •      | •    | •     |
| 0011177                        | SDR 11 - 160/125  | 1            | •      | •    | •     |
| 0011183                        | SDR 11 - 200/125  | 1            | •      | •    | •     |
| reducing butt welding          |                   |              |        |      |       |
| 0011185                        | SDR 11 - 200/160  | 1            | •      | •    | •     |
| 0011189                        | SDR 11 - 250/160  | 1            | •      | •    | •     |



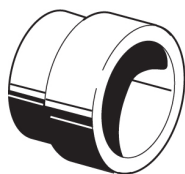


## aquatherm - reducer socket, (socket welding) continued

| Article No.           | Dimension (mm)   | Packing Unit | system |      |       |
|-----------------------|------------------|--------------|--------|------|-------|
|                       |                  |              | green  | blue | lilac |
| reducing butt welding |                  |              |        |      |       |
| 0011191               | SDR 11 - 250/200 | 1            | ●      | ●    | ●     |
| 0011195               | SDR 11 - 315/250 | 1            | ●      | ●    | ●     |

## aquatherm reducing socket (female/female)

| Article No.    | Dimension d (mm) | Packing Unit | system |      |       |
|----------------|------------------|--------------|--------|------|-------|
|                |                  |              | green  | blue | lilac |
| <b>0011222</b> | 40/32            | 1            | •      | •    | •     |
| <b>0011228</b> | 50/32            | 1            | •      | •    | •     |
| <b>0011230</b> | 50/40            | 1            | •      | •    | •     |
| <b>0011236</b> | 63/40            | 1            | •      | •    | •     |
| <b>0011238</b> | 63/50            | 1            | •      | •    | •     |
| <b>0011240</b> | 75/50            | 1            | •      | •    | •     |
| <b>0011242</b> | 75/63            | 1            | •      | •    | •     |
| <b>0011252</b> | 90/63            | 1            | •      | •    | •     |
| <b>0011253</b> | 90/75            | 1            | •      | •    | •     |
| <b>0011257</b> | 110/75           | 1            | •      | •    | •     |
| <b>0011259</b> | 110/90           | 1            | •      | •    | •     |
| <b>0011263</b> | 125/90           | 1            | •      | •    | •     |
| <b>0011265</b> | 125/110          | 1            | •      | •    | •     |



## aquatherm - elbow 90°

| Article No.    | Dimension d (mm) | Packing Unit | system |      |       |
|----------------|------------------|--------------|--------|------|-------|
|                |                  |              | green  | blue | lilac |
| socket welding |                  |              |        |      |       |
| 0012106        | 16               | 10           | •      |      |       |
| 0012108        | 20               | 10           | •      | •    | •     |
| 0012110        | 25               | 10           | •      | •    | •     |
| 0012112        | 32               | 5            | •      | •    | •     |
| 0012114        | 40               | 5            | •      | •    | •     |
| 0012116        | 50               | 5            | •      | •    | •     |
| 0012118        | 63               | 1            | •      | •    | •     |
| 0012120        | 75               | 1            | •      | •    | •     |
| 0012122        | 90               | 1            | •      | •    | •     |
| 0012124        | 110              | 1            | •      | •    | •     |
| 0012126        | 125              | 1            | •      | •    | •     |
| butt welding   |                  |              |        |      |       |
| 0012131        | SDR 11 - 160     | 1            | •      | •    | •     |
| 0012135        | SDR 11 - 200     | 1            | •      | •    | •     |
| 0012139        | SDR 11 - 250     | 1            | •      | •    | •     |





## aqualtherm - elbow 90° (female/male)

| Article No.    | Dimension (mm) | Packing Unit | system |      |       |
|----------------|----------------|--------------|--------|------|-------|
|                |                |              | green  | blue | lilac |
| socket welding |                |              |        |      |       |
| 0012306        | 16             | 10           | ●      | ●    | ●     |
| 0012308        | 20             | 10           | ●      | ●    | ●     |
| 0012310        | 25             | 10           | ●      | ●    | ●     |
| 0012312        | 32             | 5            | ●      | ●    | ●     |
| 0012314        | 40             | 5            | ●      | ●    | ●     |



## aqualtherm - elbow 45° socket welding

| Article No.    | Dimension (mm) | Packing Unit | system |      |       |
|----------------|----------------|--------------|--------|------|-------|
|                |                |              | green  | blue | lilac |
| socket welding |                |              |        |      |       |
| 0012506        | 16             | 10           | •      |      |       |
| 0012508        | 20             | 10           | •      | •    | •     |
| 0012510        | 25             | 10           | •      | •    | •     |
| 0012512        | 32             | 5            | •      | •    | •     |
| 0012514        | 40             | 5            | •      | •    | •     |
| 0012516        | 50             | 5            | •      | •    | •     |
| 0012518        | 63             | 1            | •      | •    | •     |
| 0012520        | 75             | 1            | •      | •    | •     |
| 0012522        | 90             | 1            | •      | •    | •     |
| 0012524        | 110            | 1            | •      | •    | •     |
| 0012526        | 125            | 1            | •      | •    | •     |
| butt welding   |                |              |        |      |       |
| 0012531        | SDR 11 - 160   | 1            | •      | •    | •     |
| 0012535        | SDR 11 - 200   | 1            | •      | •    | •     |
| 0012539        | SDR 11 - 250   | 1            | •      | •    | •     |



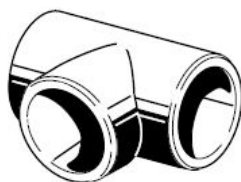
## aqualtherm - elbow 45° (female/male)

| Article No.    | Dimension (mm) | Packing Unit | system |      |       |
|----------------|----------------|--------------|--------|------|-------|
|                |                |              | green  | blue | lilac |
| socket welding |                |              |        |      |       |
| 0012708        | 20             | 10           | ●      | ●    | ●     |
| 0012710        | 25             | 10           | ●      | ●    | ●     |
| 0012712        | 32             | 5            | ●      | ●    | ●     |
| 0012714        | 40             | 5            | ●      | ●    | ●     |



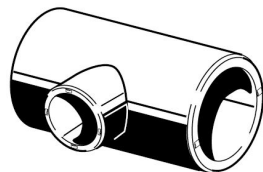
## aqualtherm - T piece socket welding

| Article No.    | Dimension (mm) | Packing Unit | system |      |       |
|----------------|----------------|--------------|--------|------|-------|
|                |                |              | green  | blue | lilac |
| socket welding |                |              |        |      |       |
| 0013106        | 16             | 10           | ●      | ●    | ●     |
| 0013108        | 20             | 10           | ●      | ●    | ●     |
| 0013110        | 25             | 10           | ●      | ●    | ●     |
| 0013112        | 32             | 5            | ●      | ●    | ●     |
| 0013114        | 40             | 5            | ●      | ●    | ●     |
| 0013116        | 50             | 5            | ●      | ●    | ●     |
| 0013118        | 63             | 1            | ●      | ●    | ●     |
| 0013120        | 75             | 1            | ●      | ●    | ●     |
| 0013122        | 90             | 1            | ●      | ●    | ●     |
| 0013124        | 110            | 1            | ●      | ●    | ●     |
| 0013126        | 125            | 1            | ●      | ●    | ●     |
| butt welding   |                |              |        |      |       |
| 0013131        | SDR 11 - 160   | 1            | ●      | ●    | ●     |
| 0013135        | SDR 11 - 200   | 1            | ●      | ●    | ●     |
| 0013139        | SDR 11 - 250   | 1            | ●      | ●    | ●     |



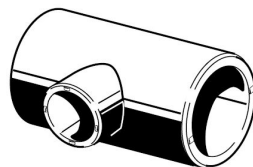
## aqualtherm - reducing tee

| Article No.    | Dimension (mm) | Packing Unit | system |      |       |
|----------------|----------------|--------------|--------|------|-------|
|                |                |              | green  | blue | lilac |
| socket welding |                |              |        |      |       |
| 0013506        | 20, 16, 16     | 10           | •      | •    | •     |
| 0013508        | 20, 16, 20     | 10           | •      |      |       |
| 0013510        | 20, 20, 16     | 10           | •      | •    | •     |
| 0013511        | 20, 25, 20     | 10           | •      | •    | •     |
| 0013512        | 25, 16, 16     | 10           | •      | •    | •     |
| 0013514        | 25, 16, 20     | 10           | •      | •    | •     |
| 0013516        | 25, 16, 25     | 10           | •      | •    | •     |
| 0013520        | 25, 20, 20     | 10           | •      | •    | •     |
| 0013522        | 25, 20, 25     | 10           | •      | •    | •     |
| 0013528        | 32, 16, 32     | 5            | •      | •    | •     |
| 0013532        | 32,20, 20      | 5            | •      | •    | •     |
| 0013534        | 32, 20, 32     | 5            | •      | •    | •     |
| 0013538        | 32, 25, 25     | 5            | •      | •    | •     |
| 0013540        | 32, 25, 32     | 5            | •      | •    | •     |
| 0013542        | 40, 20, 40     | 5            | •      | •    | •     |



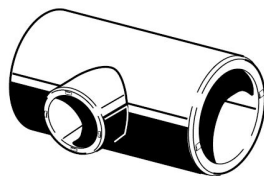
## aquatherm - reducing tee continued

| Article No.                                                                                         | Dimension (mm) | Packing Unit | system |      |       |
|-----------------------------------------------------------------------------------------------------|----------------|--------------|--------|------|-------|
|                                                                                                     |                |              | green  | blue | lilac |
| socket welding                                                                                      |                |              |        |      |       |
| 0013542                                                                                             | 40, 20, 40     | 5            | ●      | ●    | ●     |
| 0013544                                                                                             | 40, 25, 40     | 5            | ●      | ●    | ●     |
| 0013546                                                                                             | 40, 32, 40     | 5            | ●      | ●    | ●     |
| 0013547                                                                                             | 50, 20, 50     | 5            | ●      | ●    | ●     |
| 0013548                                                                                             | 50, 25, 50     | 5            | ●      | ●    | ●     |
| 0013550                                                                                             | 50, 32, 50     | 5            | ●      | ●    | ●     |
| 0013551                                                                                             | 50, 40, 50     | 5            | ●      | ●    | ●     |
| 0013552                                                                                             | 63, 20, 63     | 1            | ●      | ●    | ●     |
| 0013554                                                                                             | 63, 25, 63     | 1            | ●      | ●    | ●     |
| 0013556                                                                                             | 63, 32, 63     | 1            | ●      | ●    | ●     |
| 0013558                                                                                             | 63, 40, 63     | 1            | ●      | ●    | ●     |
| 0013560                                                                                             | 63, 50, 63     | 1            | ●      | ●    | ●     |
| 0013561                                                                                             | 75, 20, 75     | 1            | ●      | ●    | ●     |
| 0013562                                                                                             | 75, 25, 75     | 1            | ●      | ●    | ●     |
| 0013564                                                                                             | 75, 32, 75     | 1            | ●      | ●    | ●     |
| 0013566                                                                                             | 75, 40, 75     | 1            | ●      | ●    | ●     |
| 0013568                                                                                             | 75, 50, 75     | 1            | ●      | ●    | ●     |
| 0013570                                                                                             | 75, 63, 75     | 1            | ●      | ●    | ●     |
| 0013576 1)                                                                                          | 90, 32, 90     | 1            | ●      | ●    | ●     |
| 0013578 1)                                                                                          | 90, 40, 90     | 1            | ●      | ●    | ●     |
| 0013580 1)                                                                                          | 90, 50, 90     | 1            | ●      | ●    | ●     |
| 0013582 1)                                                                                          | 90, 63, 90     | 1            | ●      | ●    | ●     |
| 0013584 1)                                                                                          | 90, 75, 90     | 1            | ●      | ●    | ●     |
| 0013586 1)                                                                                          | 110, 63, 110   | 1            | ●      | ●    | ●     |
| 0013588 1)                                                                                          | 110, 75, 110   | 1            | ●      | ●    | ●     |
| 0013590 1)                                                                                          | 110, 90, 110   | 1            | ●      | ●    | ●     |
| 0013592 1)                                                                                          | 125, 75, 125   | 1            | ●      | ●    | ●     |
| 0013594 1)                                                                                          | 125, 90, 125   | 1            | ●      | ●    | ●     |
| 0013596 1)                                                                                          | 125, 110, 125  | 1            | ●      | ●    | ●     |
| 1) mechanically stabilized through a fibre mix integrated in the middle layer of the fusiofen® PP-R |                |              |        |      |       |



