

# PP DRAINAGE & SEWER SYSTEMS

**BLACKMAX®**



**GR8225C**

**DN225 x 3m SN8 BlackMAX Pipe RRJ**

**APPLICATION** Used to convert rainwater or surface water suitable for stormwater drainage, eustraine and ocean outfalls, road culverts, low head irrigation, leachate collection and stormwater retention

**ADDITIONAL INFORMATION** Requires DN225 Rubber Ring Iplex Code: GERSEW225

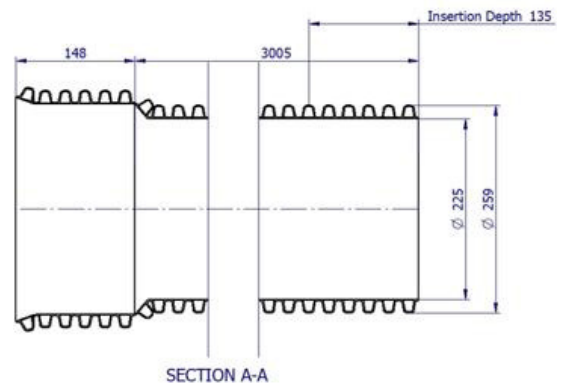
## FEATURES

- Australian Made
- Installation Economics
- Operation Efficiencies
- Abrasion and Corrosion Resistant
- Tree root intrusion resistance
- Smooth bore for hydraulic performance
- Low embodied energy for environmental benefits

## TECHNICAL DATA

### PRODUCT PROPERTIES

Primary Material	PP
Colour	Black with yellow internal liner
Joint Type	RRJ
Rubber Ring Material	SBR
Allowable Operating Temperature - Degrees	50°C
Average # of Joints per Litre – Iplex Lubricant	36
Unprotected UV Exposure (years)	2 Years
Maximum Diametric Deflection - 50 Years	7.50%
Socket Deflection	1°
Maximum Support Spacing of Pipe Graded	1.6m
Maximum Support Spacing of Pipe Vertical	3.2m



### PRODUCT DIMENSIONS

Category	Length	Max Socket Nominal OD	313mm
Rating	SN8	Profile Pitch	24.9mm
Length	3m	Witness Mark	135mm
Nominal	259.1mm	Weight	9.18kg
ID	225.0mm	Crate Qty	8
Wall Thickness	1.7mm	Crate Weight	73.44kg
Socket Depth	135mm		

## ENVIRONMENTAL CREDENTIALS AND STANDARDS

Environmental Accreditation	Best Environmental PVC - PVC Certificate No. BEP-PVC 0037
Product Standard	AS/NZS 5065 "Polyethylene and polypropylene pipes & fittings for drainage and sewerage applications" AS/NZS 2566.1 "Buried flexible pipelines - Part 1, Structural design & AS/NZS 2566.2 "Buried flexible pipelines - Part 2, Installation"
Standards Mark Certification	SMKP20603

## MATERIAL PROPERTIES

### MECHANICAL

Density Specific Gravity	0.9
Yield Strain	8%
Tensile Modulus	31MPa
Hardness Shore D	60
Poissons Ratio	0.45
Elastic Modulus	1700MPa
Creep Ratio	3.3
Ring Bending Strain	4
Ring Bending Modulus (3mins)	1300MPa
Ring Bending Modulus (50Yrs)	200MPa

### THERMAL

Coefficient of Thermal Expansion	15 x 10 <sup>-5</sup> /°C
Thermal Conductivity	0.22W/m.K
Specific Heat	1920 J/kg/°C
Vicat Softening Temperature	95
Flammability	Flammable

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