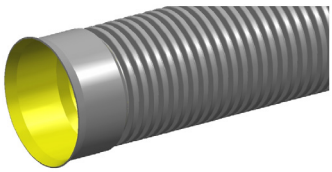
PP DRAINAGE & SEWER SYSTEMS

SEWERMAX®



GR10600C

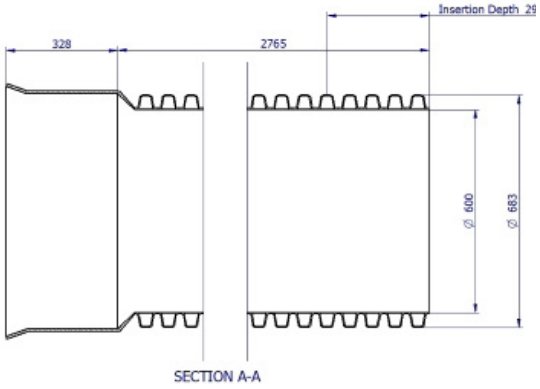
DN600 x 3m SN10 SewerMAX® Pipe RRJ

APPLICATION Used to convey sewage in gravity sewer mains.

ADDITIONAL INFORMATION Requires DN600 Rubber Ring
Iplex Code: GERSEW600

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	14
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
Rating	SN10
Length	3m
Nominal	682.8mm
ID	595.9mm
Wall Thickness	3.5mm
Socket Depth	296mm

Max Socket Nominal OD	820mm
Chamfer Detail	66.4mm
Witness Mark	296mm
Weight	66.98kg
Crate Qty	3
Crate Weight	200.94kg

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

AUSTRALIA'S PIPELINE SPECIALISTS EST. 1938