## aqualtherm - reducing tee - continued

| Article No.             | Dimension (mm)         | Packing Unit | system |      |       |
|-------------------------|------------------------|--------------|--------|------|-------|
|                         |                        |              | green  | blue | lilac |
| branch : socket welding |                        |              |        |      |       |
| 0013601                 | SDR 11 - 160, 75, 160  | 1            | ●      | ●    | ●     |
| 0013603                 | SDR 11 - 160, 90, 160  | 1            | ●      | ●    | ●     |
| 0013609                 | SDR 11 - 200, 75, 200  | 1            | ●      |      | ●     |
| 0013611                 | SDR 11 - 200, 90, 200  | 1            | ●      |      | ●     |
| 0013613                 | SDR 11 - 200, 110, 200 | 1            | ●      |      | ●     |
| 0013615                 | SDR 11 - 200, 125, 200 | 1            | ●      |      | ●     |
| branch: butt welding    |                        |              |        |      |       |
| 0013619                 | SDR 11 - 200, 160, 200 | 1            | ●      |      | ●     |
| branch : socket welding |                        |              |        |      |       |
| 0013625                 | SDR 11 - 250, 75, 250  | 1            | ●      |      | ●     |
| 0013627                 | SDR 11 - 250, 90, 250  | 1            | ●      |      | ●     |
| 0013629                 | SDR 11 - 250, 110, 250 | 1            | ●      |      | ●     |
| 0013631                 | SDR 11 - 250, 125, 250 | 1            | ●      |      | ●     |
| branch: butt welding    |                        |              |        |      |       |
| 0013635                 | SDR 11 - 250, 160, 250 | 1            | ●      |      | ●     |
| 0013641                 | SDR 11 - 250, 200, 250 | 1            | ●      |      | ●     |



## aqualtherm - end cap

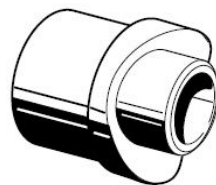
| Article No.    | Dimension d (mm) | Packing Unit | system |      |       |
|----------------|------------------|--------------|--------|------|-------|
|                |                  |              | green  | blue | lilac |
| socket welding |                  |              |        |      |       |
| 0014106        | 16               | 10           | ●      |      |       |
| 0014108        | 20               | 10           | ●      | ●    | ●     |
| 0014110        | 25               | 10           | ●      | ●    | ●     |
| 0014112        | 32               | 5            | ●      | ●    | ●     |
| 0014114        | 40               | 5            | ●      | ●    | ●     |
| 0014116        | 50               | 5            | ●      | ●    | ●     |
| 0014118        | 63               | 1            | ●      | ●    | ●     |
| 0014120        | 75               | 1            | ●      | ●    | ●     |
| 0014122        | 90               | 1            | ●      | ●    | ●     |
| 0014124        | 110              | 1            | ●      | ●    | ●     |
| 0014126        | 125              | 1            | ●      | ●    | ●     |
| butt welding   |                  |              |        |      |       |
| 0014131        | SDR 11 - 160     | 1            | ●      | ●    | ●     |
| 0014135        | SDR 11 - 200     | 1            | ●      | ●    | ●     |
| 0014139        | SDR 11 - 250     | 1            | ●      | ●    | ●     |



## CONNECTIONS AND ACCESSORIES

### aquatherm weld-in-saddle

| Article No.    | Dimension (mm) | Packing Unit | system |      |       |
|----------------|----------------|--------------|--------|------|-------|
|                |                |              | green  | blue | lilac |
| socket welding |                |              |        |      |       |
| 0015156*       | 40, 20         | 5            | •      | •    | •     |
| 0015158*       | 40, 25         | 5            | •      | •    | •     |
| 0015160        | 50, 20         | 5            | •      | •    | •     |
| 0015162        | 50, 25         | 5            | •      | •    | •     |
| 0015164        | 63, 20         | 5            | •      | •    | •     |
| 0015166        | 63, 25         | 5            | •      | •    | •     |
| 0015168        | 63, 32         | 5            | •      | •    | •     |
| 0015170        | 75, 20         | 5            | •      | •    | •     |
| 0015172        | 75, 25         | 5            | •      | •    | •     |
| 0015174        | 75, 32         | 5            | •      | •    | •     |
| 0015175        | 75, 40         | 5            | •      | •    | •     |
| 0015176        | 90, 20         | 5            | •      | •    | •     |
| 0015178        | 90, 25         | 5            | •      | •    | •     |
| 0015180        | 90, 32         | 5            | •      | •    | •     |
| 0015181        | 90, 40         | 5            | •      | •    | •     |
| 0015182        | 110, 20        | 5            | •      | •    | •     |
| 0015184        | 110, 25        | 5            | •      | •    | •     |
| 0015186        | 110, 32        | 5            | •      | •    | •     |
| 0015188        | 110, 40        | 5            | •      | •    | •     |
| 0015189        | 110, 50        | 5            | •      | •    | •     |
| 0015190        | 125, 20        | 5            | •      | •    | •     |
| 0015192        | 125, 25        | 5            | •      | •    | •     |
| 0015194        | 125, 32        | 5            | •      | •    | •     |
| 0015196        | 125, 40        | 5            | •      | •    | •     |
| 0015197        | 125, 50        | 5            | •      | •    | •     |
| 0015198        | 125, 63        | 5            | •      | •    | •     |
| 0015206        | 160, 20        | 5            | •      | •    | •     |
| 0015208        | 160, 25        | 5            | •      | •    | •     |
| 0015210        | 160, 32        | 5            | •      | •    | •     |
| 0015212        | 160, 40        | 5            | •      | •    | •     |
| 0015214        | 160, 50        | 5            | •      | •    | •     |
| 0015216        | 160, 63        | 5            | •      | •    | •     |
| 0015218        | 160,175        | 5            | •      | •    | •     |
| 0015228        | 200-250, 20    | 5            | •      | •    | •     |
| 0015229        | 200-250, 25    | 5            | •      | •    | •     |
| 0015230        | 200-250, 32    | 5            | •      | •    | •     |



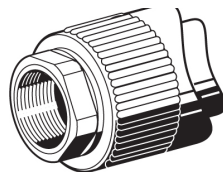
\*Not recommended to use with Aquatherm blue pipe.





## aqualtherm weld-in-saddle (female thread)

| Article No.    | Dimension d (mm)    | Packing Unit | system |      |       |
|----------------|---------------------|--------------|--------|------|-------|
|                |                     |              | green  | blue | lilac |
| socket welding |                     |              |        |      |       |
|                |                     |              |        |      |       |
| 0028234        | 40/25 x 3/4"f       | 5            | ●      | ●    | ●     |
| 0028236        | 50/25 x 3/4"f       | 5            | ●      | ●    | ●     |
| 0028238        | 63/25 x 3/4"f       | 5            | ●      | ●    | ●     |
| 0028240        | 75/25 x 3/4"f       | 5            | ●      | ●    | ●     |
| 0028242        | 90/25 x 3/4"f       | 5            | ●      | ●    | ●     |
| 0028244        | 110/25 x 3/4"f      | 5            | ●      | ●    | ●     |
| 0028246        | 125/25 x 3/4"f      | 5            | ●      | ●    | ●     |
| 0028250        | 160/25 x 3/4"f      | 5            | ●      | ●    | ●     |
| 0028254        | 200-250/ 25 x 3/4"f | 5            | ●      | ●    | ●     |
| 0028260        | 75/32 x 1"f         | 5            | ●      | ●    | ●     |
| 0028262        | 90/32 x 1"f         | 5            | ●      | ●    | ●     |
| 0028264        | 110/32 x 1"f        | 5            | ●      | ●    | ●     |
| 0028266        | 125/32 x 1"f        | 5            | ●      | ●    | ●     |
| 0028270        | 160/32 x 1"f        | 5            | ●      | ●    | ●     |
| 0028274        | 200-250/32 x 1"f    | 5            | ●      | ●    | ●     |

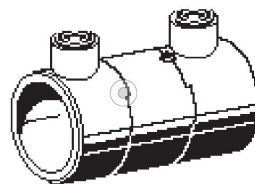


## TRANSITION PIECES

### aquatherm electrofusion socket

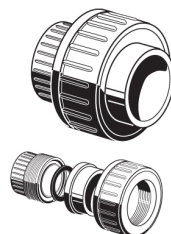
| Article No.              | Dimension d (mm) | Packing Unit | system |      |       |
|--------------------------|------------------|--------------|--------|------|-------|
|                          |                  |              | green  | blue | lilac |
| Electro - socket welding |                  |              |        |      |       |
| 0017208                  | 20               | 1            | •      | •    | •     |
| 0017210                  | 25               | 1            | •      | •    | •     |
| 0017212                  | 32               | 1            | •      | •    | •     |
| 0017214                  | 40               | 1            | •      | •    | •     |
| 0017216                  | 50               | 1            | •      | •    | •     |
| 0017218                  | 63               | 1            | •      | •    | •     |
| 0017220                  | 75               | 1            | •      | •    | •     |
| 0017222                  | 90               | 1            | •      | •    | •     |
| 0017224                  | 110              | 1            | •      | •    | •     |
| 0017226                  | 125              | 1            | •      | •    | •     |
| 0017230                  | 160              | 1            | •      | •    | •     |
| 0017234                  | 200              | 1            | •      | •    | •     |
| 0017238                  | 250              | 1            | •      | •    | •     |

Tool: **aquatherm** electrofusion device (Art.No 50175) **aquatherm** peeling tool (Art.No 50558-50580)  
On working with **aquatherm green pipe** stabi composite pipes a SPECIAL peeling tool has to be used.



### aquatherm plastic coupling screw joint

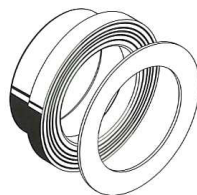
| Article No.    | Dimension d (mm) | Packing Unit | system |      |       |
|----------------|------------------|--------------|--------|------|-------|
|                |                  |              | green  | blue | lilac |
| <b>0015838</b> | 20               | 10           | •      | •    | •     |
| <b>0015840</b> | 25               | 10           | •      | •    | •     |
| <b>0015842</b> | 32               | 5            | •      | •    | •     |
| <b>0015844</b> | 40               | 5            | •      | •    | •     |
| <b>0015846</b> | 50               | 5            | •      | •    | •     |
| <b>0015848</b> | 63               | 1            | •      | •    | •     |
| <b>0015850</b> | 75               | 1            | •      | •    | •     |





## aquatherm flange adaptor including gasket

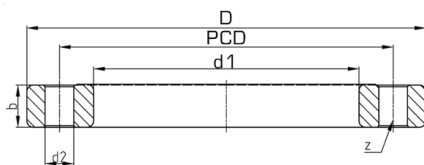
| Article No.    | Dimension d (mm) | Packing Unit | system |      |       |
|----------------|------------------|--------------|--------|------|-------|
|                |                  |              | green  | blue | lilac |
| socket welding |                  |              |        |      |       |
| 0015512        | 32               | 1            | ●      | ●    | ●     |
| 0015514        | 40               | 1            | ●      | ●    | ●     |
| 0015516        | 50               | 1            | ●      | ●    | ●     |
| 0015518        | 63               | 1            | ●      | ●    | ●     |
| 0015520        | 75               | 1            | ●      | ●    | ●     |
| 0015522        | 90               | 1            | ●      | ●    | ●     |
| 0015524        | 110              | 1            | ●      | ●    | ●     |
| 0015526*       | 125              | 1            | ●      | ●    | ●     |
| 0015527        | 125              | 1            | ●      | ●    | ●     |
| butt welding   |                  |              |        |      |       |
| 0015531        | SDR 11 - 160     | 1            | ●      | ●    | ●     |
| 0015535        | SDR 11 - 200     | 1            | ●      | ●    | ●     |
| 0015539        | SDR 11 - 250     | 1            | ●      | ●    | ●     |



\*only recommended with fitting 125mm, with 110mm flange adaptor.

