PVC NON PRESSURE SYSTEM

DWV

D00310043HD
DN100 X 43D HD SN8 DWV PVC-U Bend MF SWJ

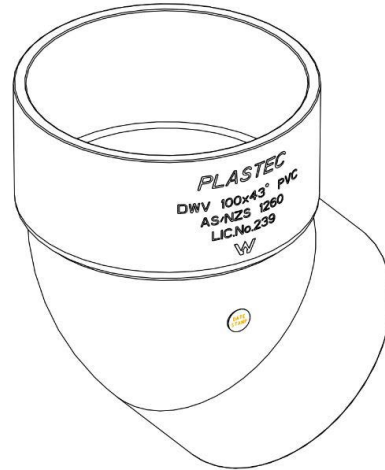**APPLICATION** Changes direction of a pipeline conveying non-pressure sewage and greywater by 43°.

FEATURES

- BEP PVC - Manufacutred from Best Environmental Practice PVC
- Installation Economics
- Operation Efficiences
- Corrosion Resistant
- Tree root intrusion resistance
- Leakage Elimination

TECHNICAL DATA
PRODUCT PROPERTIES

Primary Material	PVC-U
Colour	Grey
Joint Type	SWJ
Allowable Operation Temperature - Degrees	60°C
Allowable Operating Pressure - 20°C	900kPa
Average Number of Joints per Litre – Iplex Solvent	26
Average Number of Joints per Litre – Iplex Primer	78
Cure Time for Solvent Weld Joints	24hrs
Unprotected UV Exposure (years)	2 Years

PRODUCT DIMENSIONS

Category	Bend/Elbow		Degree	43
Rating	SN8		Weight	0.36kg
Nominal	100mm		Carton Qty	30

ENVIRONMENTAL CREDENTIALS AND STANDARDS

Environmental Accreditation	Best Environmental PVC - PVC Certificate No. BEP-PVC 0037
Product Standard	AS/NZS 1260 "PVC-U pipes and fittings for drain, waste and vent applications"
Watermark Certification 23900	WSAA Appraisal - PA1404

MATERIAL PROPERTIES

MECHANICAL

Density Specific Gravity	1.47
Ultimate Tensile Strength	52MPa
Yield Strain	5.5%
Compressive Strength	66MPa
Tensile Modulus	2750MPa
Hardness Shore D	85
Poissons Ratio	0.38
Ring Bending Modulus (3mins)	3200MPa
Ring Bending Modulus (50Yrs)	1400MPa

THERMAL

Coefficient of Thermal Expansion	7×10^{-5}/°C
Thermal Conductivity	0.138W/m.K
Specific Heat	1047 J/kg/°C
Vicat Softening Temperature	75°C
Flammability	Will not support combustion
Fire Index – Ignitability	8
Fire Index – Smoke Development	8
Fire Index – Spread of Flame	0
Fire Index – Heat Evolved	1