PVC Non Pressure

6035090300R

50X90D HD COND BEND FF ORG ELEC 0.3M NOM RAD



Technical Data

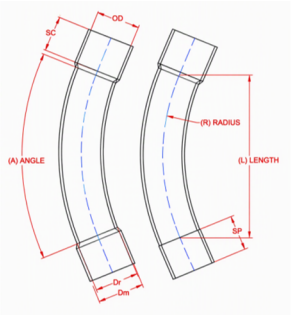
Product Properties

Material	PVC
Colour	Orange
Approximate mass	0.38 kg
Unprotected UV exposure	3 months

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

Product Dimensions

Nominal size	50 mm
Angle (degrees)	90°



DIMENSION TABLE

DN	A (NOM)	R (NOM)	OD (NOM)	Dr Min	Dr Max	Dm Min	Dm Max	SC	SP	Length (L)
50	90	300	50	49.4	49.7	50.1	50.4	50	50	424

Packaging Information

Carton quantity	22

Jointing Details

Joint type	SWJ

PVC Non Pressure

6035090300R

Material Properties

Mechanical

Density 'specific gravity'	1.43 - 1.5
Poissons ratio	0.38
Ring bending modulus (3 mins)	3200 MPa

Thermal

Coefficient of thermal expansion	7x10-5 /°C
Thermal conductivity	0.138 - 0.150 W.m-1°C-1

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

Electrical

Volume resistivity	1015 ohm.cm
Surface resistivity	≥ 10^13 Ω

© Iplex Pipelines Australia Pty Limited 2026. Images are for illustration purposes only. 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 CONDUIT_6035090300R_datasheet_03Nov26