

## VSH XPress Copper straight coupling (2 x press)



**group:** S1    **category:** fittingen    **product line:** VSH XPress Copper

The VSH XPress S1 is a copper straight coupling with 2 press ends. By using VSH XPress in your piping installation you can install in a quick, easy and clean way. VSH XPress provides a complete piping system suitable for every conceivable application. insert stop: stop edge for pipe end provided with all relevant approvals Leak Before Pressed-function clear identification on fitting of material and dimension

### applications

potable water, heating, cooling,  
compressed air, vacuum

### segments

residential , shipbuilding , industry  
, commercial building

### approvals

QB (CSTBat) , DVGW Wasser ,  
KIWA , SINTEF , DNV-GL , ÖVGW  
Wasser , RISE , ÜA , WRAS , ATG ,  
BSI Kitemark

### assortment

| item number | size | weight  | dimensions     | packaging      | gtin           |
|-------------|------|---------|----------------|----------------|----------------|
| 38009       | 12   | 0.02 kg | 18x18x35 mm    | bag (10 pce)   | 05022050118271 |
| 38010       | 15   | 0.03 kg | 20x20x40 mm    | bag (10 pce)   | 05022050013309 |
| 38011       | 18   | 0.04 kg | 25x25x40 mm    | bag (10 pce)   | 05022050120779 |
| 38020       | 22   | 0.05 kg | 31x31x45 mm    | bag (10 pce)   | 05022050013316 |
| 38030       | 28   | 0.06 kg | 37x37x50 mm    | bag (5 pce)    | 05022050013323 |
| 38032       | 35   | 0.09 kg | 43x43x53 mm    | bag (5 pce)    | 05022050013330 |
| 38034       | 42   | 0.14 kg | 50x50x65 mm    | bag (1 pce)    | 05022050380340 |
| 38035       | 54   | 0.21 kg | 63x63x78 mm    | bag (1 pce)    | 05022050380357 |
| 38036       | 66.7 | 0.44 kg | 80x80x110 mm   | carton (1 pce) | 05022050380364 |
| 38037       | 76.1 | 0.58 kg | 93x93x110 mm   | carton (1 pce) | 05022050380371 |
| 38039       | 88.9 | 0.91 kg | 105x105x220 mm | carton (1 pce) | 05022050380395 |
| 38038       | 108  | 1.26 kg | 130x130x145 mm | carton (1 pce) | 05022050380388 |

## specifications - product info

|                       |                                                 |
|-----------------------|-------------------------------------------------|
| item                  | VSH XPress Copper straight coupling (2 x press) |
| item number with gtin | S1                                              |
| manufacturer          | Aalberts integrated piping systems B.V. (VSH)   |
| weight                | 1.26 kg                                         |
| dimensions            | 130x130x145 mm                                  |

## specifications - characteristics

|                      |                              |
|----------------------|------------------------------|
| color                | copper                       |
| materials            | copper (CW024A (UNS C12200)) |
| finishing            | none                         |
| shape                | straight                     |
| connection type      | press (M)                    |
| pressure rating (PN) | PN 16                        |
| sealing              | EPDM                         |

## specifications - technical

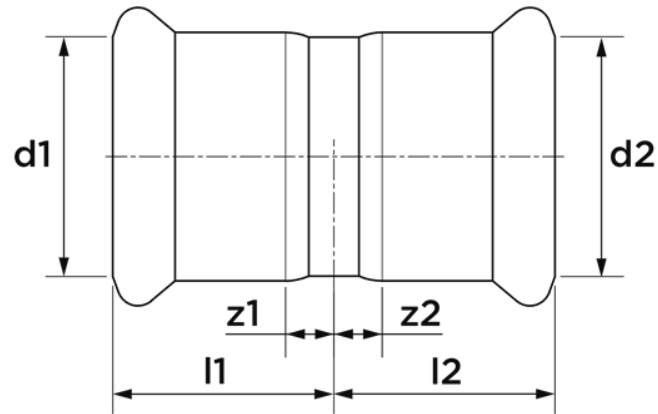
|                               |        |
|-------------------------------|--------|
| max operating pressure liquid | 16 bar |
| min. medium temperature       | -20 °C |
| max medium temperature        | 110 °C |
| peak medium temperature       | 135 °C |

## specifications - general

|               |                                            |
|---------------|--------------------------------------------|
| product group | fittings                                   |
| ETIM class    | <b>EC003024 Fitting with 2 connections</b> |
| HS code       | 74121000                                   |
| brand         | VSH                                        |
| series        | XPress Copper                              |
| product type  | 7270                                       |

