



The R4 Ribtec

Tillett rib protectors have been developed over many years by the leading kart drivers in the World and European karting championships.

The R4 Ribtec helps drivers cope with the most demanding rubber covered tracks which place exceptional forces on the ribs and body.

This latest R4 model improves the protection given by the Ribtec 2 and P1 due to a multi composite construction. This panel construction spreads the load in such a way that it keeps individual ribs from moving independently. At the same time the R4 does not dig into the driver at the edges and does not create any extra pressure points due to its smooth comfortable toweling layered interior. The most significant improvement is that the R4 has been developed to be much better at rear $\frac{3}{4}$ and bottom rib injuries. It is very light and is also the thinnest hard shell rib protector available. The R4 has an adjustable rear angle to match the many different chest angle shapes a driver may have and the front has a Velcro attachment strap with elastic for convenience and comfort.

The R4 Ribtec is available in 4 sizes; S, M, L and XL. The R4 Ribtec is also available in a ladies version, there are 3 sizes available; XS, S and M.



Fitting Instructions

The new R4 Ribtec has adjustments front and back to perfectly match many different chest shapes. Initial fitting requires the rear Velcro joining panel to be positioned first. Therefore stand with the two panels held onto the ribs and allow them to sit at the angle formed by the chest. The gap between the two panels at the rear should be minimal and can touch but 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 on the driver in position fix the rear Velcro connection panel as it is shown in the pictures. The rear adjustment is primarily for angle only and it is important to set this angle from the beginning. It is best to get another person to position the joining section in the center of the two panels permanently fixing the belt at the correct angle. Then using the Velcro strap, adjust the front until it is as tight as feels comfortable. Once this has been done thread the harness straps through the rectangular slots at the front and the rear of the belt. Adjust until a comfortable height is achieved. Try to make sure that none of the rear hook Velcro is showing outside of the joining panel as this is very aggressive Velcro and it will pick up on the race suit.



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.



Get assistance in joining the back panel. This will hold the two halves at the correct angle for your shape.

To find the correct R4 size, please refer to the chart below. Chest measurements should be taken with a measuring tape pulled tightly around the chest. Ladies should measure just under the bust line.

S	31" – 34"	78 – 86 cm
M	34" – 36"	86 – 92 cm
L	36" – 39"	92 – 99 cm
XL	42" – 46"	107 – 117 cm

Seat bolts should be embedded in (or covered by) a minimum of 5mm of foam, otherwise the hard surface of the R4 and the head of a seat bolt may wear through your race suit. The Tillett V-Pads, which Velcro directly onto the seat over the bolts, are a solution that has been developed to solve this problem.

Tillett rib protectors can help protect you when driving, although Tillett Racing Seats and Dream Works Karting Supply, LLC accepts no liability against personal injury.