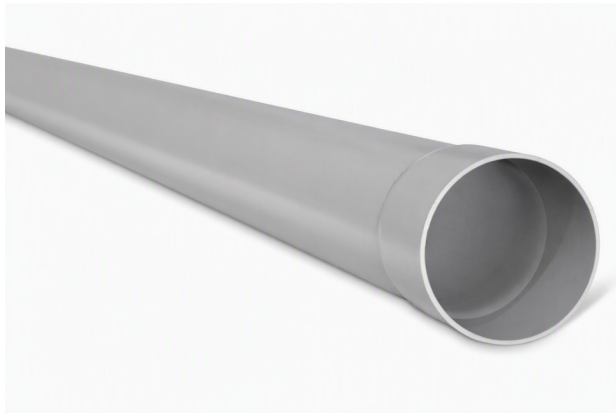


PVC Non Pressure

DSEH375C

DN375 x 3m SN8 DWV PVC-U Pipe SWJ



Application

Iplex DWV pipes are 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 PVC
- Installation economics
- Operation efficiencies
- Corrosion resistant
- Tree root intrusion resistant
- Leakage elimination

Technical Data

Product Properties

Material	PVC
Colour	Light grey
Nominal stiffness	SN8
Approximate mass	70.62
Unprotected UV exposure	2 years yr
Rating	SN8

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

Product Dimensions

Minimum effective length	3000
Nominal size	375 mm
Mean pipe OD	400
Mean pipe ID	375.2
Min socket length	200

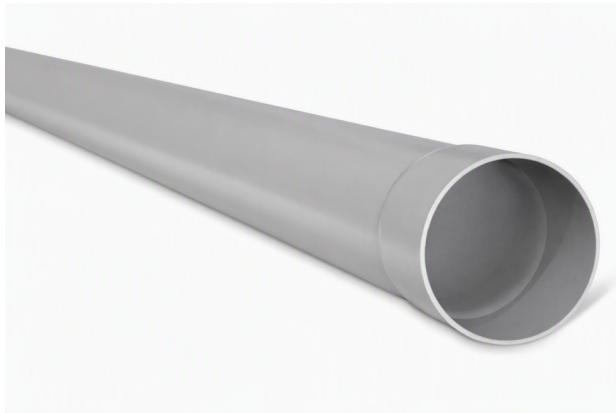
Packaging Information

Crate quantity	6
Approximate crate mass	422.49 kg

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Jointing Details

Joint type	SWJ
Rubber ring material	EPDM polymer, which conforms to the requirements of AS 1646
Average number of joints per Litre - lubricant	7
Minimum radius of pipe curvature	112.5 m
Maximum socket deflection	0

Standards

Environmental Declarations and Standards

Environmental declaration	Iplex PVC Non-Pressure Pipes EPD
Product standard	AS/NZS 1260

Material Properties

Mechanical

Density 'specific gravity'	1.47
Tensile yield strain (50 mm/min)	5.5%
Tensile modulus	3200MPa
Yield stress	176MPa
Hardness shore D	85
Poissons ratio	0.38
Ring bending modulus (3 mins)	3200MPa
Apparent ring bending modulus (50 years)	1400MPa
Ultimate tensile strength	52 MPa
Compressive strength	66 MPa
Design stress	12.3MPa
Maximum support spacing of pipe graded	1.5 m
Maximum support spacing of pipe vertical	3.00 m (Reference AS/NZS 2033, applicable to above ground installations)

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Thermal

Coefficient of thermal expansion	$7 \times 10^{-5}/^{\circ}\text{C}$
Thermal conductivity	$0.38 \text{ W}\cdot\text{m}^{-1}\cdot\text{K}^{-1}$
Specific heat	$1047 \text{ J/kg}/^{\circ}\text{C}$
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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