

# VOMATEX GERMANY

High quality coverings for industrial ironing tables and presses

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## Inferior ironing covers reduce your profit!

When you are producing clothing today you are forced to question each purchase in order to save cost and stay competitive. On the other hand you need to take care about the quality and the look of your product because your customers will demand price reductions for any visible fault.

Ironing is a very important step in the production of clothing with internationally accepted quality. The ironing tables and presses need to be equipped with excellent coverings to achieve the desired ironing result.

For example most of these machines have silicone/foams as paddings which can offer good steam distribution and heat resistance. They are available at a variety of different hardnesses and thus can be selected according to the clothing. Unfortunately now there are cheap imitations of the common silicone/foams on the market being of inferior quality and longevity.

As the differences are not visible from the unused material we made a laboratory comparison of three different silicone/foams:

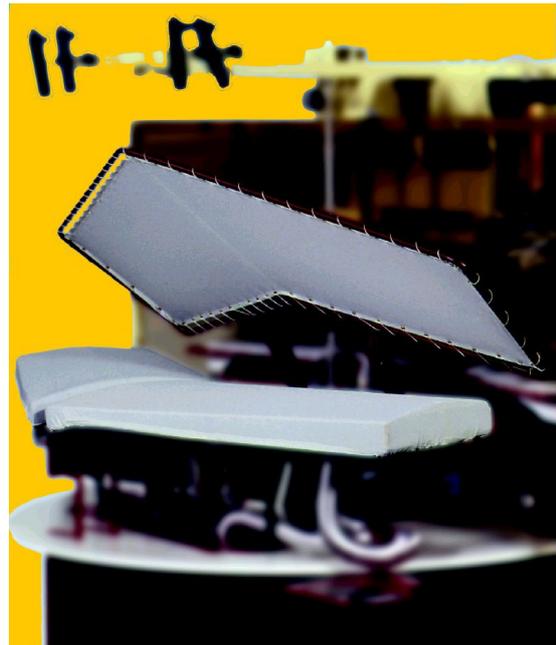
- A new Chinese product
- The most advanced silicone/foam VOMAPOR from VOMATEX
- An ordinary silicone/foam of European origin

The samples were selected by almost identical hardness, look and grip just like an average technician would decide that the different materials were almost identical. During the trial the three silicone/foams were tested for

1. the hardness
2. the expansion tearing
3. the pre compression set

These tests were executed on the untreated original materials and on samples treated in heat ovens with repeated influence of steam for 72 days. The first oven was constantly heated to 70°C, the second to 120°C.

Following charts are showing the disappointing results for the new Chinese product and the superior quality of the VOMAPOR.



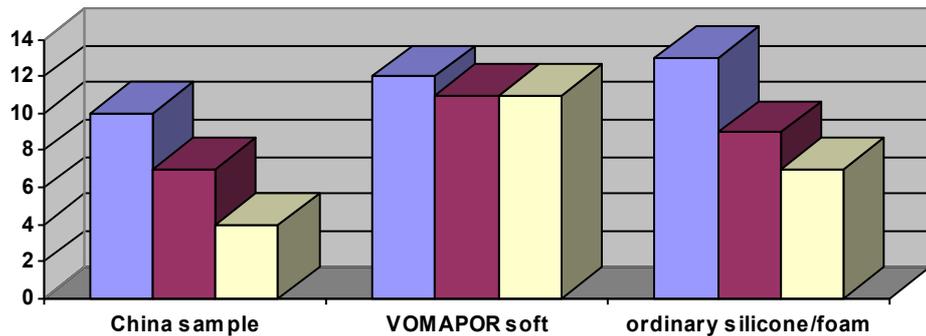
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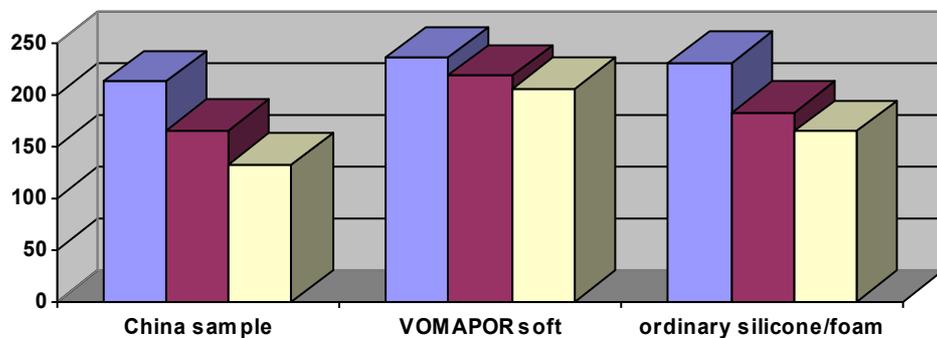
## Laboratory analysis of silicone/foams

