

PP DRAINAGE & SEWER SYSTEMS

SEWERMAX®



GR10525C
DN525 x 3m SN10 SewerMAX® Pipe RRJ

APPLICATION Used to convey sewage in gravity sewer mains.

ADDITIONAL INFORMATION Requires DN525 Rubber Ring
 Iplex Code: GERSEW525

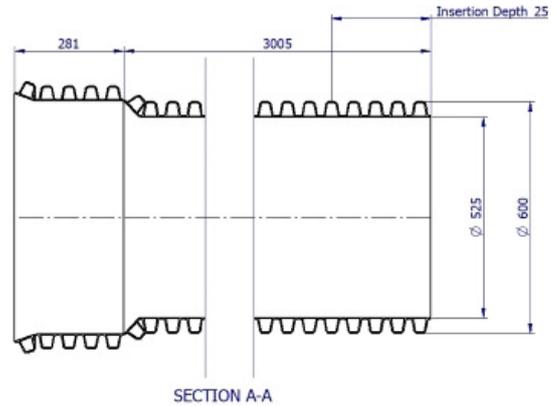
FEATURES

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

TECHNICAL DATA

PRODUCT PROPERTIES

Primary Material	PP
Colour	Grey with yellow internal liner
Joint Type	RRJ
Rubber Ring Material	SBR
Allowable Operation Temperature - Degrees	50°C
Average # of Joints per Litre – Iplex Lubricant	16
Unprotected UV Exposure (years)	2 Years
Maximum Diametric Deflection - 50 Years	7.50%
Minimum Radius of Curvature	75m
Socket Deflection	1°



PRODUCT DIMENSIONS

Category	Length	Max Socket Nominal OD	725mm
Rating	SN10	Chamfer Detail	56.9mm
Length	3m	Witness Mark	254mm
Nominal	600.5mm	Weight	54.62kg
ID	522.3mm	Crate Qty	2
Wall Thickness	3.2mm	Crate Weight	109.24kg
Socket Depth	254mm		

ENVIRONMENTAL CREDENTIALS AND STANDARDS

Environmental Accreditation	Environmental Product Declaration (EPD) S-P-00714
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	Standards Mark Certification SMKP20603

MATERIAL PROPERTIES

MECHANICAL

Density Specific Gravity	0.9
Yield Strain	8%
Compressive Strength	48MPa
Tensile Modulus	31MPa
Creep Ratio	3.3
Hardness Shore D	60
Poissons Ratio	0.45
Ring Bending Strain	4
Ring Bending Modulus (3mins)	1300MPa
Ring Bending Modulus (50Yrs)	200MPa

THERMAL

Coefficient of Thermal Expansion	15x10 ⁻⁵ /°C
Thermal Conductivity	0.22W/m.K
Specific Heat	1680 J/kg/°C
Vicat Softening Temperature	95°C
Flammability	Flammable

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