

Self-Fusing Clear Silicone Underground Tape

M300

Product Specifications

General Information

Austworld M300 Silicone Burial Wrap is a professional-grade, self-bonding silicone tape engineered to provide long-term, corrosion protection for buried plumbing connections. It forms a seamless, watertight and airtight barrier without the use of adhesives, making it ideal for harsh underground environments where reliability is critical.

Key Benefits

- Self-bonding silicone technology with no adhesive failure over time
- Engineered specifically for buried plumbing applications
- Exceptional elasticity with up to 300% stretch
- Rapid application and sealing; bonds within minutes
- Resistant to UV, oil, salt, and corrosive soil contaminants
- Wide operating temperature ranges from -54°C to 260°C

Typical Applications

- Buried plumbing fittings and joints
- Water service protection
- Underground repairs and retrofits
- Corrosion protection in aggressive soil conditions

Product Configuration

PRODUCT CODE	DESCRIPTION
M300	(0.5mm x 25mm x 3m) self-bonding silicone burial wrap (2 rolls per pack)

Technical Specifications

Material	Silicone Rubber
Thickness	0.5mm
Stretch Capacity	Up to 300%
Working Temperature	-54°C to 260°C
Bonding Method	Self-fusing, no adhesives
Application	Underground / buried use

Installation Summary

Install plumbing joints in accordance with AS/NZS 3500. Stretch and wrap M300 Silicone Burial Wrap tightly over the fitting, extending a minimum of 25mm beyond each end. Maintain 5 to 10 mm overlap between wraps. The tape will self-bond within minutes and form a permanent impervious barrier within hours. Austworld products are engineered to perform where long-term reliability matters most.

TITASEAL[®]



Fine print on products installation instructions:

Where products are installed in buried locations or exposed to harsh or corrosive environments, Austworld recommends the use of TITASEAL M300 Silicone Burial Wrap as an additional protective measure to reduce the risk of moisture ingress and corrosion. Environmental conditions can vary significantly in severity, and in highly aggressive or corrosive environments, protective measures may not prevent degradation indefinitely. The assessment of site conditions and the suitability, extent, and adequacy of protective measures remain the responsibility of the installer. Austworld cannot be held responsible for performance issues or premature failure resulting from environmental conditions exceeding normal or anticipated service conditions.

For more information on Titaseal, contact:

Austworld 15 Activity Crescent, Molendinar, Queensland 4214 Australia

P. 1300 780 430

F. 1300 780 441

E. info@austworld.com.au

Austworld Pty Ltd. All rights reserved 2018. Austworld and Titaseal are registered trade mark belonging to Austworld Pty Ltd.

AW
AUSTWORLD