VELKYNE

USER GUIDE

3D FRAME PROTECTION FILMS, SET OF 21

Twenty-one pre-cut pieces of soft PVC with a diamond texture, for the areas of the frame that take the hits. Dry fit, done once: prepare the frame and locate every piece before peeling.



REF. PROTEGEVEL3D · ROAD, GRAVEL, MTB, FOLDING · DIAMOND PVC, 21 PIECES

01 · PREPARATION

PREPARING THE FRAME AND LOCATING THE PIECES

What the films do

- **Chainstay guard**: the longest piece takes the chain slap on the drive-side chainstay.
- **Down tube** and **head tube**: against gravel thrown by the front wheel and cable rub.
- **Seat stays, contact points**: bike rack, wall, shoe, bag.
- The **diamond relief** lets gravel and chain slide over its facets instead of cutting in, and its non-slip surface holds the bike against a wall.

Before peeling anything

1. **Wash the frame** with soap and water, rinse, dry completely. 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. Bike held steady, in a work stand if you have one.
4. **Dry-fit every piece,** backing still on: its shape and length tell you which tube it covers. Note the direction and the starting point.

Specifications

Contents	**21 pieces**	Compatibility	**Road, gravel, MTB, folding**
Material	**PVC + adhesive**	Texture	**Non-slip 3D diamond**
Set weight	**≈ 48.4 g**	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 PVC stays stiff. Work at room temperature.
- On a **wet or dusty** frame: fitting is done dry, on a clean surface.

SUGGESTED ORDER

Start with the **chainstay guard**, 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 pieces.

02 · FITTING

DRY FIT, CURING, REMOVAL

Fitting a piece

1. **Peel the backing a few centimetres** only, holding the piece by its edges. Never touch the adhesive side: a greasy fingerprint shows under a clear film.
2. **Lay the free edge** at the spot you marked, in line with the tube, and press it down. This first edge sets the alignment of the whole piece.
3. **Roll it down gradually,** removing the backing as you go and pressing from the centre to the edges with a flat hand. Go slowly: that is what prevents bubbles.
4. **Press the whole surface firmly,** then the edges with your thumb. The diamond relief is pressed facet by facet; a plastic card laid flat helps on the large pieces.
5. **Let it cure for 24 h** before riding or washing: the adhesive reaches full strength on a bike at rest, at room temperature.

Removing a piece

Warm it gently with a hair dryer, lift a corner with a fingernail and pull slowly, flat, without jerking: the film comes off without residue. Take care on paint that is already chipped, which any adhesive can lift. A piece marked by an impact has done its job: replace it.

IF SOMETHING GOES WRONG

- **Air bubble**: prick it at the edge with a needle and push the air towards the hole. A pinhead-sized bubble is invisible under the relief.
- **Crooked piece**: lift it right away, before it is pressed down, and lay it again. A film pressed then peeled has lost part of its tack.
- **Lifting edge**: the area was greasy or cold. Clean under the edge with alcohol, press, let it cure.



The chainstay guard fitted on the drive-side chainstay: the chain hits the diamond relief, not the paint.

Care

The film is washed like the paint, with soap and water. Keep pressure washers away from the edges and chain degreasers off the chainstay guard: wipe them off straight away.

On video

Independent tutorials, scan to watch.

How to apply frame protection to any bike
BikesbyMike · English

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

Need help?

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

© 2026 Velkyne. All rights reserved.