## galvanised flange table E

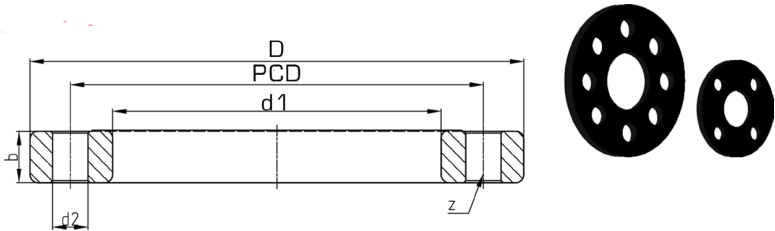
| Art No.        | Dimension mm | fits to Article No. | inches | d1     | D      | PCD    | d2    | b     | z    | system |      |       |
|----------------|--------------|---------------------|--------|--------|--------|--------|-------|-------|------|--------|------|-------|
|                |              |                     |        |        |        |        |       |       |      | green  | blue | lilac |
| socket welding |              |                     |        |        |        |        |       |       |      |        |      |       |
| 0016716        | 50           | 15516               | 2"     | 62.00  | 151.00 | 114.00 | 18.00 | 14.00 | 4.00 | ●      | ●    | ●     |
| 0016718        | 63           | 15518               | 2 1/2" | 78.00  | 166.00 | 127.00 | 18.00 | 14.00 | 4.00 | ●      | ●    | ●     |
| 0016720        | 75           | 15520               | 3"     | 92.00  | 186.00 | 146.00 | 18.00 | 14.00 | 4.00 | ●      | ●    | ●     |
| 0016721        | 75           | 15522               | 3"     | 110.00 | 186.00 | 146.00 | 18.00 | 14.00 | 4.00 | ●      | ●    | ●     |
| 0016722        | 90           | 15522               | 3 1/2" | 110.00 | 201.00 | 160.00 | 18.00 | 16.00 | 8.00 | ●      | ●    | ●     |
| 0016724        | 110          | 15524<br>15526      | 4"     | 133.00 | 221.00 | 178.00 | 18.00 | 17.00 | 8.00 | ●      | ●    | ●     |
| 0016726        | 125          | 15527               | 5"     | 167.00 | 251.00 | 210.00 | 18.00 | 17.00 | 8.00 | ●      | ●    | ●     |
| 0016730        | 160          | 15531               | 5"     | 178.88 | 286.00 | 235.00 | 22.00 | 17.00 | 8.00 | ●      | ●    | ●     |





aquatherm plastic flange (with steel insert PA10/16)

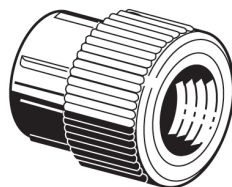
| Art No.             | Dimension (mm) | fits to Article No.                 | inches | d1     | D      | PCD    | d2     | b     | z     | system |      |       |
|---------------------|----------------|-------------------------------------|--------|--------|--------|--------|--------|-------|-------|--------|------|-------|
|                     |                |                                     |        |        |        |        |        |       |       | green  | blue | lilac |
| socket welding      |                |                                     |        |        |        |        |        |       |       |        |      |       |
| 0015712             | 32             | 15512                               | 1 1/4" | 42,00  | 116,00 | 85,00  | 116,00 | 15.50 | 4,00  | ●      | ●    | ●     |
| 0015714             | 40             | 15514                               | 1 1/2" | 51.00  | 141.00 | 100.00 | 18.00  | 17.50 | 4,00  | ●      | ●    | ●     |
| 0015716             | 50             | 15516                               | 2"     | 62.00  | 151.00 | 110.00 | 18.00  | 17.50 | 4,00  | ●      | ●    | ●     |
| 0015718             | 63             | 15518                               | 2 1/2" | 78.00  | 166.00 | 125.00 | 18.00  | 19.00 | 4,00  | ●      | ●    | ●     |
| 0015720             | 75             | 15520                               | 3"     | 92.00  | 186.00 | 145.00 | 18.00  | 19.00 | 4,00  | ●      | ●    | ●     |
| 0015722             | 90             | 15522                               |        | 110.00 | 201.00 | 160.00 | 18.00  | 21.00 | 8,00  | ●      | ●    | ●     |
| 0015724             | 110            | 15524<br>15526                      | 4"     | 133.00 | 221.00 | 180.00 | 18.00  | 22.00 | 8,00  | ●      | ●    | ●     |
| 0015726             | 125            | 15527                               | 5"     | 167.00 | 251.00 | 210.00 | 18.00  | 26.00 | 8,00  | ●      | ●    | ●     |
| 0015730             | 160            | 15530<br>15531<br>2515530           | 6"     | 178.00 | 286.00 | 240.00 | 22.00  | 27.00 | 8,00  | ●      | ●    | ●     |
| 0015734             | 200            | 15534<br>15535<br>315534<br>2515534 | 7 3/4" | 235    | 341.00 | 295.00 | 22     | 28.00 | 8,00  | ●      | ●    | ●     |
| 0015738             | 250            | 15543<br>2515542                    | 10"    | 288.00 | 406.00 | 350.00 | 22.00  | 31.00 | 12,00 | ●      | ●    | ●     |
| for SDR 7.4,11,17.6 |                |                                     |        |        |        |        |        |       |       |        |      |       |



## **TRANSITION PIECES**

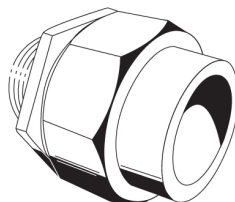
### **aqualtherm - transition piece (round)**

| Article No.    | Dimension d (mm) | Packing Unit | system |      |       |
|----------------|------------------|--------------|--------|------|-------|
|                |                  |              | green  | blue | lilac |
| <b>0021006</b> | 16 x 1/2"f       | 10           | •      | •    | •     |
| <b>0021008</b> | 20 x 1/2"f       | 10           | •      | •    | •     |
| <b>0021010</b> | 20 x 3/4"f       | 10           | •      | •    | •     |
| <b>0021011</b> | 25 x 1/2"f       | 10           | •      | •    | •     |
| <b>0021012</b> | 25 x 3/4"f       | 10           | •      | •    | •     |
| <b>0021013</b> | 32 x 3/4"f       | 5            | •      | •    | •     |



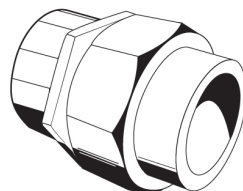
### **aqualtherm - transition union (male thread)**

| Article No.    | Dimension d (mm) | Packing Unit | system |      |       |
|----------------|------------------|--------------|--------|------|-------|
|                |                  |              | green  | blue | lilac |
| <b>0026608</b> | 20 x 1/2"m       | 1            | •      | •    | •     |
| <b>0026610</b> | 25 x 3/4"m       | 1            | •      | •    | •     |
| <b>0026612</b> | 32 x 1"m         | 1            | •      | •    | •     |
| <b>0026614</b> | 40 x 1 1/4"m     | 1            | •      | •    | •     |
| <b>0026616</b> | 50 x 1 1/2"m     | 1            | •      | •    | •     |
| <b>0026618</b> | 63 x 2"m         | 1            | •      | •    | •     |



### **aqualtherm - transition union (female thread)**

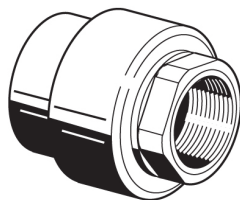
| Article No.    | Dimension d (mm) | Packing Unit | system |      |       |
|----------------|------------------|--------------|--------|------|-------|
|                |                  |              | green  | blue | lilac |
| <b>0026638</b> | 20 x 1/2"f       | 1            | •      | •    | •     |
| <b>0026640</b> | 25 x 3/4"f       | 1            | •      | •    | •     |
| <b>0026642</b> | 32 x 1"f         | 1            | •      | •    | •     |
| <b>0026644</b> | 40 x 1 1/4"f     | 1            | •      | •    | •     |
| <b>0026646</b> | 50 x 1 1/2"f     | 1            | •      | •    | •     |
| <b>0026648</b> | 63 x 2"f         | 1            | •      | •    | •     |





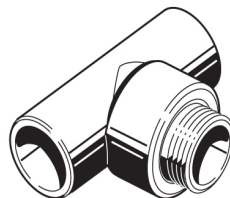
## aqualtherm - transition piece (female thread hex shaped threaded transition)

| Article No. | Dimension d (mm) | Packing Unit | system |      |       |
|-------------|------------------|--------------|--------|------|-------|
|             |                  |              | green  | blue | lilac |
| 0021110     | 20 x 3/4"f       | 10           | •      | •    | •     |
| 0021112     | 25 x 3/4"f       | 10           | •      | •    | •     |
| 0021113     | 32 x 3/4"f       | 5            | •      | •    | •     |
| 0021114     | 32 x 1"f         | 5            | •      | •    | •     |
| 0021115     | 40 x 1"f         | 5            | •      | •    | •     |
| 0021116     | 40 x 1 1/4"f     | 5            | •      | •    | •     |
| 0021117     | 50 x 1 1/4"f     | 5            | •      | •    | •     |
| 0021118     | 50 x 1 1/2"f     | 5            | •      | •    | •     |
| 0021119     | 63 x 1 1/2"f     | 1            | •      | •    | •     |
| 0021120     | 63 x 2"f         | 1            | •      | •    | •     |
| 0021122     | 75 x 2"f         | 1            | •      | •    | •     |



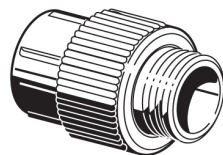
## aqualtherm transition tee (male thread)

| Article No. | Dimension d (mm) | Packing Unit | system |      |       |
|-------------|------------------|--------------|--------|------|-------|
|             |                  |              | green  | blue | lilac |
| 0025506     | 20 x 1/2"m x 30  | 10           | •      | •    | •     |



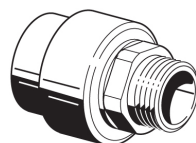
## aqualtherm transition piece (round)

| Article No. | Dimension d (mm) | Packing Unit | system |      |       |
|-------------|------------------|--------------|--------|------|-------|
|             |                  |              | green  | blue | lilac |
| 0021206     | 16 x 1/2"m       | 10           | •      |      |       |
| 0021208     | 20 x 1/2"m       | 10           | •      | •    | •     |
| 0021210     | 20 x 3/4"m       | 10           | •      | •    | •     |
| 0021211     | 25 x 1/2"m       | 10           | •      | •    | •     |
| 0021212     | 25 x 3/4"m       | 10           | •      | •    | •     |
| 0021213     | 32 x 3/4"m       | 5            | •      | •    | •     |



## aqualtherm - transition piece (with male thread with hex shaped threaded transition)

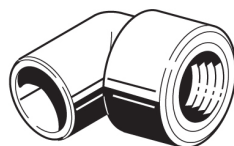
| Article No. | Dimension d (mm) | Packing Unit | system |      |       |
|-------------|------------------|--------------|--------|------|-------|
|             |                  |              | green  | blue | lilac |
| 0021306     | 16 x 1/2"m       | 10           | •      |      |       |
| 0021308     | 20 x 1/2"m       | 10           | •      | •    | •     |
| 0021310     | 20 x 3/4"m       | 10           | •      | •    | •     |
| 0021312     | 25 x 3/4"m       | 10           | •      | •    | •     |
| 0021314     | 32 x 1"m         | 5            | •      | •    | •     |
| 0021316     | 32 x 1 1/4"m     | 5            | •      | •    | •     |
| 0021317     | 40 x 1"m         | 5            | •      | •    | •     |
| 0021318     | 40 x 1 1/4"m     | 5            | •      | •    | •     |
| 0021319     | 50 x 1 1/4"m     | 5            | •      | •    | •     |
| 0021320     | 50 x 1 1/2"m     | 5            | •      | •    | •     |
| 0021321     | 63 x 1 1/2"m     | 1            | •      | •    | •     |
| 0021322     | 63 x 2"m         | 1            | •      | •    | •     |
| 0021323     | 75 x 2"m         | 1            | •      | •    | •     |
| 0021324     | 75 x 2 1/2"m     | 1            | •      | •    | •     |
| 0021325     | 90 x 3"m         | 1            | •      | •    | •     |
| 0021327     | 110 x 4"m        | 1            | •      | •    | •     |



With hexagon socket.  
fusiotherm® - metal-compound fittings are manufactured from fusilen® PP-R (80) and DR Brass..

