



# Product information

## TIGHT TOLERANCE CAPABILITIES

Helping gasket makers achieve greater accuracy

### Background

For the majority of gasket making jobs, some variation of thickness is a recognised part of the manufacturing process and makes no difference to the effectiveness of the finished product. However, this is not always the case. For more specialist designs, the thickness of the rubber used for a particular gasket is a crucial element of the OEM designer specification.

### The problem

Responding to particularly tight tolerance requests can be a problem for many commercial grade rubber sheet suppliers. And for the gasket cutter who has very specific requirements, wastage levels can be high - and therefore costly - if the right materials are not sourced from the outset.

### J-Flex provides an accurate solution

In response to increasing demands for tight tolerance capabilities, the J-Flex production factory installed AccuTrack: an automated laser sensor gauging system to measure the thickness ranges of its specification grade calendered rubber sheeting. AccuTrack uses advanced, non-contact laser sensor technology to continually measure accurate product thickness. The system efficiently collects 50 measurements per second from the calender head, irrespective of the speed, colour, surface reflectivity or temperature of the rubber.

An agreed tolerance range is set at the beginning; and should the sheet thickness move out of range, the operative is notified immediately and able to simply re-adjust the calender nip spacing to back within desired parameters.

As a result of this state-of-the-art technology, J-Flex now confidently provides thin and tight tolerance products to its clients. In an ever more competitive rubber industry, the reliability and accuracy of materials is increasingly important to gasket makers – purely because it can significantly affect job profitability.

### Do you have very specific thickness requirements?

For more information on how J-Flex can help you, contact us for full details.

**Freephone: 0800 591692**

Check out the download area of our website  
[www.j-flex.co.uk](http://www.j-flex.co.uk) for other product information



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