



**ALLTER**

ALTERNATE  
CORROSION  
PREVENTION  
SYSTEMS



# Allter- Tape PVC™

## PRODUCT DATA SHEET

### Selection and Specification Data

<b>Generic Type</b>	A self-adhesive pressure sensitive polyvinyl chloride tape with a butyl rubber adhesive.
<b>Product Description</b>	Allter-Tape PVC™ is a flexible UV resistant cold applied PVC tape designed to be used for mechanical protection on top of our corrosion barrier systems Visco-Rite™70 and 70HB for immersed, buried and atmospheric services up to continuous 70°C (158°). This material provides good abrasion, impact and indentation resistance, and is also resistant to chemicals like acids and alkalis. Application examples are buried pipelines, girth-weld joints, elbows, tees, reducers, bends, flanges, insulated pipelines etc. found in various industries such as in petrochemical facilities, chemical plants, Offshore, power plants, refineries etc.
<b>Features</b>	<ul style="list-style-type: none"><li>• Complies to ISO 21809-3: 2016 in combination with Visco-Rite™70HB</li><li>• Can be applied by hand or Wrapping machine</li><li>• Excellent mechanical properties</li><li>• Very good impact and indentation resistance</li><li>• Flexible, with good conformability</li><li>• Suitable for a wide temperature range</li><li>• Excellent adhesion to itself</li><li>• Service temperature from -40 up to +70°C (-40 up to 158°F)</li><li>• Short term maximum 90°C (194°F)</li><li>• REACH compliant PVC</li></ul>
<b>Color</b>	Black
<b>Finish</b>	Eggshell
<b>Primer</b>	NR
<b>Dry Film Thickness</b>	500micron (20mils) nominal

# Allter-Tape PVC™

<b>Volume Solids</b>	100%
<b>Theoretical Coverage Rate</b>	1.5m <sup>2</sup> per 100mm. x 15m. roll at 500micron (20mils) DFT ex. 50% overlap
<b>VOC</b>	0 g/l (0.00 lbs/gal)
<b>Temperature Resistance</b>	from -40 up to +70°C (-40 up to 158°F)
<b>Topcoats</b>	No topcoat required.

## Substrate and Surface Preparation

<b>General</b>	Remove all dirt, grease, and any other contaminants that can reduce adhesion according SSPC-SP1 solvent cleaning.
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## Mixing and Thinning

**Mixing** No mixing. Ready to use material.

**Thinning** No thinning. Ready to use material.

## Application Equipment

**General** This material can be simply applied by hand or (semi) automated equipment.

**Application** Unroll a small part of tape and stick the material onto the specific Visco-Rite system. Applying the material with tension and press the material firmly onto the substrate to avoid air entrapment. Application must start with two (2) complete circumferential wraps around the protected object. The material can be applied spiral-wrap or cigarette-wrap with a minimum side by side overlap of 50%. When a new roll of material is used, a minimum overlap of 50mm. (2") to the previous roll is recommended, followed by one (1) complete circumferential wrap around the protected object, before proceeding further wrapping. When finishing the application, finish with one (1) complete circumferential wrap around the protected object.

**Airless spray** NR

**Brush and roller** NR

## Application Conditions

	Condition	Material	Surface	Ambient	Rel. Humidity
	Minimum	5°C (41°F)	5°C (41°F)	5°C (41°F)	0%
	Maximum	40°C (104°F)	70°C (158°F)	50°C (122F)	95%
	This material requires the substrate temperature to be 3°C (5°) above dew point				

# Allter-Tape PVC™

Curing Schedule				
	Temperature	Touch dry	Dry to recoat	Dry to handle
	5°C (41°F)	NR	NR	NR
	40°C (104°F)	NR	NR	NR
	50°C (122°F)	NR	NR	NR
	70°C (158°F)	NR	NR	NR
Note: This material does <b>not</b> cure.				

## Cleanup and Safety Information

**Cleanup** NR

**Safety** This material does not contain any hazardous ingredients. See SDS for specific information.

## Packaging, Handling and Storage

**Shelf life** Minimum 24 months at 23°C (73°F)

**Storage temperature and humidity** 4 - 40°C (39-104°F).  
95%.

**Storage** Material should be stored indoors, clean and dry, kept away from direct sunlight.

Shipping weight					
	Dimension	Weight per Roll	Weight per Roll	Rolls per Carton	Cartons per Pallet
	50mm. x 30m. (2" x 100')	1.88 kg	4.14 lbs	18	35
	75mm. x 30m. (3" x 100')	2.82 kg	6.21 lbs	12	35
	100mm. x 30m. (4" x 100')	3.76 kg	8.28 lbs	12	28

**Flash point (ISO 1523)** NR

**DATE:** January 2020

**DISCLAIMER:** Allter Coatings, a Greenhard B.V.B.A. brand, warrants that the product(s) represented within conform(s) to its/their chemical and physical description and is appropriate for the use as stated on the respective technical data sheet when used in compliance with Allter Coatings written instructions. Since many installation factors are beyond the control of Allter Coatings the user is obligated to determine the suitability of the products for the intended use and assume all risks and liabilities in connection herewith. Allter Coatings liability is stated in the standard terms and conditions of sale. Allter Coatings makes no other warranty either expressed or implied. All information contained in the respective technical data sheet(s) should be used as a guide and is subject to change without notice. This document supersedes all previous revisions. Please see revision date on the left. Allter® is a registered trademark.