

TECHNICAL DATA SHEET

GREENLINE POTABLE WATER EPOXY

Greenline potable water epoxy is a cure in place pipe (CIPP) resin designed for relining pipes. Liners based on this resin are suitable to be used for all potable water applications. It is 100% solids formulation with negligible cure shrinkage.

PRODUCT INFORMATION

RECOMMENDED APPLICATIONS

- General CIPP relining applications
- Relining applications where compliance with potable water testing standards is required.

FEATURES AND BENEFITS

- Available in two variants: normal cure and slow cure.

Greenline Potable Water Part B Epoxy Hardener provides a long working time.

- Both slow and normal cure variants are designed to cure fully at room temperature only, with no hot water / steam post-cure required. When cured, liners based on these resins comply with Australian (AS/NZS 4020), USA (NSF61F), and Singapore (SS375) potable water testing standards. Copies of certificates available on request.
- Whilst we note Greenline Nuflow's Standard Hybrid Liner mechanical values below, Greenline hybrid liner can be specified and designed to incorporate a range of live and dead loadings.

TYPICAL PROPERTIES

	Method	Value
Appearance		Liquid
Mixed colour		Green
Solid content by weight		100%
Tensile strength in Nuflow Hybrid Liner (MPa)	ISO 527	65
Neat resin flexural strength (MPa)	ISO 178	85
Neat resin flexural modulus (MPa)	ISO 178	2800
Flexural strength in Nuflow Hybrid Liner (MPa) *	ASTM D790	75
Flexural modulus in Nuflow Hybrid Liner (MPa) **	ASTM D790	2600
Maximum pipe working pressure ***	Water Pressure	Long Term: 1200 (kPa) Short Term: Up to 1800 (kPa)
Maximum Service temperature (°C)		55
Minimum application temperature (°C)		5
Maximum application temperature (°C)		40
Mixed Density		1.04 kg / litre
Shelf life (months) without mixing Part A and B (Months)		24

* Typical properties of standard Nuflow Hybrid Liner. The Nuflow Hybrid Liner can be custom made to handle greater or lesser live and dead loads, job dependant.

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*** Typical properties of standard Nuflow Hybrid Liner. The Nuflow Hybrid Liner can be custom made to handle greater or lesser internal pressure, job dependant.