



# GUARDIAN Petrolatum MT Tape

## Product Description

GUARDIAN MT Tape is a key component of the GUARDIAN Systems. GUARDIAN MT Tape is a Non Woven polyester fabric fully impregnated and saturated with Petrolatum Compound consisting of blended inert fillers, corrosion inhibitors, wide spectrum biocide and thermal extenders. GUARDIAN MT Tape is manufactured in accordance with Standard C217-04 of the AWWA. GUARDIAN MT Tape is inert and will not polymerise or oxidise. Its non-hardening properties allow the product to accommodate both substrate vibration and movement.

## Application

Refer to the relevant GUARDIAN System Application Data Sheet.

| PROPERTIES                |                               |                             |
|---------------------------|-------------------------------|-----------------------------|
| PROPERTY                  | TEST METHOD                   | RESULTS                     |
| Tear Strength/Length      | AS2001.2.8 (Elmendorf Grab)   | 35.8N                       |
| Tear Strength/Width       | AS2001.2.8 (Elmendorf Grab)   | 32.9N                       |
| Breaking Strength/Length  | AS2001.2.3.2 (Elmendorf Grab) | 186N                        |
| Breaking Strength/Width   | AS2001.2.3.2 (Elmendorf Grab) | 58.2N                       |
| Thickness                 |                               | 1.4mm (Average)             |
| Water Vapour Transmission | ASTM E96                      | 0.12/ng/Pa s m <sup>2</sup> |
| Holiday Testing           | ASTM D149                     | 1 0kV (Recommended)         |
| Application Temperatures  |                               | -10°C to +55°C              |
| Service Temperatures      |                               | -10°C to +75°C              |
| Service Life              |                               | 20+ Years                   |

## Packaging and Yield

Available in the following sizes.  
 150mm Width x 10 Metres Length  
 300mm Width x 10 Metres Length

## Shelf life and Storage

3+ years shelf life when stored in dry, weatherproof conditions.



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## Warranties and Disclaimers

Hychem warrants that this product shall conform to the technical specifications published in the product literature. The quality and fitness of the product is dependent upon the proper use and application of the product by the applicator. Hychem has no role in the application of the finished polymer other than to manufacture and supply its components. It is vital that the person applying this product understands the product and is fully trained and certified in the use of spray equipment and application of sol-gel materials. There are no warranties that extend beyond the description on the face of this instrument, except when provided in writing, directly by Hychem and executed under seal by a company officer.

## Field Support

Field support where provided, does not constitute supervisory responsibility. Suggestions made by HYCHEM either verbally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they and not HYCHEM are responsible for carrying out procedures appropriate to a specific application.

## Customer Responsibility

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