



# GREAT NEWS

## Transition to UK Manufacturing



In 2010 we decided it was in our best interests to make a transition to UK manufacture offering our customers many benefits.

Our UK manufacturing base has been operating since the 1970s which, combined with our 23 years experience in automotive suspension results in a formidable working relationship, especially when producing complex products involving bonding PU to metal.

UK manufacture also means faster supply lines with reduced carbon footprint and employment for UK workers.

Superflex now manufacture in; 50, 60, 72, 80, 88, 92 & 98 shore A to optimise performance and durability (tolerance +/- 3 points). Our PU is vacuum flaked before pouring which means less air inclusions. We now have tighter production tolerances - PU is machined to within 0.2mm where required

Many production hardness grades are applied in various positions around the car, depending on the load in that location. We can make our bushes in firmer grades to special order or in a variety of colours. The default colour is black.

### Stainless Steel Crush Tubes

All our UK manufactured product uses British sourced Stainless Steel Crush Tubes & Shells.

Whilst Bright Zinc Plated (BZP) steel may suffice in locations such as the Australian Outback, the American Southwest and other dry climates throughout the world, in cooler, wetter climates - especially where roads are salted - this is often not the case.

Unlike rubber bushes that torsion pivot on their bonding to the crush tube, PU bushes rely on their crush tubes as bearing surfaces.

Be under no illusion that a smear of assembly lubricant will be a substitute for stainless steel.

In time, grease gets displaced allowing water to enter between the tube and bush as the bush flexes in use. When water - especially salted water - enters the rust sets in. Once a crush tube becomes rusty, the surface acts as an abrasive to the PU, clearances increase, more water enters, play develops and the bush fails. We value our reputation, help us to help you by choosing our quality bushes with stainless steel metalwork

