



ARCO®  
SILICONE

A Division of Alliance Rubber Company

## Silicone Case Study Five: *Beef Processing Stomach Bands*

One of our distributors contacted us on behalf of a client, a large meat packing plant, to see if we could product a silicone band for their customer.

The current rubber bands used were standard rubber bands. The stomach and innards were contained in a bag cinched by the bands. The bands would often malfunction causing unnecessary delays in processing. The bands would come loose allowing the bag contents to spill into the carcass which could contaminate the meat. The customer wanted to achieve the following: 1 band to replace the 2 they were using; and a silicone band as opposed to rubber. The customer selected the dimensions they wanted for the new bands.

We did make some assumptions - first, that they wanted silicone for its strength, longevity, and the non-latex for direct food content attributes. And, second, while most rubber bands do not maintain their tight hold in a refrigerated environment, silicone bands will.

The specifications required to meet the customer's needs were determined - a band with a tighter grip and less stretch could best be achieved using a silicone compound.

Samples were sent via the distributor for their customer to test.



To learn more about other industries that have improved their work flow by using silicone extruded products offered by ARCO®, please visit <http://www.arcosilicone.com>. Or contact our experts directly by e-mailing [sales@arcosilicone.com](mailto:sales@arcosilicone.com)