

**New  
data sheet****THS460**

Ball burst puncture fixture to test leather according to DIN EN ISO3379.

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**New  
data sheet****THS625**

Bond strength fixture to test tensile adhesion strength of thermal spray coatings according to ASTM-C633, DIN EN582, ASTM-D4541 (type V), DIN EN ISO4624, ISO13779-4, and ASTM-F1147 (fig. 2 & 3).

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**Revised  
data sheet****TH104**

90° peel test fixtures to test adhesive strength of identification cards.

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*Changes: New standard (ISO/IEC 7810) added for TH104-60 and TH104-110*

**New fixtures****THS1477-10**

Tear strength fixture to test textiles according to UNE-40413

**THS1457-10**

Tack-tear resistance fixture to test coated fabrics according to ASTM-D751 Fig.5.

All fixtures to ASTM, ISO, DIN, EN, etc. please see [fixtures to standards](#)

All data sheets as pdf [www.grip.de/pdf/](http://www.grip.de/pdf/) and doc [www.grip.de/doc/](http://www.grip.de/doc/)

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