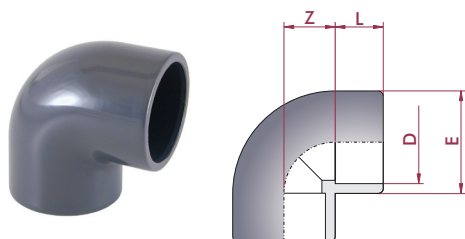




**PVC-U**  
**VALVES AND FITTINGS**

### 90° elbow

- Female solvent socket
- Metric series

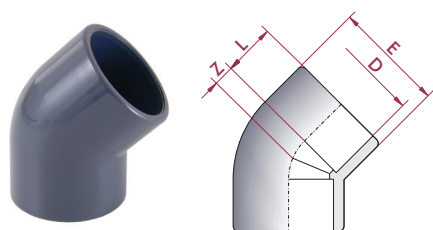


| D   | DN  | PN | CODE      |
|-----|-----|----|-----------|
| 50  | 40  | 16 | PV 01 050 |
| 63  | 50  | 16 | PV 01 063 |
| 75  | 65  | 16 | PV 01 075 |
| 90  | 80  | 16 | PV 01 090 |
| 110 | 100 | 16 | PV 01 110 |

| L  | Z  | E   |
|----|----|-----|
| 31 | 26 | 61  |
| 38 | 33 | 76  |
| 44 | 39 | 90  |
| 51 | 46 | 108 |
| 61 | 56 | 131 |

### 45° elbow

- Female solvent socket
- Metric series

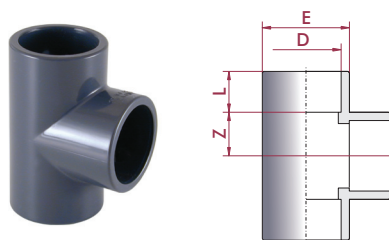


| D   | DN  | PN | CODE      |
|-----|-----|----|-----------|
| 50  | 40  | 16 | PV 02 050 |
| 63  | 50  | 16 | PV 02 063 |
| 75  | 65  | 16 | PV 02 075 |
| 90  | 80  | 16 | PV 02 090 |
| 110 | 100 | 16 | PV 02 110 |

| L  | Z  | E   |
|----|----|-----|
| 31 | 12 | 58  |
| 38 | 14 | 76  |
| 44 | 17 | 93  |
| 51 | 20 | 109 |
| 61 | 24 | 133 |

### 90° tee

- Female solvent socket
- Metric series

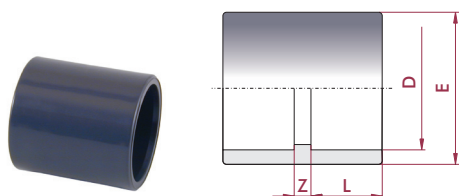


| D   | DN  | PN | CODE      |
|-----|-----|----|-----------|
| 50  | 40  | 16 | PV 03 050 |
| 63  | 50  | 16 | PV 03 063 |
| 75  | 65  | 16 | PV 03 075 |
| 90  | 80  | 16 | PV 03 090 |
| 110 | 100 | 16 | PV 03 110 |

| L  | Z  | E   |
|----|----|-----|
| 31 | 26 | 63  |
| 38 | 33 | 78  |
| 44 | 39 | 90  |
| 51 | 46 | 108 |
| 61 | 56 | 131 |

### Socket

- Female solvent socket
- Metric series

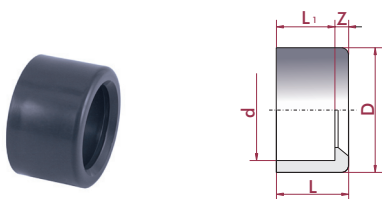


| D   | DN  | PN | CODE      |
|-----|-----|----|-----------|
| 50  | 40  | 16 | PV 05 050 |
| 63  | 50  | 16 | PV 05 063 |
| 75  | 65  | 16 | PV 05 075 |
| 90  | 80  | 16 | PV 05 090 |
| 110 | 100 | 16 | PV 05 110 |

| L  | Z | E   |
|----|---|-----|
| 31 | 3 | 61  |
| 38 | 3 | 75  |
| 44 | 4 | 90  |
| 51 | 5 | 108 |
| 61 | 6 | 129 |

### Reducing bush

- Male x female solvent socket
- Metric series

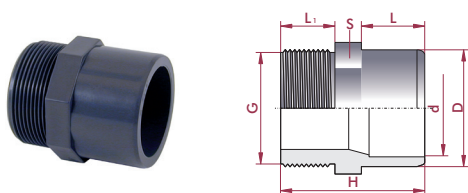


| D x d    | DN | PN | CODE      |
|----------|----|----|-----------|
| 63 x 50  | 40 | 16 | PV 06 063 |
| 75 x 63  | 50 | 16 | PV 06 075 |
| 90 x 75  | 65 | 16 | PV 06 090 |
| 110 x 90 | 80 | 16 | PV 06 110 |

| L  | L <sub>1</sub> | Z  |
|----|----------------|----|
| 38 | 31             | 7  |
| 44 | 38             | 6  |
| 51 | 44             | 7  |
| 61 | 51             | 10 |