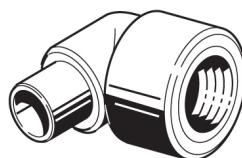
## aqualtherm - transition elbow (female)

| Article No. | Dimension d (mm) | Packing Unit | system |      |       |
|-------------|------------------|--------------|--------|------|-------|
|             |                  |              | green  | blue | lilac |
| 0023006     | 16 x 1/2"f       | 10           | •      |      |       |
| 0023008     | 20 x 3/4"f       | 10           | •      | •    | •     |
| 0023010     | 20 x 1/2"f       | 10           | •      | •    | •     |
| 0023012     | 25 x 3/4"f       | 10           | •      | •    | •     |
| 0023014     | 25 x 1/2"f       | 10           | •      | •    | •     |
| 0023016     | 32 x 3/4"f       | 5            | •      | •    | •     |
| 0023018     | 32 x 1"f         | 5            | •      | •    | •     |



## aqualtherm - transition elbow (female thread)

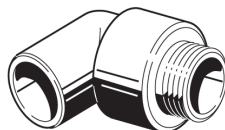
| Article No. | Dimension d (mm) | Packing Unit | system |      |       |
|-------------|------------------|--------------|--------|------|-------|
|             |                  |              | green  | blue | lilac |
| 0023006     | 16 x 1/2"f       | 10           | •      | •    | •     |
| 0023208     | 20 x 1 1/2"f     | 10           | •      | •    | •     |





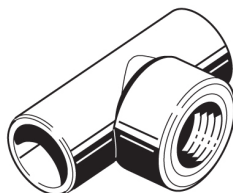
## aquatherm - transition elbow (male thread)

| Article No. | Dimension d (mm) | Packing Unit | system |      |       |
|-------------|------------------|--------------|--------|------|-------|
|             |                  |              | green  | blue | lilac |
| 0023504     | 16 mm x 1/2"m    | 10           | •      |      |       |
| 0023506     | 20 mm x 1/2"m    | 10           | •      | •    | •     |
| 0023508     | 20 mm x 3/4"m    | 10           | •      | •    | •     |
| 0023510     | 25 mm x 3/4"m    | 10           | •      | •    | •     |
| 0023512     | 32 mm x 3/4"m    | 5            | •      | •    | •     |
| 0023514     | 32 mm x 1"m      | 5            | •      | •    | •     |



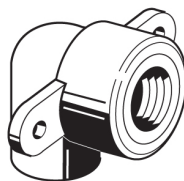
## aquatherm - transition branch tee (female thread)

| Article No. | Dimension d (mm)   | Packing Unit | system |      |       |
|-------------|--------------------|--------------|--------|------|-------|
|             |                    |              | green  | blue | lilac |
| 0025004     | 16 x 1/2"f x 16 mm | 10           | •      |      |       |
| 0025006     | 20 x 1/2"f x 20 mm | 10           | •      | •    | •     |
| 0025008     | 20 x 3/4"f x 20 mm | 10           | •      | •    | •     |
| 0025010     | 25 x 1/2"f x 25 mm | 10           | •      | •    | •     |
| 0025012     | 25 x 3/4"f x 25 mm | 5            | •      | •    | •     |
| 0025013     | 32 x 1/2"f x 32 mm | 5            | •      | •    | •     |
| 0025014     | 32 x 3/4"f x 32 mm | 5            | •      | •    | •     |
| 0025016     | 32 x 1"f x 32 mm   | 5            | •      | •    | •     |
| 0025018     | 40 x 1/2"f x 40mm  | 5            | •      | •    | •     |
| 0025020     | 40 x 1"f x 40mm    | 5            | •      | •    | •     |
| 0025022     | 50 x 1"f x 50 mm   | 5            | •      | •    | •     |



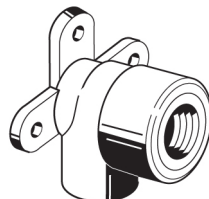
## aquatherm - back plate elbow (for dry construction)

| Article No.    | Dimension d (mm) | Packing Unit | system |      |       |
|----------------|------------------|--------------|--------|------|-------|
|                |                  |              | green  | blue | lilac |
| socket welding |                  |              |        |      |       |
| 0020156        | 16 mm x 1/2"f    | 10           | ●      | ●    | ●     |
| 0020158        | 20 mm x 1/2"f    | 10           | ●      | ●    | ●     |



## aquatherm back plate elbow

| Article No.    | Dimension d (mm) | Packing Unit | system |      |       |
|----------------|------------------|--------------|--------|------|-------|
|                |                  |              | green  | blue | lilac |
| socket welding |                  |              |        |      |       |
| 0020106        | 16 mm x 1/2"f    | 10           | ●      |      |       |
| 0020108        | 20 mm x 1/2"f    | 10           | ●      | ●    | ●     |
| 0020110        | 20 mm x 3/4"f    | 10           | ●      | ●    | ●     |







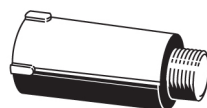
## aqualtherm back plate elbow

| Article No.    | Dimension d (mm) | Packing Unit | system |      |       |
|----------------|------------------|--------------|--------|------|-------|
|                |                  |              | green  | blue | lilac |
| socket welding |                  |              |        |      |       |
| 0020112        | 25 mm x 3/4" f   | 10           | ●      | ●    | ●     |
| 0020113        | 25 mm x 1/2" f   | 10           | ●      | ●    | ●     |



## aqualtherm - thread plug

| Article No.    | Dimension d (mm) | Packing Unit | system |      |       |
|----------------|------------------|--------------|--------|------|-------|
|                |                  |              | green  | blue | lilac |
| <b>0050708</b> | 1/2"             | 10           | •      | •    | •     |
| <b>0050710</b> | 3/4"             | 10           | •      | •    | •     |



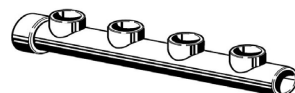
## aqualtherm - swivel adaptor union

| Article No.    | Dimension d (mm) | R    | Packing Unit | system |      |       |
|----------------|------------------|------|--------------|--------|------|-------|
|                |                  |      |              | green  | blue | lilac |
| <b>0099046</b> | 16               | 1/2" | 1            | •      |      |       |
| <b>0099047</b> | 20               | 1/2" | 1            | •      | •    | •     |
| <b>0099048</b> | 20               | 3/4" | 1            | •      | •    | •     |



## aqualtherm - four-port manifold

| Article No.    | dimension mm | Packing Unit | system |      |       |
|----------------|--------------|--------------|--------|------|-------|
|                |              |              | green  | blue | lilac |
| <b>0030602</b> | 32 x16       | 1            | •      | •    | •     |
| <b>0030604</b> | 32 x 20      | 1            | •      | •    | •     |



## aqualtherm ball valve – polypropylene

| Article No.    | Dimension d (mm) | Packing Unit | system |      |       |
|----------------|------------------|--------------|--------|------|-------|
|                |                  |              | green  | blue | lilac |
| <b>0044908</b> | 20               | 1            | •      | •    | •     |
| <b>0044910</b> | 25               | 1            | •      | •    | •     |
| <b>0044912</b> | 32               | 1            | •      | •    | •     |
| <b>0044914</b> | 40               | 1            | •      | •    | •     |
| <b>0044916</b> | 50               | 1            | •      | •    | •     |
| <b>0044918</b> | 63               | 1            | •      | •    | •     |
| <b>0044920</b> | 75               | 1            | •      | •    | •     |



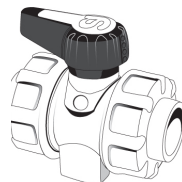
10 bar rated **Note:** 5 year product replacement warranty only.



## VALVES AND DRESSING SETS

### aquatherm ball-valve union-polypropylene (with union and welding socket)

| Article No. | Dimension d (mm) | Packing Unit | system |      |       |
|-------------|------------------|--------------|--------|------|-------|
|             |                  |              | green  | blue | lilac |
| 0041488     | 20               | 1            | •      | •    | •     |
| 0041490     | 25               | 1            | •      | •    | •     |
| 0041492     | 32               | 1            | •      | •    | •     |
| 0041494     | 40               | 1            | •      | •    | •     |
| 0041496     | 50               | 1            | •      | •    | •     |
| 0041498     | 63               | 1            | •      | •    | •     |
| 0041400     | 75               | 1            | •      | •    | •     |



### aquatherm ball valve – polypropylene (with flange connection on both sides)

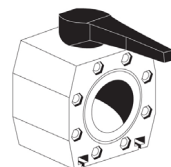
| Article No. | for ø | Dimension d (mm) | Packing Unit | system |      |       |
|-------------|-------|------------------|--------------|--------|------|-------|
|             |       |                  |              | green  | blue | lilac |
| 0041602     | 90    | 77               | 1            | •      | •    | •     |
| 0041604     | 110   | 94               | 1            | •      | •    | •     |
| 0041607     | 160   | 135              | 1            | •      | •    | •     |

For dimension 125 mm the PP-ball valve Art.-No. 41604 with flange adapter Art.-No. 15526 and flange Art.-No. 15724 is used.

For connection with aquatherm-weldable flange adapter (Art.-No. 15520-15531) and aquatherm plastic coated steel flange (Art.-No. 15720-15730)

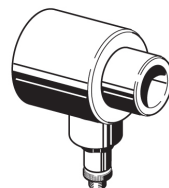
Hexagon screw M16x60mm for Art.-No. 41602/41604 Hexagon screw M16x80mm for Art.-No. 41607 corresponding flat washer M16

NOTICE: These are not included in delivery.



