

Reducing loss in production time caused by Tobacco sticking to sealing plates



Product

Sealing plate for Tobacco pouches

Industry

Industrial -Tobacco

Challenge

Our client wanted to prevent loss of production time due to Tobacco sticking to the sealing plates. Plates need to be cleaned twice during each shift at 10 minutes per clean.

If plates are not cleaned this causes bad seals on the pouches. PTFE is banned in the Tobacco industry so British American Tobacco has been unable to use any sort of non-stick coating previously.

Solution

F-LON® 9000 is a PTFE free non-stick ceramic coating. This was trialed on one line on one machine and reduced downtime from 4.8% to 2.5%. Alongside its high temperature resistance (up to 450c) & extreme hardness (up to 9H) its physical characteristics provides excellent chemical, scratch and abrasion resistance. Plans are now in place to use F-LON®9000 on all lines on all machines and trial different areas that may benefit from the protection.

Find out how Fluorocarbon Surface Technologies can help your company improve efficiency and save money at www.fluorocarbonst.com or call us on 0845 2505 100