### Adaptor nipple

- Female solvent socket & BSP male thread
- Metric series

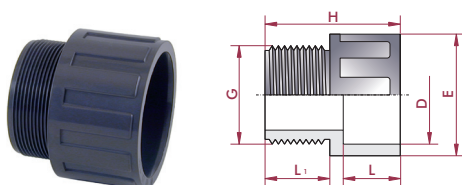


| D - d x G     | DN | PN | CODE      |
|---------------|----|----|-----------|
| 50 - 40 x 1½" | 40 | 10 | PV 15 450 |
| 63 - 50 x 2"  | 50 | 10 | PV 15 463 |

| L  | L <sub>1</sub> | H  | S  |
|----|----------------|----|----|
| 31 | 25             | 70 | 55 |
| 38 | 25             | 78 | 65 |

### Adaptor bush

- Female solvent socket x BSP male threaded
- Metric series



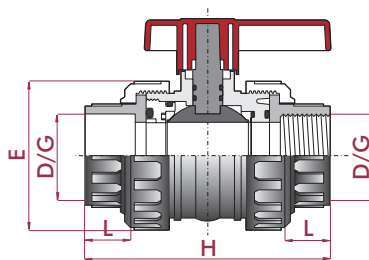
| D x G    | DN | PN | CODE      |
|----------|----|----|-----------|
| 50 x 1½" | 40 | 10 | PV 17 450 |
| 63 x 2"  | 50 | 10 | PV 17 463 |

| L  | L <sub>1</sub> | E  | H  |
|----|----------------|----|----|
| 31 | 22             | 62 | 65 |
| 38 | 27             | 77 | 75 |

# BALL VALVES

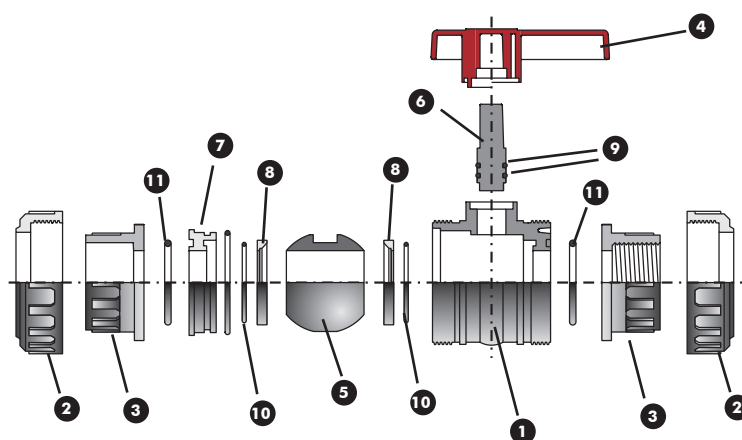
## FEATURES

- "Antiblock" system that avoids ball blockage.
- 100% factory tested.
- Minimal pressure drop.
- Low operating torque.
- Resistance to many inorganic chemicals.
- Excellent flow characteristics.
- Sizes from D20 - D110.
- O-rings available in EPDM.
- Ball seat available in HDPE.



| D / G        | L    | H     | E     |
|--------------|------|-------|-------|
| D20 - 1/2"   | 15,2 | 96,5  | 48,3  |
| D25 - 3/4"   | 17,8 | 106,7 | 58,4  |
| D32 - 1"     | 22,9 | 114,3 | 68,6  |
| D40 - 1 1/4" | 25,4 | 132,1 | 81,3  |
| D50 - 1 1/2" | 30,5 | 152,4 | 94,0  |
| D63 - 2"     | 38,1 | 170,2 | 109,2 |
| D75 - 3"     | 50,8 | 243,8 | 147,3 |
| D110 - 4"    | 58,4 | 284,5 | 177,8 |

| Fig. | Parts                | Material |
|------|----------------------|----------|
| 1    | Body                 | PVC      |
| 2    | Union nut            | PVC      |
| 3    | End connector        | PVC      |
| 4    | Handle               | ABS      |
| 5    | Ball                 | PVC      |
| 6    | Stem                 | PVC      |
| 7    | Seal carrier         | PVC      |
| 8    | Ball seat            | HDPE     |
| 9    | Stem o-ring          | EPDM     |
| 10   | Body o-ring          | EPDM     |
| 11   | End connector o-ring | EPDM     |



### Socket

Seats: HDPE  
O-rings: EPDM  
D20 - D63 16 bar @ 20°C  
D75 - D110 10 bar @ 20°C

| D   | DN | PN | CODE    |
|-----|----|----|---------|
| 20  | 15 | 16 | PV2001  |
| 25  | 20 | 16 | PV2002  |
| 32  | 25 | 16 | PV2003  |
| 40  | 32 | 16 | PV2004  |
| 50  | 40 | 16 | PV2005  |
| 63  | 50 | 16 | PV2006  |
| 75  | 65 | 10 | PV2007  |
| 90  | 80 | 10 | PV2008  |
| 110 | 80 | 10 | PV2010R |



### Threaded Roscar

Seats: HDPE  
O-rings: EPDM  
D20 - D63 16 bar @ 20°C  
D75 - D110 10 bar @ 20°C

| G      | DN | PN | CODE     |
|--------|----|----|----------|
| 1/2"   | 15 | 16 | PV 2101  |
| 3/4"   | 20 | 16 | PV 2102  |
| 1"     | 25 | 16 | PV 2103  |
| 1 1/4" | 32 | 16 | PV 2104  |
| 1 1/2" | 40 | 16 | PV 2105  |
| 2"     | 50 | 16 | PV 2106  |
| 2 1/2" | 65 | 10 | PV 2107  |
| 3"     | 80 | 10 | PV 2108  |
| 4"     | 80 | 10 | PV 2110R |