### aquatherm - draining branch (to weld in aquatherm valves)

| Article No. | Dimension d (mm) | Packing Unit | system |      |       |
|-------------|------------------|--------------|--------|------|-------|
|             |                  |              | green  | blue | lilac |
| 0041408     | 20               | 1            | •      | •    | •     |
| 0041410     | 25               | 1            | •      | •    | •     |
| 0041412     | 32               | 1            | •      | •    | •     |
| 0041414     | 40               | 1            | •      | •    | •     |
| 0041416     | 50               | 1            | •      | •    | •     |
| 0041418     | 63               | 1            | •      | •    | •     |





## Wafer butterfly valve

| Article No. | Dimension d (mm) | Packing Unit | system |      |       |
|-------------|------------------|--------------|--------|------|-------|
|             |                  |              | green  | blue | lilac |
| 1510050     | 50               | 1            | •      | •    | •     |
| 1510065     | 65               | 1            | •      | •    | •     |
| 1510080     | 80               | 1            | •      | •    | •     |
| 1510100     | 100              | 1            | •      | •    | •     |



## Lug butterfly valve

| Article No. | Dimension d (mm) | Packing Unit | system |      |       |
|-------------|------------------|--------------|--------|------|-------|
|             |                  |              | green  | blue | lilac |
| 1520050     | 50               | 1            | •      | •    | •     |
| 1520065     | 65               | 1            | •      | •    | •     |
| 1520080     | 80               | 1            | •      | •    | •     |
| 1520100     | 100              | 1            | •      | •    | •     |
| 1520150     | 150*             | 1            | •      | •    | •     |



\*Sizes available on order

## Single sphere flange

| Article No. | Dimension d (mm) | Packing Unit | system |      |       |
|-------------|------------------|--------------|--------|------|-------|
|             |                  |              | green  | blue | lilac |
| 1530065     | 65               | 1            | •      | •    | •     |
| 1530080     | 80               | 1            | •      | •    | •     |
| 1530100     | 100              | 1            | •      | •    | •     |



## Dual flap wafer check valve

| Article No. | Dimension d (mm) | Packing Unit | system |      |       |
|-------------|------------------|--------------|--------|------|-------|
|             |                  |              | green  | blue | lilac |
| 1550050     | 50               | 1            | •      | •    | •     |
| 1550065     | 65               | 1            | •      | •    | •     |
| 1550080     | 80               | 1            | •      | •    | •     |
| 1550100     | 100              | 1            | •      | •    | •     |





## Bolt & washer dressing set for Lug valve

| Article No.     | Dimension d (mm) | Length (mm) | Packing Unit | system |      |       |
|-----------------|------------------|-------------|--------------|--------|------|-------|
|                 |                  |             |              | green  | blue | lilac |
| <b>LV100</b>    | 100              | 65          | 8            | •      | •    | •     |
| <b>LV506580</b> | 50, 65, 80       | 50          | 4            | •      | •    | •     |



## Bolt, nut & washer dressing set for wafer valve

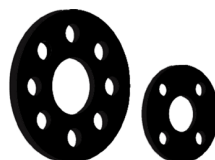
| Article No.     | Dimension d (mm) | Length (mm) | Packing Unit (per pack) | system |      |       |
|-----------------|------------------|-------------|-------------------------|--------|------|-------|
|                 |                  |             |                         | green  | blue | lilac |
| <b>RE100</b>    | 100              | 90          | 8                       | •      | •    | •     |
| <b>RE6580</b>   | 65, 80           | 75          | 4                       | •      | •    | •     |
| <b>WV100</b>    | 100              | 180         | 8                       | •      | •    | •     |
| <b>WV506580</b> | 50, 65, 80       | 140         | 4                       | •      | •    | •     |



## Gaskets

askets

| Article No. | Dimension d (mm) | Packing Unit | system |      |       |
|-------------|------------------|--------------|--------|------|-------|
|             |                  |              | green  | blue | lilac |
| EPDM        |                  |              |        |      |       |
| FGR050EP    | 50               | 1            | ●      | ●    | ●     |
| FGR065EP    | 65               | 1            | ●      | ●    | ●     |
| FGR080EP    | 80               | 1            | ●      | ●    | ●     |
| FGR100EP    | 100              | 1            | ●      | ●    | ●     |
| Fibre       |                  |              |        |      |       |
| FGR050FI    | 50               | 1            | ●      | ●    | ●     |
| FGR065FI    | 65               | 1            | ●      | ●    | ●     |
| FGR080FI    | 80               | 1            | ●      | ●    | ●     |
| FGR100FI    | 100              | 1            | ●      | ●    | ●     |

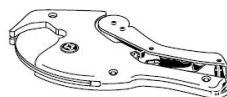




## TOOLS

### aqualtherm - pipe cutter

| Article No. | Dimension d (mm)        | Packing Unit | system |      |       |
|-------------|-------------------------|--------------|--------|------|-------|
|             |                         |              | green  | blue | lilac |
| 0050104     | for pipes ø 16 - 40     | 1            | •      | •    | •     |
| 0050446     | cutting blade for 50104 | 1            | •      | •    | •     |
| 0050105     | for pipes ø 50 - 125    | 1            | •      | •    | •     |
| 0050445     | cutting wheel for 50105 | 1            | •      | •    | •     |



### Deburring tool

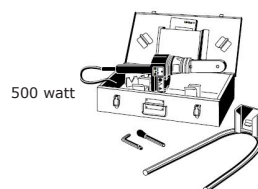
| Article No. | Dimension d (mm) | Packing Unit | system |      |       |
|-------------|------------------|--------------|--------|------|-------|
|             |                  |              | green  | blue | lilac |
| 0010006     |                  | 1            | •      | •    | •     |



### aqualtherm - manual welding device

| Article No. | Dimension d (mm)    | Packing Unit | system |      |       |
|-------------|---------------------|--------------|--------|------|-------|
|             |                     |              | green  | blue | lilac |
| 0050336     | for pipes ø 16 - 32 | 1            | •      | •    | •     |

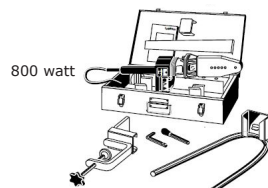
**Note: Does not include welding heads.**



500 watt

| Article No. | Dimension d (mm)    | Packing Unit | system |      |       |
|-------------|---------------------|--------------|--------|------|-------|
|             |                     |              | green  | blue | lilac |
| 0050337     | for pipes ø 16 - 63 | 1            | •      | •    | •     |

**Note: Does not include welding heads.**

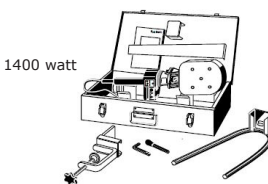


800 watt

| Article No. | Dimension d (mm)     | Packing Unit | system |      |       |
|-------------|----------------------|--------------|--------|------|-------|
|             |                      |              | green  | blue | lilac |
| 0050341     | for pipes ø 50 - 125 | 1            | •      | •    | •     |

With base and case for storage of welding tools.

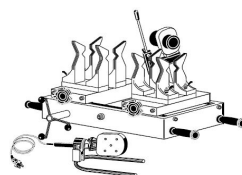
**Note: Does not include welding heads.**



1400 watt

| Article No. | Dimension d (mm)     | Packing Unit | system |      |       |
|-------------|----------------------|--------------|--------|------|-------|
|             |                      |              | green  | blue | lilac |
| 0050148     | for pipes ø 50 - 125 | 1            | •      | •    | •     |

Incl. welding tools 50 - 125mm (Art. 50216 - 50226) aqualtherm manual welding device 1400 Watt (Art. 50141) and case for transport.





## Prisma drill welding device

| Article No.                                        | Dimension d (mm)     | Packing Unit | system |      |       |
|----------------------------------------------------|----------------------|--------------|--------|------|-------|
|                                                    |                      |              | green  | blue | lilac |
| <b>94650002</b>                                    | for pipes ø 63 - 125 | 1            | •      | •    | •     |
| With case, fork support, machine case, user manual |                      |              |        |      |       |



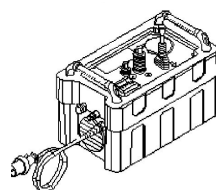
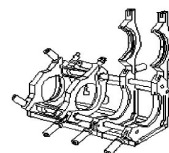
## Prisma Light - welding device - Jig

| Article No.             | Dimension d (mm)     | Packing Unit | system |      |       |
|-------------------------|----------------------|--------------|--------|------|-------|
|                         |                      |              | green  | blue | lilac |
| <b>0050145</b>          | for pipes ø 50 - 125 | 1            | •      | •    | •     |
| Also available for hire |                      |              |        |      |       |



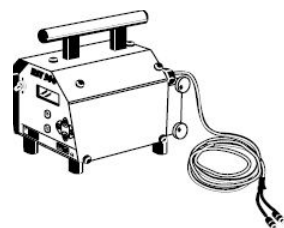
## aqualtherm - butt welding machine

| Article No.                                                                            | Dimension d (mm)      | Packing Unit | system |      |       |
|----------------------------------------------------------------------------------------|-----------------------|--------------|--------|------|-------|
|                                                                                        |                       |              | green  | blue | lilac |
| <b>0050160</b>                                                                         | for pipes ø 160       | 1            | •      | •    | •     |
| <b>0050165</b>                                                                         | for pipes ø 160 - 250 | 1            | •      | •    | •     |
| <b>0050166</b>                                                                         | for pipes ø 160 - 315 | 1            | •      | •    | •     |
| <b>0050177</b>                                                                         | for pipes ø 160 - 355 | 1            | •      | •    | •     |
| Also available for hire                                                                |                       |              |        |      |       |
| including welding tools 50 - 125 mm, manual welding device (1400 W) and transport case |                       |              |        |      |       |



## aqualtherm - electrofusion device

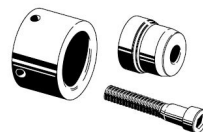
| Article No.                                             | Dimension d (mm)     | Packing Unit | system |      |       |
|---------------------------------------------------------|----------------------|--------------|--------|------|-------|
|                                                         |                      |              | green  | blue | lilac |
| <b>0050175</b>                                          | for pipes ø 20 - 160 | 1            | •      | •    | •     |
| Also available for hire                                 |                      |              |        |      |       |
| for aqualtherm - electrofusion sockets Art. 17208-17230 |                      |              |        |      |       |





## aqualtherm - welding tools - heads

| Article No.             | Dimension d (mm) | Packing Unit | system |      |       |
|-------------------------|------------------|--------------|--------|------|-------|
|                         |                  |              | green  | blue | lilac |
| 0050206                 | 16               | 1            | •      | •    | •     |
| 0050208                 | 20               | 1            | •      | •    | •     |
| 0050210                 | 25               | 1            | •      | •    | •     |
| 0050212                 | 32               | 1            | •      | •    | •     |
| 0050214                 | 40               | 1            | •      | •    | •     |
| 0050216                 | 50               | 1            | •      | •    | •     |
| 0050218                 | 63               | 1            | •      | •    | •     |
| 0050220                 | 75               | 1            | •      | •    | •     |
| 0050222                 | 90               | 1            | •      | •    | •     |
| 0050224                 | 110              | 1            | •      | •    | •     |
| 0050226                 | 125              | 1            | •      | •    | •     |
| Also available for hire |                  |              |        |      |       |



## aqualtherm - repair set

| Article No.                                                                  | Dimension d (mm) | Packing Unit | system |      |       |
|------------------------------------------------------------------------------|------------------|--------------|--------|------|-------|
|                                                                              |                  |              | green  | blue | lilac |
| 0050307                                                                      | 7                | 1            | •      | •    | •     |
| 0050311                                                                      | 11               | 1            | •      | •    | •     |
| to close holes of up to 10 mm in the pipe (pipe repair stick Art.-No. 60600) |                  |              |        |      |       |



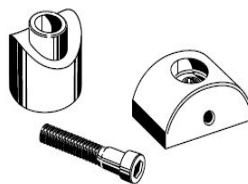
## aqualtherm - drill

| Article No. | Dimension d (mm)                      | Packing Unit | system |      |       |
|-------------|---------------------------------------|--------------|--------|------|-------|
|             |                                       |              | green  | blue | lilac |
| 0050940     | 20 & 25 mm<br>(for pipes 40 - 160 mm) | 1            | •      | •    | •     |
| 0050941     | 20 & 25 mm<br>(for pipes 63 - 250 mm) | 1            | •      | •    | •     |
| 0050942     | 32 mm                                 | 1            | •      | •    | •     |
| 0050944     | 40 mm                                 | 1            | •      | •    | •     |
| 0050946     | 50 mm                                 | 1            | •      | •    | •     |
| 0050948     | 63 mm                                 | 1            | •      | •    | •     |



