

## ***High-capacity production of plastic sausage skins***

Mann+Hummel ProTec of Germany, in mid-July delivered a system engineering package to its long-standing customer Atlantis-Pak, headquartered in Rostov-on-Don, Russia, for handling, processing and control of the raw materials for two three-layer extrusion machines. These are employed to manufacture artificial sausage casings which are bi-axially stretched in accordance with a special blown film process. Equipment software developed by the Bensheim-based materials handling specialist not only controls the machines' dosing systems and conveyors but also the entire multilayer extrusion line.

This latest system supplied by Mann+Hummel ProTec has been designed to ensure that every layer of the compound sausage casing can comprise up to four different materials – primarily polyamides and polyolefins. In addition, each extruder of the three-layer equipment is linked to a SOMOS® Gramix Compact 100 gravimetric dosing and mixing system for precise dosing of four ingredients based on fixed recipes. Four FG 200 conveying machines automatically provide refill material and a hopper scale monitors throughput of the mixtures.

Atlantis-Pak, among the world's top 10 manufacturers of artificial sausage casings, has worked closely with Mann+Hummel ProTec for the past 15 years. Apart from single-layer casings, the delivery programme includes various barrier systems with three, five and even seven layers. [www.mh-protec.com](http://www.mh-protec.com)



***15 years of joint project work and partnership: Andrey Berendyaev (right), technology manager at Atlantis-Pak, and Rainer Riedel, export manager of Mann+Hummel ProTec***