USER GUIDE

MTB FRAME PROTECTION PACK, 20 TPU FILMS

Twenty pre-cut pieces of clear TPU for the exposed areas of a mountain bike or hybrid frame. Fitting is done once and cannot be redone: prepare the frame, dry-fit every piece, then follow the order.



REF. PACKPROTECMTBGLOSS · MTB AND HYBRID · CLEAR TPU, 20 FILMS

01 · PREPARATION

PREPARING THE FRAME AND LOCATING THE PIECES

What the films protect

- **The drive-side chainstay**, hit by the chain on the trail.
- **The down tube**, peppered by the front wheel: gravel, mud, spray.
- **The head tube**, where the cables rub on every turn.
- **The seat stays** and the contact points with a bike rack, a wall, a shoe.

Before peeling anything

1. **Wash the frame** with soap and water, rinse, dry. A film laid over a trace of mud or wax lifts at the first wash.
2. **Degrease the areas to cover** with a clean cloth and isopropyl alcohol, then let it flash off. No oily degreaser, no polish.
3. **Set up in a clean room,** at room temperature, out of draughts: airborne dust ends up under the film. Bike held steady, in a work stand if you have one.
4. **Dry-fit every piece,** backing still on: its shape tells you which tube it covers. Note the direction and the starting point, tube by tube.

Specifications

Contents	**20 films**	Compatibility	**MTB and hybrid**
Material	**TPU**	Finish	**Clear**
Protects against	**Scratches, impacts, wear**	Resists	**UV, water, ageing**
Removal	**Residue-free**		

DO NOT FIT

- On **chipped or blistering paint**: the adhesive would lift the flakes on removal.
- **In cold weather** or on a cold frame: the adhesive does not grab and the TPU stays stiff on curves. Work at room temperature.
- On a **wet** frame (other than a deliberate wet fit, next page) or a dusty one.

SUGGESTED ORDER

Start with the **drive-side chainstay**: the most useful piece and the least visible, ideal for learning the movement. Then the **down tube**, the **head tube** and the cable-rub areas, and finally the seat stays and the small contact pieces.

02 · FITTING

WET FIT, DRY FIT, CURING AND CARE

Large pieces: wet fit

1. **Mix the application fluid:** water with a drop of soap, about 1 to 50, in a spray bottle. The film then slides on the frame and can be repositioned until it is squeegeed.
2. **Spray the tube and the adhesive side** of the film, after peeling the backing while holding the piece by its edges. Wet your fingers too: the adhesive does not mark damp skin.
3. **Position the piece** as noted during the dry fit, then adjust it by sliding.
4. **Squeegee from the centre to the edges** with a soft squeegee or a plastic card, in overlapping strokes, to push out water and air. Finish with the ends.
5. **On a tight curve,** gentle heat from a hair dryer softens the TPU: warm for a few seconds, at a distance, then squeegee. Never strong heat, and never on the small pieces.
6. **Wipe around the piece** and let it cure for **24 h** before riding or washing: the remaining water evaporates through the film and the small bubbles disappear.

Small pieces: dry fit

Peel the backing, lay one edge at the spot you marked, then roll the piece down while pressing gradually from the centre to the edges. A small piece cannot be repositioned: if it goes on crooked, lift it right away and start again.

IF SOMETHING GOES WRONG

- **Water bubble** after squeegeeing: push it to the nearest edge. A pinhead-sized bubble clears on its own as it dries.
- **Trapped dust**: lift the nearest corner while the film is still wet, rinse the adhesive side with application fluid, lay it back down.
- **Lifting edge**: the area was greasy or cold. Clean under the edge with alcohol, press, let it cure.
- **Crease**: peel the piece back to the crease, spray again, lay it down again.



Wet fit of a large piece: frame and adhesive side sprayed, the film can be positioned before squeegeeing.

Care and removal

The film is washed like the paint, with soap and water. Keep pressure washers away from the edges. A piece marked by an impact has done its job: it peels off without residue when pulled slowly, and can be replaced.

On video

Independent tutorials, scan to watch.

How to apply clear protective wrap on your bike
The Duke of MTB · English

How to apply frame protection to any bike
BikesbyMike · English

Need help?

velkyne.com/contact
Our team answers your questions about fitting and compatibility.

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