

# Solara Moto Gear: Weatherproof Internal Liner Technical Documentation

## Bike Compatibility & Fitment

Solara Moto Gear's Weatherproof Internal Liner is engineered to seamlessly fit a range of motorcycle models. These internal liners are designed specifically for the TR500 TrailMaster panniers, ensuring a snug fit that maximizes protection and utility. Compatible models include:

- BMW R1250GS
- Honda Africa Twin
- Honda NT1100
- Yamaha FJR1300

These liners enhance your gear's protection with a reliable fitment that prevents shifting and abrasion during rides.

## Technical Specs & Load Limits

Our Weatherproof Internal Liner boasts a robust technical specification, ensuring top-tier performance in all riding conditions:

- **Material**: Waterproof Fabric
- **Size**: Large, perfectly tailored for TR500 TrailMaster panniers
- **Closure Type**: Innovative Roll-Top for complete element protection
- **Weatherproofing**: Certified 100% Waterproof
- **Volume Capacity**: Designed for optimal space utilization within panniers
- **Weight Limit**: Tested to support up to 10kg of gear, maintaining integrity and stability
- **Maximum Recommended Riding Speed with Liners**: 130 km/h, ensuring aerodynamic efficiency

## Step-by-Step Installation

For optimal installation of the Weatherproof Internal Liner, follow these precise steps:

1. **Tools Required**: No special tools are necessary for liner installation. Ensure panniers are clean and dry.
2. **Insertion**: Open the pannier lid fully and gently insert the liner, aligning the corners with the pannier contours.
3. **Closure**: Roll the top of the liner at least three times to ensure a watertight seal.
4. **Final Adjustment**: Adjust the liner to remove any air pockets, ensuring a snug fit.
5. **Secure**: Close the pannier lid and ensure the liner does not obstruct latch operation.

## Weatherproofing & Maintenance

Maintaining the Weatherproof Internal Liner is crucial for long-lasting performance:

- **IP67 Gasket Sealing Checks**: Regularly inspect the liner's seal to ensure no debris is compromising its waterproof integrity.
- **Aluminum Finish Care**: Although the liner is internal, ensure the pannier's aluminum surface is clean to prevent abrasion.
- **Lock Cylinder Lubrication**: Although primarily for pannier locks, this ensures smooth

operation when opening panniers with liners inside.

## **Safety & Latch Operation**

The safety and operation of your pannier liners are paramount:

- **Latch Operation**: Ensure that the liner does not impede the pannier latch. The keyed-alike quick-release system should operate smoothly, providing easy access when needed.
- **Locking Mechanisms**: Regular testing of the lock ensures that the liner's placement does not interfere with the pannier's security features. Always double-check the roll-top seal after accessing gear to maintain waterproof integrity.