

Annex E

Technical File for EC Type Examination

Smart Rider Ltd

Personal Protective Equipment

Horse Riders' Body Protectors

Smart Guard

Body Protector Model 217

Technical File

Annex E

Manufacturer's Information for Users

Smart Rider Smart Guard Model 217 Horse Riders' Body Protector, Level 3

Instructions for Users

The **Smart Guard Model 217** conforms to EN13158: 2018, Level 3, and the BETA Standard 2018, it is BS marked conforming in UK by ITS.

The CE certification was carried out by INTERTEK Italia S.p.A.Via Guido Miglioli 2/A
20063 Cernusco sul Naviglio - Milano (MI) Italy Notified Body No: 2575
in accordance with the Regulation 2016/425 on personal protective equipment.

Protection offered by a Body Protector: Body protectors offer some protection from impacts suffered as a consequence of falling from horses. Impacts may be against soft or hard ground or object such as trees, vehicles, posts and rails.

Fallen riders and those working with horses can also be kicked, trodden on or crushed by a horse. Falls from horses involve high levels of energy dissipation. Injuries should be reduced in severity, but cannot be entirely prevented.

Body Protectors do not offer spinal protection or prevent injuries involving severe torsion, flexion and extension or crushing of the body.

EN13158: 2018 and The BETA Standard Protection Levels: This body protector has been manufactured and tested to meet the requirements of EN13158: 2018, the European Standard for 'Protective Jackets, Body Protectors for horse riders'. It is CE Marked showing confirmation to the Personal Protective Equipment directive (EU) 2016/425 In addition, it has been tested to BETA 2018 Standard for Horse Riders Body Protectors. The EN13158: 2018 and the BETA Standard have specific tests to establish the performance of garments under impact.

There are three categories of protection as follow:

Level 1: Green 2018

Protectors providing a lower level of protection that is only considered appropriate licensed jockeys.

Level 2: Orange 2018

Protectors providing a lower than normal level of protection that is only considered appropriate for use in low risk situation.

Level 3: Blue 2018

Protectors providing a level of protection that is considered appropriate for normal horse riding, competitions, and for working with horses. It is not certified as suitable for any other use.

This garment has been tested and certified to Level 3.

It is important to select the level of protection suitable you're riding activities.

Garment Size and Selecting the Correct Size:

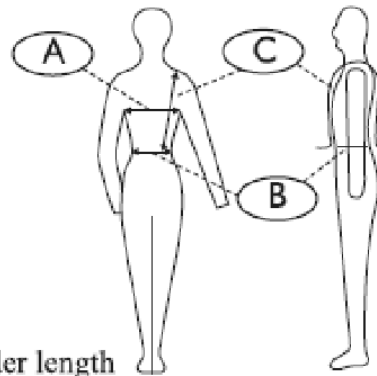
Take the measurements A, B, C as shown in the pictogram. Then select the correct size from the size chart below.

A - Chest: measured around the largest part of the chest.

B – Waist: measured around the waist above the hips and close to the lower rib.

C – Waist to Waist over the Shoulder: measured from front waist to back waist over the chest and shoulder.

Size chart and pictogram



Size/Grobe Taille	Chest/Brust Poitrine	Waist/Taille Hanches	Over Shoulder Oberkörper/Épaules
Child XXXS Kinder XXXS Enfant XXXS	60-64	54-60	58-63
Child XXS Kinder XXS Enfant XXS	64-68	60-66	63-68
Child XS Kinder XS Enfant XS	68-72	64-70	67-72
Child S Kinder S Enfant S	72-77	69-74	72-77
Child M Kinder M Enfant M	77-81	74-77	78-84
Child L Kinder L Enfant L	81-84	75-80	84-88
Adult XS Erwachsene XS Adulte XS	83-87	79-82	83-90
Adult S Erwachsene S Adulte S	88-93	83-90	86-93
Adult M Erwachsene M Adulte M	95-100	90-98	89-95
Adult L Erwachsene L Adulte L	98-104	96-102	92-97

Width:

if you are at the top or bottom of a size range for girth, we recommend you try the two closest sizes to establish which is the most comfortable.

Length:

Use the over shoulder measurement to select the garment with the back length most suited to your height and body proportions. It may be necessary to try on more than one variation to find the best fit. The back of the body protector should be as long as possible without touching the saddle during riding.

Fitting Instructions

1. Use a tape measure to take your chest and waist measurements.
2. Choose the garment nearest your waist measurements, flex the garment and try it on.
3. It should be worn over light clothing such as a shirt or Tee shirt. (In cold weather outer garments should be worn over the body protector.
4. Fasten it at the waist ensuring the red warning markers are covered with room for adjustment. If this is not comfortable try on the sizes above or below to find a better fit.

5. Test the garment is comfortable in all simulated riding positions; ask for the use of a saddle to check the back length.

Chest and Waist Adjustment:

At the waist the red mark, must be covered when closing the waist fastenings and before fastening the elastic belt. If you are able to see the warning markers when a snug fit is achieved, then the garment is the incorrect size and a larger garment should be selected. If the wing ends overlap at the centre, we would suggest that a smaller size may be more suitable.

Shoulder Adjustments:

At the shoulder the red mark, must be covered by the back shoulder strap before the front securing strap is fastened and pressed down.

Body Coverage:

When correctly fitted your body protector should cover the following areas of the body:

- The whole circumference of your torso.
- The front should reach at least 25mm below your bottom rib.
- The top of the back of the protector should just reach the prominent bone at the base of your neck (seventh cervical vertebra).
- The back of the body protector should come down as close to your tail bone as possible without touching the saddle.
- Always ensure the whole length of the hook fastening is in contact with the loop fastening.

Care and Maintenance:

Only the outer fabric cover of your Body Protector requires washing.

This should be a hand wash.

Hook and loop fastenings must be joined during washing, to avoid damaging the fabric. .

Avoid using solvent cleaner, or any other cleaning treatment, these can damage seriously the performance of the garment.

Washing



Storage: Lay flat in a clean, dry place. Avoid direct sunlight and extremes of temperature. Avoid storing under heavy objects.

Inspection:

We recommend that you inspect your body protector regularly for cloth wear. Damage to the impact absorbing foam may be apparent by a reduction in thickness, or a change in the feel by becoming softer.

If in doubt replace your garment. In the event of a fall, where the garment has had a severe impact, it should always be replaced.

Warnings

- Injuries should be reduced in severity but cannot be entirely prevented. Body Protectors do not offer spinal protection or prevent injuries involving severe torsion, flexion and extension or crushing of the body.
- Ensure this body protector is the correct size and is adjusted to give a close fit to the torso. Ill-fitting garments will have reduced protection and may even have a detrimental effect.
- Alterations to or misuse of the body protector would dangerously reduce the protection offered by it.

- The foam in this Body Protector is sensitive to extremes of temperature; it may become brittle in low temperatures. Its protective value may be reduced if it is subjected to high temperatures.
- This body protector is not the correct size or is incorrectly adjusted if any red coloured warning markers are showing when the shoulders and waist are adjusted to your fit.
- You should always wear a riding helmet meeting an appropriate standard.
- The materials used are not known to cause allergic responses in most people, however they cannot be excluded in sensitive people.
-

Declaration of conformity for this product can be found at:

<http://smartrider.co.il/declaration-of-conformity-217/>

MANUFACTURED by **SMART RIDER LTD**, Mishmar Hanegev ISRAEL 8531500

Date manufactured _____