PVC Non Pressure

P4001256

125 LD COND PIPE SWJ X6M ORG ELEC

Application

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

Features

- Australian Made
- BEP PVC - Manufactured from Best Environmental Practice PVC
- Installation economics
- Operation efficiencies
- Corrosion resistant
- Light weight
- Electrically nonconductive

Technical Data

Product Properties

Material	PVC
Colour	Orange
Approximate mass	10.101 kg
Unprotected UV exposure	3 months

Product Dimensions

Minimum effective length	6000 mm
Nominal Size	125 mm
Min socket length	115 mm

Packaging Information

Crate quantity	38
Approximate crate mass	383.84 kg

Jointing Details

Joint type	Solvent Weld Joint
Minimum radius of pipe curvature	37.5 m
Maximum socket deflection	0

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Standards

Environmental Declarations and Standards

Product standard	Referenced Australian electrical and telecommunications product standards include: AS/NZS 2053 (various parts),AS/NZS 4296,AS/NZS 5033,AS 4702

Material Properties

Mechanical

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)	3000MPa
Apparent ring bending modulus (50 years)	1200MPa
Ultimate Tensile Strength	52MPa
Compressive Strength	66MPa

Thermal

Coefficient of thermal expansion	7×10^{-5}/°C
Thermal conductivity	0.138 W/m.K
Specific heat	1047 J/kg/°C
Vicat softening temperature	>70°C
Allowable Operating Temperature - Degrees	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 - 558788-CV

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Electrical

Surface resistivity	≥ 10^13 Ω