



FLUOROCARBON

CASE STUDY

F-LON® 9000

HIGH TEMPERATURE COATING IN THE
WHITEGOODS INDUSTRY

AT A GLANCE 

Industry: White Goods
Product: Heater Element
for white goods

F-LON® 9000 is a patented Ceramic Non-stick coating based on Sol-Gel technology.

THE CHALLENGE

The client wanted a solution to prevent lime scale build up on the heater element.

The desired outcome was to prevent premature failure of the element and therefore extending the life of the product for their end customer.

THE SOLUTION

We applied high temperature resistance F-LON® 9000 coating to parts of the heater element in contact with water.

Our clients are currently life testing their equipment in the field with good results.

This solution will allow our client to offer an extended life guarantee and provide added value, putting their product into the high end category.

BENEFITS

Benefit One

Prevention of limescale build up.

Benefit Two

Product life extended for their customer.