

TEADIT[®] 2005 for Chocolate Production CASE HISTORY

SCENARIO

A German confectionary producer was having an issue with their previous waxy PTFE packing which they found had short life term in the big agitators moving the chocolate. The media is quite abrasive and requires a sealing solution which withstands the harsh conditions by starting the machine in a solid state. FDA certified sealing solutions are of course mandatory as no parts of the sealing material can end up in the chocolate.



SOLUTION

Teadit came in to evaluate the situation, in partnership, with the customer. Teadit recommended the packing style 2005 which is manufactured from pure ePTFE filaments pretreated with PTFE dispersion, but contains no other lubricants and is FDA approved. The internal matrix of the ePTFE yarn in the 2005 worked well with the percent of that applications abrasives and the FDA PTFE dispersion provided the required sealability levels without contaminating the media.



CUSTOMER GAINS

Teadit's 2005 style packing proved to be the solution the chocolate producer was looking for. It achieved the life term expectations of the customer, significantly reduced maintenance costs, and met high quality sealing performance required approvals. Technical support was provided to the customer by Teadit Engineering, as well as installation training for the product into the agitators.

