

## Quality Guarantee

Tubes made from conservation **with two plastic plug-in lids on either side to ensure safe transport**

**Interior tube diameter 100 mm**

**Wall thickness 2.0 mm, length 150 cm**



We hereby confirm that our "Tubes made from conservation board" fulfil the following characteristics:

### Board

- 100% bleached cellulose
- without the usage of recycling fibres
- free of wooden fibres
- Kappa level 1 – 2 = lignin-free
- pH 7.5 - 10.0 = acid-free (in accordance with ISO 6588-1:2020)
- alkaline buffer > 3% natural calcium carbonate (GCC)
- sizing: neutral/synthetic (without alum additive)
- without optical brightening agents
- Photographic Activity Test (PAT) passed in accordance with ISO 18916:2007

### Glue used for lamination

- dispersion glue free of solvents and plasticizers (softening agents)
- pH approx. 7.0
- Photographic Activity Test (PAT) passed in accordance with ISO 18916:2007

This quality corresponds to the technological basis of the following standards:

DIN EN ISO 9706	Information and documentation – Paper for documents – Requirements for permanence
ANSI/ NISO Z.39.48	American National Standard for Permanence of Paper for Publications and Documents in Libraries and Archives
DIN 6738:2007	Highest level of permanency LDK 24-85

*We guarantee legally-binding that the above stated material meets the listed characteristics.*

*The material is ageing-resistant and provides active protection for the artefact.*

KLUG-CONSERVATION October 2023

Peter Langhammer

Quality Assurance