Originally ■ after 72 days / +70°C ■ after 72 days / +120°C ■

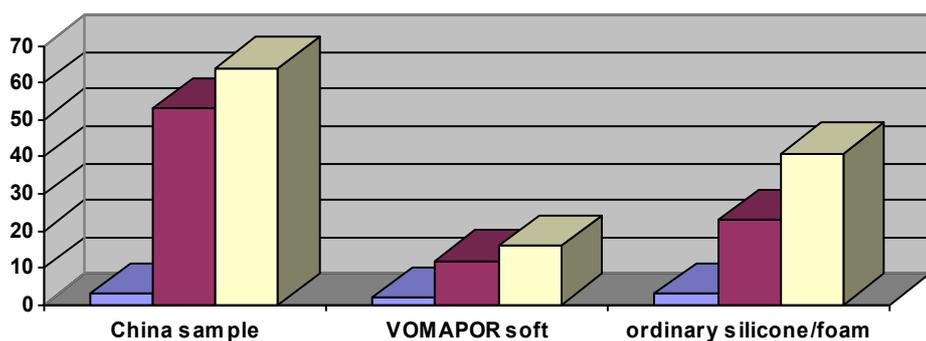
### 1. Reducing of the hardness upon influence of heat and steam



### 2. Change of the expansion tearing upon influence of heat and steam



### 3. Increasing of the pre compression set upon influence of heat and steam



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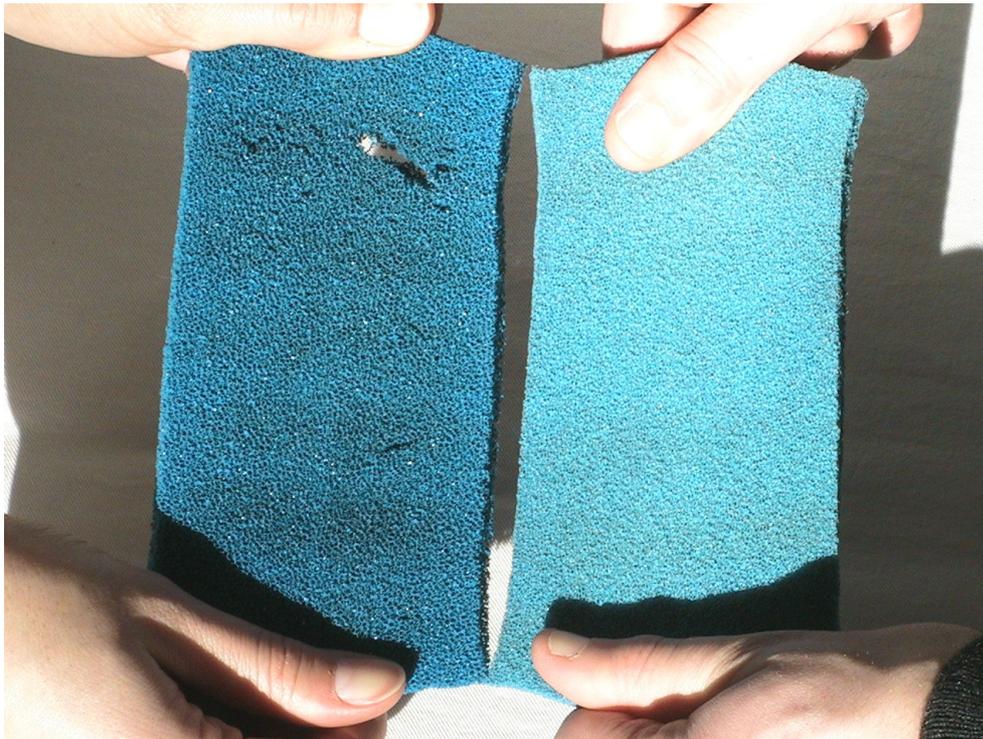
## Leading supplier of high quality coverings

As you can see only the VOMAPOR silicone/foam keeps the physical stability and for this reason offers a constant ironing result on ironing tables or presses.

The ordinary silicone/foam needs to be replaced more often and therefore causes more machine breakdown time. Finally the Chinese sample is very disappointing and can not be advised for industrial ironing and pressing.

The big differences in longevity can be explained by the bad raw materials and inferior production methods of the inferior Chinese material on the one hand and excellent raw materials and most advanced production technology for the VOMATEX product VOMAPOR on the other hand.

You may detect inferior silicone/foams yourself by heating them to 180°C for at least half an hour. Then you will find inferior material to tear easily whilst the good quality will continue to be elastic just as shown in below picture.



*The picture shows on the left hand an inferior silicone/foam and on the right hand the VOMAPOR silicone/foam from VOMATEX.*

*Both samples were put into an oven constantly heated to 180°C for half an hour. The inferior material is tearing whilst the VOMAPOR is still elastic.*

VOMATEX is continually developing new and advanced products in order to increase the efficiency of ironing, to improve the look of the finished clothing and to reduce expensive shut down times of the machines. For any information about the VOMATEX range of high quality products or at questions and problems related to your coverings please do not hesitate to contact us.