

PVC-U DWV

**D00222545**

DN225 X 45D DWV PVC-U Bend FF SWJ



**Application**

Used for non-pressure sewer, drain, waste and vent in above ground and below ground applications.

**Features**

- Australian made
- BEP PVC - manufactured from Best Environmental Practice
- Corrosion resistant
- Electrically nonconductive

**Technical Data**

**Product Properties**

|                         |                    |
|-------------------------|--------------------|
| Material                | PVC                |
| Colour                  | Light grey         |
| Joint type              | Solvent Weld Joint |
| Unprotected UV exposure | 24 months          |

**Product Dimensions<sup>2</sup>**

|                   |       |
|-------------------|-------|
| Nominal size (mm) | 225mm |
| Angle (degrees)   | 45    |
| Mean Pipe ID      | 104mm |
| Wall thickness    | 3mm   |

**Material Properties**

|                                 |                       |
|---------------------------------|-----------------------|
| Specific gravity                | 1.45kg/m <sup>3</sup> |
| Yield strain                    | 5.50%                 |
| Compressive strength            | 66 MPa                |
| Ultimate tensile strength       | 52 MPa                |
| Ring bending modulus (3mins)    | 3200 MPa              |
| Ring bending modulus (50 years) | 1400 MPa              |
| Poissons ratio                  | 0.38                  |

**Thermal**

|   |                        |
|---|------------------------|
| Coefficient of thermal expansion        | 7x10 <sup>-5</sup> /°C |
| Thermal conductivity                    | 0.138-0.150 W.m-1.K-1  |
| Maximum practicable working temperature | 60°C                   |

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**Fire resistance**

|                              |  |
|------------------------------|--|
| Flammability                 | Self extinguishing. Will not support combustion. |
| Ignitability - AS 1530*      | 7*   |
| Smoke Development - AS 1530* | 9*   |
| Spread of flame - AS 1530*   | 0*   |
| Heat evolved - AS 1530*      | 2*   |

\*AWTA test report number 7- 558788-CV

**Electrical**

|                     |                         |
|---------------------|-------------------------|
| Volume resistivity  | 10 <sup>15</sup> ohm.cm |
| Surface resistivity | ≥10 <sup>13</sup> ohm   |

**Standards**

|                             |  |
|-----------------------------|--|
| Product standard            | AS/NZS 1260 PVC Pipes and Fittings for Drain, Waste and Vent Applications. |
| Environmental accreditation | Best Environmental Praxctice PVC - BEP PVC Certification No. BEP-PVC 0037  |
| Product appraisals          | WaterMark Certification:<br>WMKA1305<br>WSSA PA 1625                       |

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