## aqualtherm - welding tool for weld in saddle

| Article No.                             | Dimension d (mm) | Packing Unit | system |      |       |
|-----------------------------------------|------------------|--------------|--------|------|-------|
|                                         |                  |              | green  | blue | lilac |
| 0050614                                 | 40 x 20/25       | 1            | •      | •    | •     |
| 0050616                                 | 50 x 20/25       | 1            | •      | •    | •     |
| 0050619                                 | 63 x 20/25       | 1            | •      | •    | •     |
| 0050620                                 | 63 x 32          | 1            | •      | •    | •     |
| 0050623                                 | 75 x 20/25       | 1            | •      | •    | •     |
| 0050624                                 | 75 x 32          | 1            | •      | •    | •     |
| 0050625                                 | 75 x 40          | 1            | •      | •    | •     |
| 0050627                                 | 90 x 20/25       | 1            | •      | •    | •     |
| 0050628                                 | 90 x 32          | 1            | •      | •    | •     |
| 0050629                                 | 90 x 40          | 1            | •      | •    | •     |
| 0050631                                 | 110 x 20/25      | 1            | •      | •    | •     |
| 0050632                                 | 110 x 32         | 1            | •      | •    | •     |
| 0050634                                 | 110 x 40         | 1            | •      | •    | •     |
| 0050635                                 | 110 x 50         | 1            | •      | •    | •     |
| 0050636                                 | 125 x 20/25      | 1            | •      | •    | •     |
| 0050638                                 | 125 x 32         | 1            | •      | •    | •     |
| 0050640                                 | 125 x 40         | 1            | •      | •    | •     |
| 0050642                                 | 125 x 50         | 1            | •      | •    | •     |
| 0050644                                 | 125 x 63         | 1            | •      | •    | •     |
| 0050648                                 | 160 x 20/25      | 1            | •      | •    | •     |
| 0050650                                 | 160 x 32         | 1            | •      | •    | •     |
| 0050652                                 | 160 x 40         | 1            | •      | •    | •     |
| 0050654                                 | 160 x 50         | 1            | •      | •    | •     |
| 0050656                                 | 160 x 63         | 1            | •      | •    | •     |
| 0050660                                 | 200 x 20/25      | 1            | •      | •    | •     |
| 0050662                                 | 200 x 32         | 1            | •      | •    | •     |
| 0050664                                 | 200 x 40         | 1            | •      | •    | •     |
| 0050666                                 | 200 x 50         | 1            | •      | •    | •     |
| 0050668                                 | 200 x 63         | 1            | •      | •    | •     |
| 0050672                                 | 250 x 20/25      | 1            | •      | •    | •     |
| 0050674                                 | 250 x 32         | 1            | •      | •    | •     |
| 0050676                                 | 250 x 40         | 1            | •      | •    | •     |
| 0050678                                 | 250 x 50         | 1            | •      | •    | •     |
| 0050680                                 | 250 x 63         | 1            | •      | •    | •     |
| Also available for hire up to 63mm only |                  |              |        |      |       |

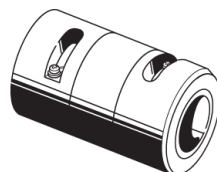






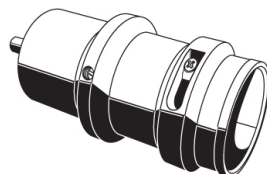
## aqualtherm - peeling tool for UV

| Article No.             | Dimension d (mm) | Packing Unit | system |      |    |
|-------------------------|------------------|--------------|--------|------|----|
|                         |                  |              | green  | blue | UV |
| 0050506                 | 16 & 20          | 1            | •      | •    | •  |
| 0050508                 | 20 & 25          | 1            | •      | •    | •  |
| 0050512                 | 32 & 40          | 1            | •      | •    | •  |
| 0050516                 | 50 & 63          | 1            | •      | •    | •  |
| 0050518                 | 63 & 75          | 1            | •      | •    | •  |
| 0050520                 | 75 & 90          | 1            | •      | •    | •  |
| 0050526                 | 110 & 125        | 1            | •      | •    | •  |
| Also available for hire |                  |              |        |      |    |



## aqualtherm - peeling tool for electrofusion

| Article No.             | Dimension d (mm) | Packing Unit | system |      |    |
|-------------------------|------------------|--------------|--------|------|----|
|                         |                  |              | green  | blue | UV |
| 0050558                 | 20               | 1            | •      | •    | •  |
| 0050560                 | 25               | 1            | •      | •    | •  |
| 0050562                 | 32               | 1            | •      | •    | •  |
| 0050564                 | 40               | 1            | •      | •    | •  |
| 0050566                 | 50               | 1            | •      | •    | •  |
| 0050568                 | 63               | 1            | •      | •    | •  |
| 0050570                 | 75               | 1            | •      | •    | •  |
| 0050572                 | 90               | 1            | •      | •    | •  |
| 0050574                 | 110              | 1            | •      | •    | •  |
| 0050576                 | 125              | 1            | •      | •    | •  |
| 0050580                 | 160              | 1            | •      | •    | •  |
| Also available for hire |                  |              |        |      |    |

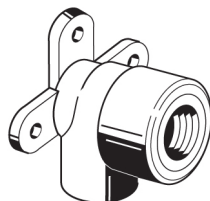


# Stainless Steel fittings

## 304 - fittings with threads made of stainless steel

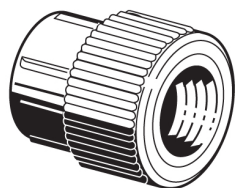
### 304- back plate elbow

| Article No. | Dimension d (mm) | kg/pc | Packing unit m/pc |
|-------------|------------------|-------|-------------------|
| 0920108     | 20 mm x 1/2" f   | 0.085 | 10                |
| 0920110     | 20 mm x 3/4" f   | 0.111 | 10                |
| 0920112     | 25 mm x 3/4" f   | 0.111 | 10                |
| 0920113     | 25 mm x 1/2" f   | 0.091 | 10                |



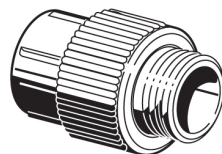
### 304 - transition piece with female thread round

| Article No. | Dimension d (mm) | kg/pc | Packing unit m/pc |
|-------------|------------------|-------|-------------------|
| 0921008     | 20 mm x 1/2" f   | 0.070 | 10                |
| 0921010     | 20 mm x 3/4" f   | 0.090 | 10                |
| 0921011     | 25 mm x 1/2" f   | 0.071 | 10                |
| 0921012     | 25 mm x 3/4" f   | 0.086 | 10                |
| 0921013     | 32 mm x 3/4" f   | 0.093 | 5                 |
| 0921114     | 32 mm x 1" f     | 0.239 | 5                 |
| 0921115     | 40mm x 1" f      | 0.246 | 5                 |
| 0921116     | 40 mm x 1 1/4" f | 0.383 | 5                 |
| 0921117     | 50 mm x 1 1/4" f | 0.401 | 5                 |
| 0921118     | 50 mm x 1 1/2" f | 0.445 | 5                 |
| 0921119     | 63 mm x 1 1/2" f | 0.468 | 1                 |
| 0921120     | 63 mm x 2" f     | 0.650 | 1                 |
| 0921122     | 75 mm 2" f       | 0.611 | 1                 |



### 304 - transition piece round

| Article No. | Dimension d (mm) | kg/pc | Packing unit m/pc |
|-------------|------------------|-------|-------------------|
| 0921208     | 20 mm x 1/2" m   | 0.096 | 10                |
| 0921210     | 20 mm x 3/4" m   | 0.108 | 10                |
| 0921211     | 25 mm x 1/2" m   | 0.099 | 10                |
| 0921212     | 25 mm x 3/4" m   | 0.108 | 10                |
| 0921213     | 32 mm x 3/4" m   | 0.113 | 5                 |
| 0921214     | 32 mm x 1"       | 0.260 | 5                 |
| 0921323     | 75mm x 2"        | 0.953 | 5                 |

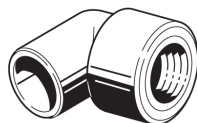


# Stainless Steel fittings

## 304 - fittings with threads made of stainless steel

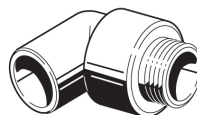
### 304 - transition elbow with female thread

| Article No. | Dimension d (mm) | kg/pc | Packing unit m/pc |
|-------------|------------------|-------|-------------------|
| 0923008     | 20 mm x 3/4" f   | 0.108 | 10                |
| 0923010     | 20 mm x 1/2" f   | 0.081 | 10                |
| 0923012     | 25 mm x 3/4" f   | 0.106 | 10                |
| 0923014     | 25 mm x 1/2" f   | 0.087 | 10                |
| 0923015     | 32 mm x 1/2" f   | 0.098 | 5                 |
| 0923016     | 32 mm x 3/4" f   | 0.110 | 5                 |
| 0923018     | 32 mm x 1" f     | 0.260 | 5                 |



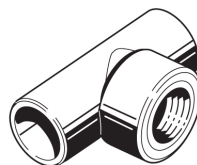
### 304 - transition piece with male thread

| Article No. | Dimension d (mm) | kg/pc | Packing unit m/pc |
|-------------|------------------|-------|-------------------|
| 0923506     | 20 mm x 1/2" m   | 0.109 | 10                |
| 0923508     | 20 mm x 3/4" m   | 0.128 | 10                |
| 0923510     | 25 mm x 3/4" m   | 0.124 | 10                |
| 0923512     | 32 mm x 3/4" m   | 0.133 | 5                 |



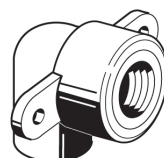
### 304- threaded branch tee with female thread

| Article No. | Dimension d (mm)    | kg/pc | Packing unit m/pc |
|-------------|---------------------|-------|-------------------|
| 0925006     | 20 x 1/2" f x 20 mm | 0.088 | 10                |
| 0925008     | 20 x 3/4" f x 20 mm | 0.120 | 10                |
| 0925010     | 25 x 1/2" f x 25 mm | 0.093 | 10                |



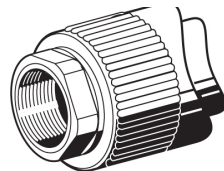
### 304- back plate elbow for dry construction

| Article No. | Dimension d (mm) | kg/pc | Packing unit m/pc |
|-------------|------------------|-------|-------------------|
| 0920158     | 20 mm x 1/2" f   | 0.081 | 10                |



### 304 - weld-in-saddle - Stainless

| Article No.     | Dimension d (mm)       | kg/pc | Packing unit m/pc |
|-----------------|------------------------|-------|-------------------|
| <b>0928214*</b> | 40/25 mm x 1/2" f      | 0.087 | 5                 |
| <b>0928216</b>  | 50/25 mm x 1/2" f      | 0.088 | 5                 |
| <b>0928218</b>  | 63/25 mm x 1/2" f      | 0.088 | 5                 |
| <b>0928220</b>  | 75/25 mm x 1/2" f      | 0.088 | 5                 |
| <b>0928222</b>  | 90/25 mm x 1/2" f      | 0.088 | 5                 |
| <b>0928224</b>  | 110/25 mm x 1/2" f     | 0.088 | 5                 |
| <b>0928226</b>  | 125/25 mm x 1/2" f     | 0.091 | 5                 |
| <b>0928230</b>  | 160/25 mm 1/2" f       | 0.095 | 5                 |
| <b>0928232</b>  | 200/25 mm 1/2" f       | 0.091 | 5                 |
| <b>0928234</b>  | 40/25 mm x 3/4" f      | 0.107 | 5                 |
| <b>0928236</b>  | 50/25 mm x 3/4" f      | 0.108 | 5                 |
| <b>0928238</b>  | 63/25 mm x 3/4" f      | 0.111 | 5                 |
| <b>0928240</b>  | 75/25 mm x 3/4" f      | 0.110 | 5                 |
| <b>0928242</b>  | 90/25 mm x 3/4" f      | 0.109 | 5                 |
| <b>0928244</b>  | 110/25 mm x 3/4" f     | 0.110 | 5                 |
| <b>0928246</b>  | 125/25 mm x 3/4" f     | 0.111 | 5                 |
| <b>0928250</b>  | 160/25 mm x 3/4" f     | 0.112 | 5                 |
| <b>0928254</b>  | 200-250/25 mm x 3/4" f | 0.111 | 5                 |
| <b>0928260</b>  | 75/32 mm x 1" f        | 0.088 | 5                 |
| <b>0928262</b>  | 90/32 mm x 1" f        | 0.088 | 5                 |
| <b>0928264</b>  | 110/32 mm x 1" f       | 0.237 | 5                 |
| <b>0928266</b>  | 125/32 mm x 1" f       | 0.237 | 5                 |
| <b>0928270</b>  | 160/32 mm x 1" f       | 0.244 | 5                 |
| <b>0928274</b>  | 200-250/32 mm x 1" f   | 0.244 | 5                 |



The necessary tools for the fusion of Fusiotherm® weld-in-saddles are:

Weld-in saddle tools

Art.-No. 50614-50674

Chamfering tools (only for stabi composite pipe)

Art.-No. 50910+50912+50914

Fusiotherm®-drill

Art.-No. 50940, 50941m 50942m

50944m 50946m 50948

\*Not recommended to use with Aqualtherm blue pipe.