## dimensions

| item number | size | d1    | DN1   | l1 | z1 | d2    | DN2   | l2  | z2 |
|-------------|------|-------|-------|----|----|-------|-------|-----|----|
| 38009       | 12   | 12.0  | DN10  | 19 | 2  | 12.0  | DN10  | 19  | 2  |
| 38010       | 15   | 15.0  | DN12  | 22 | 2  | 15.0  | DN12  | 22  | 2  |
| 38011       | 18   | 18.0  | DN15  | 22 | 2  | 18.0  | DN15  | 22  | 2  |
| 38020       | 22   | 22.0  | DN20  | 23 | 2  | 22.0  | DN20  | 23  | 2  |
| 38030       | 28   | 28.0  | DN25  | 25 | 2  | 28.0  | DN25  | 25  | 2  |
| 38032       | 35   | 35.0  | DN32  | 28 | 2  | 35.0  | DN32  | 28  | 2  |
| 38034       | 42   | 42.0  | DN40  | 36 | 4  | 42.0  | DN40  | 36  | 4  |
| 38035       | 54   | 54.0  | DN50  | 42 | 5  | 54.0  | DN50  | 42  | 5  |
| 38036       | 66.7 | 66.7  | DN65  | 55 | 5  | 66.7  | DN65  | 55  | 5  |
| 38037       | 76.1 | 76.1  | DN65  | 55 | 5  | 76.1  | DN65  | 55  | 5  |
| 38039       | 88.9 | 88.9  | DN80  | 66 | 8  | 88.9  | DN80  | 132 | 8  |
| 38038       | 108  | 108.0 | DN100 | 72 | 5  | 108.0 | DN100 | 72  | 5  |



## sustainability

| item number | size | carbon footprint (A1-A3) cradle-to-gate | carbon footprint (A-C) embodied carbon | carbon footprint (A-D) cradle-to-cradle | data source |
|-------------|------|-----------------------------------------|----------------------------------------|-----------------------------------------|-------------|
| 38009       | 12   | 0.07kgCO <sub>2</sub> e                 | 0.08kgCO <sub>2</sub> e                | 0.04kgCO <sub>2</sub> e                 | EPD         |
| 38010       | 15   | 0.1kgCO <sub>2</sub> e                  | 0.11kgCO <sub>2</sub> e                | 0.06kgCO <sub>2</sub> e                 | EPD         |
| 38011       | 18   | 0.11kgCO <sub>2</sub> e                 | 0.13kgCO <sub>2</sub> e                | 0.07kgCO <sub>2</sub> e                 | EPD         |
| 38020       | 22   | 0.15kgCO <sub>2</sub> e                 | 0.17kgCO <sub>2</sub> e                | 0.09kgCO <sub>2</sub> e                 | EPD         |
| 38030       | 28   | 0.19kgCO <sub>2</sub> e                 | 0.22kgCO <sub>2</sub> e                | 0.11kgCO <sub>2</sub> e                 | EPD         |
| 38032       | 35   | 0.35kgCO <sub>2</sub> e                 | 0.4kgCO <sub>2</sub> e                 | 0.25kgCO <sub>2</sub> e                 | EPD         |
| 38034       | 42   | 0.56kgCO <sub>2</sub> e                 | 0.64kgCO <sub>2</sub> e                | 0.4kgCO <sub>2</sub> e                  | EPD         |
| 38035       | 54   | 0.85kgCO <sub>2</sub> e                 | 0.96kgCO <sub>2</sub> e                | 0.61kgCO <sub>2</sub> e                 | EPD         |
| 38036       | 66.7 | 1.77kgCO <sub>2</sub> e                 | 2.02kgCO <sub>2</sub> e                | 1.27kgCO <sub>2</sub> e                 | EPD         |
| 38037       | 76.1 | 2.38kgCO <sub>2</sub> e                 | 2.71kgCO <sub>2</sub> e                | 1.7kgCO <sub>2</sub> e                  | EPD         |
| 38039       | 88.9 | 3.71kgCO <sub>2</sub> e                 | 4.22kgCO <sub>2</sub> e                | 2.65kgCO <sub>2</sub> e                 | EPD         |
| 38038       | 108  | 5.15kgCO <sub>2</sub> e                 | 5.85kgCO <sub>2</sub> e                | 3.67kgCO <sub>2</sub> e                 | EPD         |

## downloads

7270 - png

Diagram - png