



Oxitape Datasheet

V5 – 2026

Introduction:

Oxitape is a pre-impregnated fibreglass composite that is water activated. Packed in a hermetically sealed foil pouch, it is ready to use and doesn't require any measuring or mixing.

Oxitape is to be used in conjunction with TM198, forming a hard shell around the TM198 making a solution for asset protection resistant to corrosion, weathering, chemical exposure, and impacting forces.

Oxitape and **TM198** can be used in conjunction to provide a highly effective corrosion protection solution to the following applications:

- Splash Zone, inclusive of connections and field welds
- Pipe Ground to air interface
- Pipe supports
- Buried pipe

Features:

- Excellent Impact and abrasion resistance
- Wide temperature range for application or service
- Pre-impregnated for fast field application
- Moisture or air curing with no solvents
- Performs extremely well in aggressive environments
- High UV and chemical stability
- Can allow for pressure release, where required
- Combination of TM198 and Oxitape are removable

Benefits:

- Protect coating/substrate from mechanical damage
- Ensures TM198 cannot be pulled away from substrate
- Suitable to many industrial applications including splash-zones and buried applications
- Fast application without process downtime
- Can be applied even in wet conditions
- Resistant to ageing and related degradation
- Removable protective solution for inspection or service requirements

Description:

Oxitape consists of 70% fibreglass; the remainder is a water activated polyurethane compound.

Recommended Use:

- Oxitape is only to be used in conjunction with TM198 as impact resistant wrap.
- Environments suitable for Oxitape include splash zone, sub-terrain.
- A minimum of two layers to generate suitable impact strength.

HMIS/NFPA Hazard ID System:

Health: 1

Flammability: 2

Reactivity: 1

Personal Protection: B

Approval References:

- No Volatile Organic Compounds (VOCs).
- ASTM D149 Dielectric Strength - 16,000V (Excludes TM198 Coating)
- ASTM G14 Impact Resistance 2 Layers - 123ft.lb / 167J **TBC**
- ASTM G14 Impact Resistance 4 Layers - 123ft.lb / 167J **TBC**

Appearance:

Standard grey

Oxitape roll sizes

Part Number	Roll Width	Roll Length
OTGU205	2"	5'
OTGU220	2"	20'
OTGU430	4"	30'
OTGU450	4"	50'
OTGU850	8"	50'

Recommended application temperature:

0 to 65°C / 32 to 150°F

Recommended operating temperature:

-45° to 120°C / -50° to 250°F

Flashpoint:

188°C / 370°F

Application Handling:

Open pouch just before application is to commence. Apply tape by hand in a spiral motion with a 50% overlap to generate the wrap. Compression tape must be used to ensure Oxitape is contact with substrate or TM198

Surface preparation:

- Remove any presence of inhibitor oil on TM198 before applying Oxitape

Recommended thickness:

- 2 layers, 50% overlap

Curing Times:

Varies depending on ambient conditions and surface temperature:

- 1-4 hours - touch dry
- 6-12 hours before exposure to impact

Resistance:

Will resist a wide range of physical metal reactions inclusive of chemical splashing and sea water/spray

Chemical Resistance:

Sulphuric Acid 50%	No effect
Hydrochloric Acid 50%	No effect
Sodium Hydroxide Solution 20%	No effect
Gasoline	No effect
Toluene	No effect
Xylene	No Effect
Mineral Spirits	No Effect
Distilled Water	No Effect

Strength & Pressure Withstand:

- Internal pressure up to 1000 k.p.a.
- Pressure withstand up to 30 Bar (435 psi)

Storage and Handling:

- Store in cool dry environment, below 25°c/77°f
- Shelf life 1yr

Safe Handling:

- Protective gloves and suitable eye protection must be worn when handling

For more information, please contact

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