

PVC Electrical and Telecommunications

P900324
32 AUSTEL PIPE SWJ X4M WHT TS009

Application

Designed to protect cables in a range of buried and above ground installations.

Features

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

Technical Data
Product Properties

Material	PVC
Colour	White
Joint type	Solvent Weld Joint
Unprotected UV exposure	3 months

Product Dimensions²

Minimum effective length	4000mm
Mean Pipe OD	31.7mm
Mean Pipe ID	31.6mm
Wall thickness	2.1mm

Crate

Product weight	1.27kg
Crate quantity	10
Approximate crate weight	570kg

Material Properties

Specific gravity	1.43 - 1.5
Ring bending modulus (3mins)	3200 MPa
Ring bending modulus (50 years)	1200 MPa
Poissons ratio	0.38

Thermal

Coefficient of thermal expansion	7x10 ⁻⁶ /°C
Thermal conductivity	0.19 W/m.K
Maximum practicable working temperature	60°C

Fire resistance

Flammability	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 7-558803-CV

Electrical

Volume resistivity	10 ¹⁶ ohm.cm
Surface resistivity	≥10 ¹³ ohm

Standards

Product standard	Referenced Australian electrical and telecommunications product standards include AS/NZS 2053 (various parts) AS/NZS 61386.1 AS/NZS 61386.21 AS/NZS 4296 AS/NZS 5033 AS/NZ 4702 AS/NZS 3000
Environmental accreditation	AS/NZS 5395:2024 - Best Environmental Practice PVC Certificate No. BEP-AMI 75142

© Iplex Pipelines Australia Pty Limited 2026. All drawings and information contained within this document are the exclusive property of Iplex. Iplex reserves the right to change product specifications and other information without prior notification. Measurements provided are for reference purposes only. Information in this publication is given in good faith and no warranty is provided or is to be implied with respect to either the information or the product, in particular the suitability of the product for any particular purpose. The purchaser should independently determine the suitability of the product for the intended application.

Iplex_PVC Electrical + Teleco_P900324_product data sheet_Jun 26