

**New
data sheet****THS145**

Puncture test fixtures according to **ASTM D4833**: Index Puncture Resistance of Geomembranes and Related Products;

Erichsen cupping test on sheet and strip metal: **DIN EN ISO 20482**, **DIN 50101-1**, **DIN 50101-2**, **GOST 10510-80-Fig.1.1**;

IEC 60903-Fig.5: Live working - Gloves of insulating material. Resistance to mechanical puncture;

ASTM E643: Ball Punch Deformation of Metallic Sheet Material.

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**New
data sheet****TH104**

90° peel test fixtures to test adhesive strength of ID cards according to **ISO/IEC 10373-1. Fig. 5**. Peel test: Identification cards – Test methods – Part 1: General characteristics;

DIN 53494

Electroplated coatings; testing of electroplated plastic articles; determination of peel strength.

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**New
data sheet****THS534**

Shear test fixture to test adhesives to **EN 1324. Fig.2**: Adhesives for tiles — Determination of shear adhesion strength of dispersion adhesives;

ANSI A118.1: American national standard specifications for dry-set portland cement mortar;

NF EN 12003: Adhesive for tiles — Determination of shear adhesion strength of reaction resin adhesives.

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**New
data sheet****TK Software User Guide**

Temperature regulator for our temperature chambers is delivered with free software

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You can download the software from our website [/software](#)



All fixtures to ASTM <http://www.grip.de/G16/ASTM/>

All fixtures to DIN <http://www.grip.de/G16/DIN/>

All fixtures to ISO <http://www.grip.de/G16/ISO/>

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