## warranty and lifetime statement

aquatherm GmbH manufacture all pipes and fitting in accordance with German DIN confirming a 50 year guarantee of service life in accordance with the permissible working pressure/temperature of their technical product manuals. Within the scope of this aquatherm® will supply replacement material pipe and fittings if damages are traceable to materials faults and defects.

### Liability Warranty

Furthermore within the scope of this aquatherm GmbH gives a 10 year guarantee which compensates for material damage to third persons, for investigation, removal, replacement, acceptance, dismantling or laying bare of all defective goods.

aquatherm GmbH guarantee is conditional on:

- The fusion or joining of pipe and fittings using only aquatherm GmbH welding tools and devices.
- Installation of pipe and fittings are certified aquatherm® installers and adherence to aquatherm GmbH technical rules and guidelines for correct installation principles.

## limits of liability

- For bodily injury 20.000.000, Euro
- For property damage 20.000.000, Euro  
(per occurrence)

Installation Address: .....

Description of Installation: .....

Name of Contractor: ..... Signature: .....

Date of Completion: ..... Reg. Installer Number: .....

This warranty must be fully completed, signed and returned with the completed test sheet **within three months of the completion** of the project installation to the New Zealand Agent:

aquatherm NZ Ltd

P O Box 99 393, Newmarket, Auckland, New Zealand.

Phone 09 570 7204

Email: sales@aquatherm.co.nz

## test record aquatherm® pipe - installation principles

Description of the Installation

Address: .....

.....

.....

Type of installation: .....

.....

Type of pipe: .....

Pipe lengths:

Ø 16mm ..... m

Ø 20mm ..... m

Ø 25mm ..... m

Ø 32mm ..... m

Ø 40mm ..... m

Ø 50mm ..... m

Ø 63mm ..... m

Ø 75mm ..... m

Ø 90mm ..... m

Ø 110mm ..... m

Ø 125mm ..... m

Ø 160mm ..... m

Ø 200mm ..... m

Ø 250mm ..... m

Highest point: ..... m

Time tested started: .....

Time tested finished: .....

Test period: ..... (minutes)

Client: .....

.....

.....

Contractor: .....

.....

.....

Date: .....

aquatherm NZ Ltd must receive this information **within 3 months** of the installation for the warranty to be valid.

Please consult with your local area Council as they may require a copy of the test results for their records.

### Preliminary Test

(Testing procedure NZ Jan 2016)

**Test pressure - 20 bar:**

**1. Test pressure 20 bar 10 minutes.**

**2. Unpressurise for 1 minute.**

**3. Test pressure 20 bar 5 minutes.**

**4. Unpressurise for 1 minute.**

**5. Test pressure 20 bar for 5 minutes.**

**6. Unpressurise.**

### WARNING!

This test is imperative to have movement during test period. Tight clips or jammed pipes in frame work will result to an incomplete test which will make the warranty invalid.

### Result preliminary test:

The test is to be conducted as a continuous test at 20 bar with the five steps noted above.

The system **MUST** be pressurised **THREE TIMES** with a minimum rest of one minute between re-pressurizing.

If leakage occurs, please replace the part and re start the testing procedure.

The test is complete and acceptable when the above has been undertaken and no leaks are present.

Finally, complete all parts for the test sheet and return a copy to:

aquatherm NZ Ltd. Fax 09 570 7206 or

P O Box 99 393, Newmarket, Auckland

Email: sales@aquatherm.co.nz

Signature/Stamp: .....

Reg. Installer Number: .....

# Pressure test/Test control/Measuring of the test pressures/Test Record

## pressure test / test control

Acc. to the

⇒ Technical Rules for Potable Water Installations DIN 1988

have to be (while still visible) hydraulically pressure tested all pipelines. The test pressure has to be 1.5 times of the operating pressure.

Due to the material properties of aquatherm PPR - pipes a pressurization causes an expansion of the pipe. Different temperatures of pipe and test medium lead to alterations of pressure. A temperature change of 10 K corresponds to a pressure difference of 0.5 to 1 bar.

The pressure test of aquatherm PPR - pipe systems should be made with a constant temperature of the medium.

The hydraulic pressure test requires a preliminary, principal and final test.

In the preliminary test the system is pressurized with the 1.5 times of the maximum operating pressure.

This test pressure has to be re-established twice within 30 minutes within an interval of 10 minutes. After a test time of a further 30 minutes the test pressure must not drop more than 0.6 bar. No leakage may appear.

The preliminary test is to be followed directly by the principal test. Test time is 2 hours. Now the test pressure taken from the preliminary test may not fall more than 0.2 bar.

The final test is made with a changing pressure of 1 bar and 10 bars according to the diagramm on page 36 . The pipe system must be unpressurized between each test cycle.

Between each test course the pressure has to be released.

No leakage must appear at any point of the tested installation system.

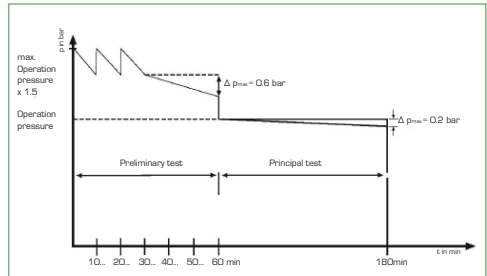
## Measuring of the test pressures

Measuring has to be done with a manometer allowing a perfect reading of a pressure change of 0.1 bar. The manometer has to be placed at the deepest point of the installation.

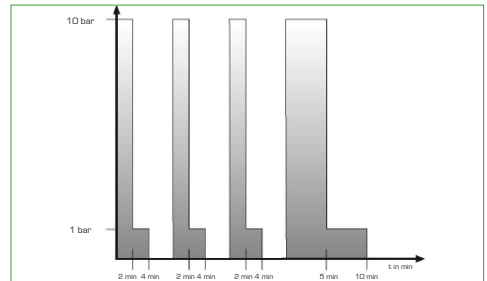
## Test record

A record of the hydraulic pressure test has to be prepared and signed by the client and contractor stating place and date. (See page 42)

## Preliminary-and principal / Test control



## Final test



## test record aquatherm® pipe installation where pressure limitations are present

### Description of the Installation

Place: .....

.....

.....

Object: .....

.....

### Pipe lengths:

Ø 16mm ..... m

Ø 20mm ..... m

Ø 25mm ..... m

Ø 32mm ..... m

Ø 40mm ..... m

Ø 50mm ..... m

Ø 63mm ..... m

Ø 75mm ..... m

Ø 90mm ..... m

Ø 110mm ..... m

Ø 125mm ..... m

Ø 160mm ..... m

Ø 200mm ..... m

Ø 250mm ..... m

Highest point: ..... m

Time tested started: .....

Time tested finished: .....

Test period:..... (minutes)

Client: .....

.....

.....

Contractor: .....

.....

.....

Date: .....

.....

aquatherm NZ Ltd must receive this information **within 3 months** of the installation for the warranty to be valid.

Please consult with your local area Council as they may require a copy of the test results for their records.

### Preliminary Test

Max working pressure x 1.5 ..... bar

Pressure drop after 30 minutes ..... bar

### Principal Test

Working pressure ..... bar  
(result preliminary test)

Pressure after 2 hour ..... bar  
(result preliminary test)

Result Principal test:

### Principal Test

1. Working pressure 10 bar. .... bar  
(at least 2 minutes then)

Working pressure 1 bar ..... bar  
(at least 2 minutes)

2. Working pressure 10 bar. .... bar  
(at least 2 minutes then)

Working pressure 1 bar ..... bar  
(at least 2 minutes)

3. Working pressure 10 bar. .... bar  
(at least 2 minutes then)

Working pressure 1 bar ..... bar  
(at least 2 minutes)

4. Working pressure 10 bar. .... bar  
(at least 5 minutes then)

Working pressure 1 bar ..... bar  
(at least 5 minutes)

### \*unpressure the pipe between each cycle

Signature/Stamp: .....

Reg. Installer Number: .....





# aquatherm flexi

**Potable water and heating installations**  
for potable water

aquatherm flexi is a flexible piping system manufactured from a new class of polyethylene of raised temperature type 2 materials for potable water application. With type 2, Dowlex have developed a unique molecular structure which provides improved thermal resistance, flexibility and mechanical hydrostatic strength to existing polyethylene PEX based products.

Dowlex have introduced side chain distribution instead of cross linking to polyethylene materials to support improved flexibility, pressure and aging values, smoother bore characteristics, and essentially a material that can be recycled meeting the needs of environmental and social compatibility. Like all thermoplastics flexi has excellent noise suppression a high degree of self insulation and is resistant to corrosion.

flexi is joined to DR brass to AS 3688 standards by sliding sleeve connections, an unsolvable technique, a proven mechanical application here in New Zealand.

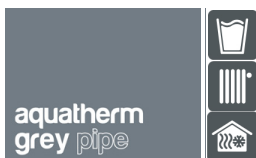
## Advantages of aquatherm flexi

aquatherm flexi pipe system solution offers many benefits.

- Hygienic
- Flexible and easy to install
- High impact strength making it extremely durable
- Low expansion
- High heat stabilised
- Noise suppression
- Environmentally friendly
- Superior flow rates



**BRANZ Appraised**  
Appraisal No.708 [2017]



# aquatherm flexi

Potable water and heating installations  
for potable water

## aquatherm - flexi RT (Raised Temperature Polyethylene) Type 2 pipe

| Article No. | Dimension d (mm) | Packing Unit (m) |      | system |       |
|-------------|------------------|------------------|------|--------|-------|
|             |                  |                  |      | PB     | PE-RT |
| 0077420     | 16 x 2.2         | 100              | coil |        | •     |
| 0077422     | 20 x 2.5         | 100              | coil |        | •     |



## aquatherm - flexi RT - Lengths (Raised Temperature Polyethylene)

| Article No. | Dimension d (mm) | Packing Unit |   | system |       |
|-------------|------------------|--------------|---|--------|-------|
|             |                  |              |   | PB     | PE-RT |
| 0077440     | 16 x 2.2         | 4            | m |        | •     |
| 0077442     | 20 x 2.5         | 4            | m |        | •     |

## Corrugated conduit (green)

| Article No. | Dimension d (mm) | Packing Unit (m) |      | system |       |
|-------------|------------------|------------------|------|--------|-------|
|             |                  |                  |      | PB     | PE-RT |
| 0077010     | 16               | 100              | coil | •      | •     |
| 0077012     | 20               | 50               | coil | •      | •     |



## aquatherm - wingback elbow

| Article No. | Dimension d (mm) | Packing Unit | system |       |
|-------------|------------------|--------------|--------|-------|
|             |                  |              | PB     | PE-RT |
| 0079000     | 16 x 1/2"        | 1            | •      | •     |
| 0079002     | 20 x 3/4"        | 1            | •      | •     |





