iplex

Product Data Sheet

PVC-U DWV

D025151045

150x100x45D DWV Junction 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[2]

Nominal size (mm)	150x100mm
Angle (degrees)	45
Mean Pipe ID	104mm
Wall thickness	3mm

Material Properties

Specific gravity	1.45kg/m^3
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^{-5}/°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^{15} ohm.cm
Surface resistivity	$\geq 10^{13}$ ohm

Standards

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

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