

AUSTRALIAN OPERATIONS

Sewertech

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PRODUCT DETAIL

Typical available sizes (DN)	Vinidex Code	Minimum Outside Diameter (mm)	Approx. Inside Diameter (mm)	Approx. Pipe Mass (kg/m)	Recommended Maximum Pulling Force (kN)
160	25802	160	144	3.7	20
225	25804	225	203	7.1	40
250	25801	250	226	9.0	50
315	25800	315	271	13.6	70
400	25803	400	372	21.9	110
450	25805	450	406	28.5	150
500	25806	500	452	34.6	180

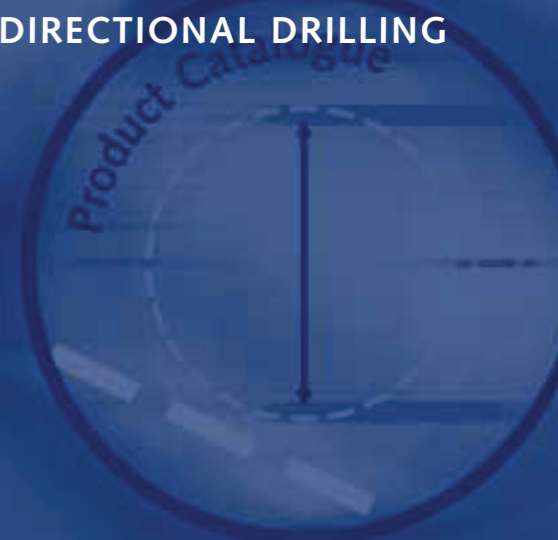
SEWERTECH PROPERTIES

Tensile Modulus (At 20° Celsius in MPa) Short term	800
Coefficient of Thermal Expansion (per degree Celsius)	2.0 x 10 ⁻⁴
Maximum Allowable Elongation (%)	5.0

Sewertech



DUAL WALL POLYETHYLENE PIPE FOR SLIPLINING,
PIPEBURSTING AND DIRECTIONAL DRILLING



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ABOUT VINIDEX

Vinidex Pty Limited is Australia's leading manufacturer of thermoplastic pipe and fittings systems. From its modest beginnings in Sydney in 1960, the company has experienced dynamic growth. The company now has factories and distribution centres located in Sydney, Melbourne, Brisbane, Townsville, Launceston, Perth, Adelaide and Darwin and a significant presence in the Asia-Pacific Rim, with operations in China and Hong Kong.

Vinidex pipe and fitting systems are used in a broad cross-section of markets and applications which include:

- Mining and industrial
- Water, wastewater and drainage
- Irrigation
- Plumbing
- Gas
- Communications
- Electrical
- Power
- Sliplining, pipebursting and directional drilling

About Sewertech

Sewertech is the latest combination of raw material and pipeline design technology.

Sewertech is dual wall co-extruded high density polyethylene (HDPE) for sliplining, pipe bursting and directional drilling in gravity sewerage and drainage applications.

The black external layer provides high scratch and ultraviolet resistance.

The body of the pipe is un-pigmented HDPE which is non-light scattering providing good reflection properties for manual and video inspection purposes.

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Sewertech Manufacture

Sewertech is manufactured in accordance with AUSPOLY industry guideline POP011 Polyethylene (PE) and Polypropylene (PP) pipes and fittings for drainage and sewerage applications (December 3, 2001).

POP011 is the source document in the preparation of an Australian standard for such applications providing requirements for the manufacture and performance of PE and PP pipes and fittings for non-pressure applications. POP011 is intended for use by manufacturers, specifiers and purchasers.

Sewertech Attributes

- Wall thickness in accordance with SDR 21 in all sizes
- High pipe ring stiffness, exceeding SN 8 in all sizes
- High tensile strength to withstand installation forces
- Low friction external surface for ease of insertion
- Low friction internal surface for hydraulic efficiency and low residual slime growth
- Scratch and ultra-violet resistant external PE layer
- Can be installed by sliplining, pipebursting, directional drilling or direct burial
- Zero joint infiltration, zero root penetration.

Jointing

Sewertech can be joined by butt-fusion and electrofusion welding using standard PE jointing equipment.

Sewertech System Compatibility

Sewertech is compatible with all standard PE sewer fittings being suitable for a wide range of off the shelf couplings, 45° saddles and various angle bends.

Property connections can be made easily using standard saddles or junctions

