

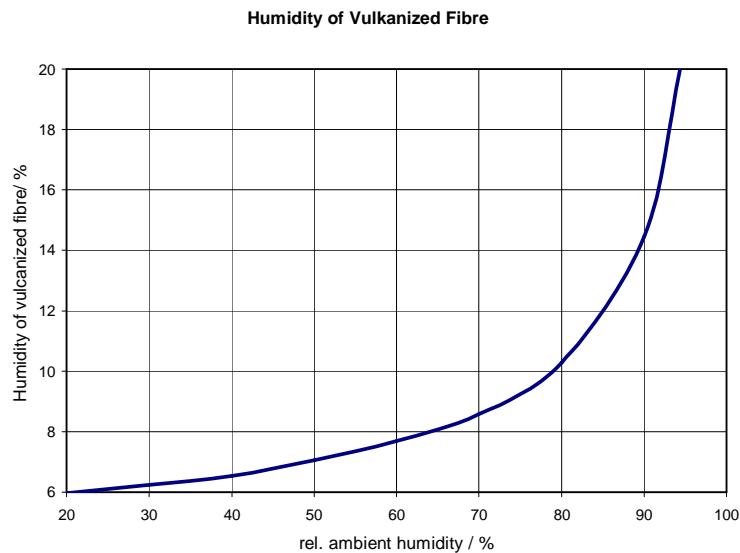


Ernst Krüger GmbH & Co KG
Vulcanized Fibre, Punched Parts from Insulating Materials, Sliver cans

When storing vulcanized fibre, it is recommended respecting the hygroscopic behaviour of the material.

According to DIN vulcanized fibre contains a humidity of 7 – 10 %. The following diagram shows, that storage should take place at a relative humidity of 40% to 80% to avoid damages.

In addition, the dimensions are depending on the humidity. Changing the materials humidity by 1% results in a change of thickness by up to 1%, a change of width up to 0.5%, and a change of length of up to 0.3%. With an inhomogeneous humidity of the material sheets of vulcanized fibre tends to warp. As an additional protection against warping, sheets should be stored lying with some distance holders, and protected with additional weights.



Sheets of Vulcanized Fibre are not delivered right after the production. During the first days or weeks after production, internal tensions will be reduced. This can lead to a certain amount of shrinkage of the sheet's dimensions, and to additional warping. It is therefore recommended storing the sheets for a few days or weeks, before cutting to the final size.

After any additional change of the ambient climate, the sheets should rest for a couple of days minimum before further processing.