

PVC Non Pressure

DPSH40

DN40 x 6m 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
Approximate mass	2.49 kg
Unprotected UV exposure	2 Years

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

Product Dimensions

Minimum effective length	6000 mm
Nominal Size	40 mm
Mean Pipe OD	42.8 mm
Mean Pipe ID	36.0 mm
Wall thickness	2.0 mm

Packaging Information

Crate quantity	150
Approximate crate mass	366.03 kg

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Jointing Details

Joint type	Plain end
Average Number of Joints per Litre - primer	324
Average Number of Joints per Litre - solvent	108
Cure Time for Solvent Weld Joints	24 hours
Minimum radius of pipe curvature	12 m
Maximum socket deflection	1°

Standards

Environmental Declarations and Standards

Environmental declaration	Iplex PVC Non-Pressure Pipes EPD
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)	0.055
Tensile yield stress (50 mm/min)	3200MPa
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	$7 \times 10^{-5}/^{\circ}\text{C}$
Thermal conductivity	0.138 W/m.K
Specific heat	1047 J/kg/°C
Vicat softening temperature	75°C
Allowable Operating Temperature - Degrees	60°C

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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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