PVC Non Pressure

D0015045

DN50 X 45D DWV PVC-U IO Bend FF SWJ



Application

Changes direction of a pipeline conveying non-pressure sewage and greywater by 45°

Features

- Australian Made
- BEP PVC - Manufactured from Best Environmental Practice PVC
- Installation Economics
- Operation Efficiences
- Corrosion Resistant
- Tree root intrusion resistance
- Leakage Elimination

Technical Data

Product Properties

Material	PVC
Colour	Grey
Approximate mass	0.1
Unprotected UV exposure	2 years yr

*For short term, intermittent exposure. Contact Iplex for further details

Product Dimensions

Nominal Size	50 mm
Angle (degrees)	45°

Packaging Information

Carton Weight	9.18kg

Jointing Details

Joint type	SWJ
Average Number of Joints per Litre - primer	228
Average Number of Joints per Litre - solvent	76
Cure Time for Solvent Weld Joints	24 hours

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Standards

Environmental Declarations and Standards

Product standard	AS/NZS 1260 'PVC-U pipes and fittings for drain, waste and vent applications'

Material Properties

Mechanical

Density 'Specific Gravity'	1.47
Tensile yield strain (50 mm/min)	5.5%
Tensile yield stress (50 mm/min)	2750MPa
Hardness shore D	85
Poissons ratio	0.38
Ring bending modulus (3 mins)	3200MPa
Apparent ring bending modulus (50 years)	1400MPa
Ultimate Tensile Strength	52MPa
Compressive Strength	66MPa

Thermal

Coefficient of thermal expansion	7×10^{-5}/°C
Thermal conductivity	0.138W/m.K
Specific heat	1047 J/kg/°C
Vicat softening temperature	75°C
Allowable Operating Temperature - Degrees	60°C

Fire resistance

Flammability	Will not support combustion
Ignitability - AS 1530*	8
Smoke Development - AS 1530*	8
Spread of flame - AS 1530*	0
Heat evolved - AS 1530*	1

*AWTA test report number 7 - 558788-CV

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