# aquatherm flexi

Potable water and heating installations  
for potable water

## aquatherm - hose plate

| Article No. | Dimension<br>d (mm) | Packing Unit | system |       |
|-------------|---------------------|--------------|--------|-------|
|             |                     |              | PB     | PE-RT |
| 0079045     | 16 x 1/2"           | 1            | •      | •     |



## aquatherm - equal tee

| Article No. | Dimension<br>d (mm) | Packing Unit | system |       |
|-------------|---------------------|--------------|--------|-------|
|             |                     |              | PB     | PE-RT |
| 0079100     | 16 x 16 x 16        | 1            | •      | •     |
| 0079102     | 20 x 20 x 20        | 1            | •      | •     |



## aquatherm - reducing tee

| Article No. | Dimension<br>d (mm) | Packing Unit | system |       |
|-------------|---------------------|--------------|--------|-------|
|             |                     |              | PB     | PE-RT |
| 0079110     | 16 x 20 x 16        | 1            | •      | •     |
| 0079112     | 20 x 16 x 16        | 1            | •      | •     |
| 0079114     | 20 x 16 x 20        | 1            | •      |       |



## aquatherm - female connector

| Article No. | Dimension<br>d (mm) | Packing Unit | system |       |
|-------------|---------------------|--------------|--------|-------|
|             |                     |              | PB     | PE-RT |
| 0079182     | 16 x 1/2"           | 1            | •      | •     |
| 0079186     | 20 x 3/4"           | 1            | •      | •     |



## aquatherm - male connector

| Article No. | Dimension<br>d (mm) | Packing Unit | system |       |
|-------------|---------------------|--------------|--------|-------|
|             |                     |              | PB     | PE-RT |
| 0079200     | 16 x 1/2"           | 1            | •      | •     |
| 0079203     | 20 x 3/4"           | 1            | •      | •     |



## aquatherm - joiner

| Article No. | Dimension<br>d (mm) | Packing Unit | system |       |
|-------------|---------------------|--------------|--------|-------|
|             |                     |              | PB     | PE-RT |
| 0079210     | 16 x 16             | 1            | •      | •     |
| 0079212     | 20 x 20             | 1            | •      | •     |
| 0079250     | 20 x 16 reducing    | 1            | •      |       |





# aquatherm flexi

Potable water and heating installations  
for potable water

## aquatherm - degree elbow

| Article No. | Dimension<br>d (mm) | Packing Unit | system |       |
|-------------|---------------------|--------------|--------|-------|
|             |                     |              | PB     | PE-RT |
| 0079300     | 16 / 90°            | 1            | •      | •     |
| 0079302     | 20 / 90°            | 1            | •      | •     |



## aquatherm - adaptor

| Article No. | Dimension<br>d (mm) | Packing Unit | system |       |
|-------------|---------------------|--------------|--------|-------|
|             |                     |              | PB     | PE-RT |
| 0078300     | 20 / 16 x 2.0       | 2            | •      | •     |
| 0078302     | 20 / 20 x 2.0       | 2            | •      | •     |
| 0078304     | 25 / 20 x 2.0       | 2            | •      | •     |



## aquatherm - weld in saddle adaptor

| Article No. | Dimension<br>d (mm) | Packing Unit | system |       |
|-------------|---------------------|--------------|--------|-------|
|             |                     |              | PB     | PE-RT |
| 0078402     | 40 / 16 x 2.0       | 2            | •      | •     |
| 0078404     | 40 / 20 x 2.0       | 2            | •      | •     |
| 0078406     | 50 / 16 x 2.0       | 2            | •      | •     |
| 0078408     | 50 / 20 x 2.0       | 2            | •      | •     |
| 0078410     | 63 / 16 x 2.0       | 2            |        | •     |
| 0078412     | 63 / 20 x 2.0       | 2            |        | •     |



## aquatherm - swivel fitting

| Article No. | Dimension<br>d (mm)      | Packing Unit | system |       |
|-------------|--------------------------|--------------|--------|-------|
|             |                          |              | PB     | PE-RT |
| 0079340     | 16 x 1/2"                | 1            | •      | •     |
| 0079342     | 20 x 3/4                 | 1            | •      | •     |
| 0079350     | 16 x 1/2<br>swivel elbow | 1            | •      | •     |



## aquatherm - blind plugs

| Article No. | Dimension<br>d (mm) | Packing Unit | system |       |
|-------------|---------------------|--------------|--------|-------|
|             |                     |              | PB     | PE-RT |
| 0079980     | 16                  | 1            | •      | •     |
| 0079982     | 20                  | 1            | •      | •     |





# aquatherm flexi

Potable water and heating installations  
for potable water

## aquatherm - sliding sleeve

| Article No. | Dimension<br>d (mm) | Packing Unit | system |       |
|-------------|---------------------|--------------|--------|-------|
|             |                     |              | PB     | PE-RT |
| 0079990     | 16                  | 1            | •      | •     |
| 0079992     | 20                  | 1            | •      | •     |



## aquatherm - pipe bend bracket 90°

| Article No. | Dimension<br>d (mm) | Packing Unit | system |       |
|-------------|---------------------|--------------|--------|-------|
|             |                     |              | PB     | PE-RT |
| 0079996     | 16                  | 1            | •      | •     |
| 0079998     | 20                  | 1            | •      | •     |



## aquatherm - pipe clip with nail (black)

| Article No. | Dimension<br>d (mm) | Packing Unit | system |       |
|-------------|---------------------|--------------|--------|-------|
|             |                     |              | PB     | PE-RT |
| 0060816     | 16                  | 100          | •      | •     |
| 0060820     | 20                  | 80           | •      | •     |
| 0060825     | 25 ( 2 nails)       | 80           | •      | •     |





# aquatherm flexi

Potable water and heating installations  
for potable water

## aquatherm mounting tool

| Article No.                                                               | Dimension d (mm)    | Packing Unit | system |       |
|---------------------------------------------------------------------------|---------------------|--------------|--------|-------|
|                                                                           |                     |              | PB     | PE-RT |
| 0050802                                                                   | for pipes ø 16 / 40 | 1            | •      | •     |
| with tools for Ø 16mm & 20mm for the mechanical sliding sleeve connection |                     |              |        |       |



## aquatherm - pipe cutter

| Article No. | Dimension d (mm) | Packing Unit | system |       |
|-------------|------------------|--------------|--------|-------|
|             |                  |              | PB     | PE-RT |
| 0050103     | for pipes ø 25   | 1            | •      | •     |



## aquatherm - expanding tool

| Article No. | Dimension d (mm)    | Packing Unit | system |       |
|-------------|---------------------|--------------|--------|-------|
|             |                     |              | PB     | PE-RT |
| 0050800     | for pipes ø 16 / 32 | 1            | •      | •     |



## caps for aquatherm expanding tool

| Article No. | Dimension d (mm)    | Packing Unit | system |       |
|-------------|---------------------|--------------|--------|-------|
|             |                     |              | PB     | PE-RT |
| 0050817     | for pipes ø 16 / 20 | 1            | •      | •     |



## test record pipe - installation principles

### Description of the Installation

Address: .....

.....

Type of installation: .....

.....

.....

Pipe lengths: .....

Ø 16 mm ..... m

Ø 20 mm ..... m

Time test started:.....

Time test finished: .....

Test period:.....

Client: .....

Contractor: .....

Date:...../...../.....

### Preliminary Test

(Testing procedure NZ Jan 2001)

Test pressure - 15 bar:

1. Test pressure 15 bar 30 minutes.
2. Result pressure test.

### Note:

**When testing aquatherm flexi pipes that are joined to aquatherm green pipe, the standard high pressure aquatherm test can be used.**

### Result preliminary test:

The test is to be conducted as a continuous test at 15 bar with the three steps noted above.

If leakage occurs, please replace the part and re-start the testing procedure.

The test is completed and acceptable when the above has been undertaken and no leaks are present.

Finally, complete all parts for the test sheet and return a copy to:

aquatherm NZ Limited

Fax: 09 570 7206

Post: P.O. Box 99 393, Newmarket,  
Auckland.

Email: sales@aquatherm.co.nz

Signature/Stamp:

Reg. Installers Number:

### Walraven means quality.

That is why our organisation is ISO 9001:2008 certificated . This guarantees the ambition to achieve continuous improvement of company procedures and thereby the quality of our entire organisation.

### Product quality

Many of our products satisfy specific quality benchmarks and standards, which are required for specific applications. Amongst other tests, our products are continuously tested for safety limits.

These tests take place in-house but of course also in testing institutes which are officially accredited.

This provides an extra guarantee that Walraven products comply with the most stringent quality standards.

### Logo RAL-GZ655 and 656RAL-Quality hallmark

Walraven is one of the initiators of the Quality Association Pipe Support (RAL).

The association promotes transparency and simplicity in the understanding and comparison of the quality of pipe, duct and cable fixings manufactured by the most prominent companies in the sector. Only those products which have passed these rigorous tests and stringent guidelines receive the RAL quality certificate.

BIS RapidRail®  
Fixing System



### Walraven BIS RapidRail® - Fixing

| Article No.    | Description                | Dimension (mm) | Packing Unit (lengths) |
|----------------|----------------------------|----------------|------------------------|
| <b>6505000</b> | 2 Metre L WMO PG / H05 05  | 27 x 18        | 10                     |
| <b>6505002</b> | 2 Metre L WM2 PG / H05 05  | 30 x 30        | 10                     |
| <b>6505015</b> | 2 Metre L WM15 PG / H05 05 | 30 x 20        | 10                     |



### Walraven BIS RapidRail® - Slide

| Article No.    | Description                    | Dimension (mm) | Packing Unit |
|----------------|--------------------------------|----------------|--------------|
| <b>6513110</b> | Slide nut ZP WM 0-35 / H 15 05 | 10             | 50           |



### Walraven BIS RapidRail® - Hammerfix

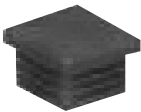
| Article No.    | Description                 | Dimension (mm) | Packing Unit |
|----------------|-----------------------------|----------------|--------------|
| <b>6523004</b> | Hammer fix ZP M10 / H 15 10 | 40             | 25           |
| <b>6523006</b> | Hammer fix ZP M10 / H 15 10 | 60             | 25           |
| <b>6523010</b> | Hammer fix ZP M10 / H 15 10 | 100            | 25           |





**Walraven BIS RapidRail® - End**

| Article No. | Description              | Dimension (mm) | Packing Unit |
|-------------|--------------------------|----------------|--------------|
| 6566000     | End cap WM0 15 / H 25 05 | 27 x 18        | 50           |
| 6566002     | WM2 End cap              | 30 x 30        | 50           |



**Walraven BIS RapidRail® - Washers**

| Article No. | Description        | Dimension (mm) | Packing Unit |
|-------------|--------------------|----------------|--------------|
| 6535110     | Washers (U-shaped) | 30             | 50           |



**Walraven BIS RapidRail® - Wall Plate**

| Article No. | Description                    | Dimension (mm) | Packing Unit |
|-------------|--------------------------------|----------------|--------------|
| 6613200     | Wall Plate ZP WM0-30 / H 10 30 |                | 25           |



**Walraven BIS RapidRail® - Suspension Bracket**

| Article No. | Description        | Dimension (mm) | Packing Unit |
|-------------|--------------------|----------------|--------------|
| 6793008     | Suspension Bracket |                | 50           |



**Walraven BIS RapidRail® - Connectors**

| Article No. | Description | Dimension (mm) | Packing Unit |
|-------------|-------------|----------------|--------------|
| 6543001     | Joiner      |                | 25           |



|         |           |            |    |
|---------|-----------|------------|----|
| 6584001 | 90° Elbow | long/short | 25 |
|---------|-----------|------------|----|



|         |           |             |    |
|---------|-----------|-------------|----|
| 6584051 | 45° Elbow | short/short | 25 |
|---------|-----------|-------------|----|



[illegible]





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