

Successful Bespoke Polyurethane Project for Manufacturing Company

We were recently approached by a company enquiring if we could manufacture a very specialised, bespoke polyurethane product for them.

The company is an industry leader in their field, but their existing supplier was no longer able to supply them parts. Therefore, the company was looking for a new supplier who could manufacture their polyurethane product in the UK.

The product is a complex inflatable polyurethane bladder with an integrated stainless steel inflation valve, which would also need to be manufactured by our in-house precision engineering department. Following an initial meeting, and inspection of the item, we discovered not only would this polyurethane bladder require a slightly different polyurethane casting process, but each part would also need to be fully tested to ensure it maintained a specific pressure for a fixed duration.



After spending some time investigating best manufacturing methods, we carried out extensive trialing in conjunction with our customer, to ensure parts met their strict quality requirements.

The trials were successful, and we are now processing regular orders of polyurethane bladders for our customer and recently received the following commendation:

'We received the bladders today and I wanted to give you some feedback. Please can you congratulate your guy who makes these as they are the best we have received, not saying the others are bad, but these are almost perfect in every respect, so congratulations on a job well done. keep it up!'