

## Case Study Elasteks-Textile Industry-

yarn dyeing machines,  
condensate water tank, steam  
and condensate pipes

### GEOGRAPHICAL AREA:

Turkey

### ISSUE:

Find a better solution for insulation  
of textile equipment to lower  
energy consumption.

### SOLUTION:

Syneffex™ High Heat  
(primer) and Heat Shield  
EPX4

### Coverage:

High Heat- 4-coats  
EPX-4-coats

### RESULTS:

- ✓ Reduction of energy  
consumption of 51% .
- ✓ Prevented corrosion of the  
dyeing machine and pipes.
- ✓ Long lasting - 5-10 years.

## Award Winning Energy Saving and Asset Protection Coatings



Syneffex's Turkish Distributor, Kolorgen Ltd, worked with textile manufacturer Elasteks to insulate their yarn dyeing machines, condensate water tank, and steam and condensate pipes with Syneffex™ High Heat and Syneffex™ EPX insulation coatings.

Following application and cure time, they used a hot water meter to measure condensed steam to measure energy use, and their data showed a reduction in energy consumption of 51% as compared to before using Syneffex™ .  
(see chart on page 3)

For their next project, they plan to use the new Syneffex™ Diamond fast cure insulation coating to insulate their steam boiler.

Elasteks® is an established manufacturer of Elastometric covered yarns for fashion body wear, leg wear, outer and inner wear, and medical wear committed to the highest standards of quality.

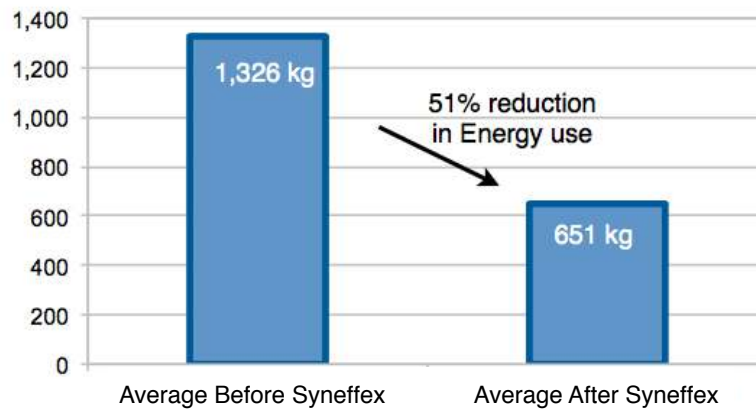


Elasteks®

CASE STUDY  
Additional Information

Award Winning Energy Saving and Asset Protection Coatings

Change in Average Steam Consumption/kg



The steam consumption in kg is per dyeing process cycle.

The calculation includes data of the dyeing processes over a period of 3 months, comparing before and after steam consumption in kg.

