

MOGOFE YELLOW TITAN

Technical Data and Application Guide

RV roof sealant tape selection, documented material data, surface preparation, installation and use limits.

Document purpose. This is a product-family technical and application reference for MOGOFE Yellow Titan RV Roof Sealant Tape. It is not an independent certification report and does not replace the RV, roof membrane or component maker's repair instructions. Test values are reproduced from the MOGOFE product manual and describe samples under the listed conditions.

1. Product family

Item	Standard	MAX
Construction	Single-component butyl rubber sealing tape	Single-component butyl rubber sealing tape
Nominal thickness	1.0 mm	1.2 mm
Widths	1.5, 2, 4 and 6 in	4 in
Colors	White or black	White only
Roll length	50 ft	50 ft
Current default retail option	White / 4 in x 50 ft	Select only when the thicker 4 in format is needed

2. Intended use

Yellow Titan is intended for non-structural weather sealing on common RV and camper roof seams, vent and skylight perimeters, window edges, membrane transitions and other stable weather-exposed joints. It is a pressure-applied tape: the bonding surface and application pressure are part of the system.

Use it when	Stop and repair first
The substrate is stable; the complete leak path has been identified; the bonding zone can be cleaned and dried; the tape can cover the full repair with clean margin on both sides.	The surface is wet, oily, dirty, loose, rotten, delaminated or structurally damaged; the repair involves pressurized plumbing, fuel systems or continuous underwater service; the equipment maker prohibits adhesive tape.

3. Surface families

Listed surface families include EPDM, TPO, rubber, metal, fiberglass, wood, plastic and glass. Material name alone is not a guarantee: aged membranes, coatings, oxidation, low-energy plastics and contamination can change adhesion. Follow the roof maker's guidance and test a small prepared area when the finish is uncertain.

4. Width and quantity selection

Measure the entire damaged zone or seam, not only the visible crack. Select a width that covers the full repair and still reaches clean bonding surface on both sides. Add every planned tape run, corner, overlap and trim allowance; divide the total by 50 ft and round up to the next whole roll.

5. Documented material properties

Property	Listed test condition	Recorded value / observation	Listed method
Density	As listed in product manual	1.65 +/- 0.05 g/cm3	GB/T533-2008
Composition	As listed in product manual	Single-component butyl rubber	GB/T533-2008
Heat resistance	212 F +/- 3.6 F for 2 hours	No flow; no surface cracks recorded	JC/T942-2022
Penetration	77 F for 3 seconds	58 +/- 8	GB/T269-91
Low-temperature flexibility	-40 F for 72 hours	No surface cracks recorded	JC/T942-2022
Elongation	73 F	450%	ASTM D412-16
Tensile strength	As listed in product manual	250 lbf/in2	JC/T942-2022
Peel strength	73 F; waterproof membrane	3 N/in	JC/T942-2022

How to interpret the table. These are documented material-level conditions and observations. They are not a universal installed operating-temperature range, service-life promise or guarantee that every roof repair will perform identically. Substrate integrity, contamination, coverage, weather and application pressure remain decisive.

6. Installation sequence

01

Inspect

Locate the full leak path. Remove loose or failed material and repair unstable substrate before sealing.

02

Clean and dry

Remove dust, oil, wax, moisture, oxidation, loose coating and failing old sealant. Let the area dry fully.

03

Plan and place

Dry-fit the run, cut the required length, peel the release liner gradually and place the tape without stretching.

04

Press firmly

Work edge to edge with firm, even pressure across the complete width, especially at curves, corners and changes in level.

Cold-weather preparation. If the tape feels less tacky in cold weather, keep the roll in a 50-68 F room before application. The bonding surface must still be clean and dry. Do not use heat in a way that damages the roof membrane or creates a fire hazard.

7. Installation checks

Before placement	During placement	After placement
Confirm substrate stability, compatibility, repair dimensions and a completely dry bonding zone.	Avoid stretching. Keep the exposed adhesive free of dust and fingerprints. Maintain enough clean margin on both sides.	Inspect every edge and transition. Re-press any area that did not receive full pressure. Do not treat tape as a structural repair.

8. Care, removal and limitations

Strong pressure-sensitive tape can require careful mechanical removal and may affect aged coatings or finishes. Work slowly and follow the roof or component maker's service guidance. Compatibility with a substrate family does not mean compatibility with every coating, prior sealant or surface treatment.

Do not use this guide as a substitute for leak diagnosis, roof inspection or structural repair. The installer remains responsible for confirming surface condition, full coverage and safe working practices.

9. U.S. retail terms

Shipping	Returns	Limited warranty
Ships from Dallas, Texas. Standard shipping is included for eligible U.S. addresses shown at checkout. Estimated delivery is 5-7 business days after order confirmation.	Eligible return requests may be made within 30 days after delivery. Change-of-mind tape must be unused, uncut, unpeeled and uninstalled. Customer pays change-of-mind return shipping; MOGOFE covers reasonable return shipping for verified damaged, incorrect or defective items.	12 months from delivery for covered manufacturing defects. Remedy is replacement or refund of the affected product at MOGOFE's option. Installation labor, roof condition and other property are not insured by the product warranty.

10. Support and document control

Document ID	Revision	Product family	Support
YT-RV-TDAG-01	2026-07-17	MOGOFE Yellow Titan Standard and MAX	contract@mogofe.com

11. Purchase and support checklist

Before ordering	Delivery issue	Warranty review
Identify the repair, confirm the surface and coating, measure full width and total length, then select Type, Width and Color. Review current availability and checkout terms.	Keep the package and product. Email the order number, selected variant and clear photos if the shipment is damaged, incorrect or appears defective.	Provide the Shopify order number, affected variant, installation date, surface and preparation details, and clear photos or video. Keep remaining tape, liner, packaging and a sample when reasonably possible.

12. Evidence and document boundaries

This document establishes	This document does not establish
Confirmed retail variants and thicknesses; documented manual values and listed test methods; common surface families; application sequence; use limits; current U.S. retail terms.	Third-party certification; a universal service-life or installed temperature guarantee; suitability for every coating or roof; structural repair performance; superiority to another brand without same-condition comparative testing.

Need a product-selection or documentation answer? Email contract@mogofe.com with the RV or roof type, surface material, repair dimensions, photos and the product option you are considering. Do not mail returns or warranty samples before receiving authorization.

Source basis: MOGOFE product manual supplied with the product, confirmed Shopify product configuration, confirmed MOGOFE commercial policies and the current Yellow Titan Development and Testing Notes. Detailed supporting reports may be provided to relevant institutions when required. For the latest retail availability and policy text, use the MOGOFE product and policy pages.