



The P1 Rib Protector

Drivers wearing Tillett Rib protectors finish 1st, 2nd and 3rd in the 2016 CIK FIA karting World Championships



For 22 years, Tillett Racing Seats have been developing rib protection with some of the best drivers in the world. From F1 stars Lewis Hamilton, Jenson Button, Kimi Raikonen and Anthony Davidson, to the current CIK-FIA OK and KZ World Champions Pedro Hiltbrand and Paulo De Conto. The drivers at the top of world karting have all had input and influence on our designs.

The P1 is the product of all this experience. This latest Tillett model greatly improves the protection given by the competition. Using new technology and research, the P1 effectively spreads the extreme point loads transmitted to the ribs from the sides of the seat.



Size guide

The P1 is available in 6 Sizes; C, XS, S, M, L, XL

To find your size please refer to the chart below. Chest measurements should be taken using a measuring tape pulled tight around the chest. Then breath in and out taking note of the average circumference. For the Ladies P1 measure as high as possible directly under the breasts.

C	22" - 26"	56 - 66 cm
XS	26" - 32"	66 - 81 cm
S	32" - 36.5"	81 - 93 cm
M	36.5" - 40"	93 - 102 cm
L	40" - 44"	102 - 112 cm
XL	44" - 48"	112 - 122 cm



Tillett Rib Protection

The Choice Of World Karting Champions

Fitting

The P1 has adjustments front and back, to perfectly match the many different chest shapes. Initial fitting requires the rear Velcro joining panel to be positioned first. The rear adjustment is primarily for angle only and it is important to set this angle from the beginning. It is best to get assistance to position the joining section in the centre of the two panels, this will permanently fix the belt at the correct angle. To do this stand with the two panels held onto the ribs and allow them to sit at the angle formed by the shape of the chest.



The rear halves will be positioned like this if you have a V shaped chest.



The rear halves will be positioned like this if you have a straight chest.

The gap between the two panels at the rear should be minimal and they can touch but should not overlap. If the driver has an angular chest shape there will be a gap at the top of the two panels and if the chest shape is straight the panels will have very little gap. While it is being held in position on the driver, have the assistant fix the rear Velcro connection panel as shown below left.



Ask for assistance in positioning the rear joining panel. This will hold the two halves at the correct angle for your body shape.



Pull the top part back of the joining panel back and feed the Velcro harness strap through the slot.

Adjust the front elasticated Velcro strap until it is as tight as feels comfortable. Once this has been done, thread the harness straps through the chrome rectangular hoops at the front and the rear slot. Then adjust until a comfortable height is achieved. Please take note that P1 rib protectors sit much higher than other makes and should be worn on the inside of your race suit over a t-shirt. Try to make sure that none of the rear hook Velcro is showing outside of the joining panel as this is a very aggressive Velcro type and it could catch the fabric on the inside of the race suit.

Some types of seat fixing bolts could wear through your race suit whilst pressing against the hard shell of the rib protector. Bolts in the rib area should be embedded in (or covered by) a minimum of 5 mm of foam if you have the space.

The Tillett ultra low profile stainless steel fittings are a solution to the seat bolt problem if you do not have the space for foam.

Tillett rib protectors can help protect you when driving, although Tillett Racing Seats accepts no liability against personal injury.

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