

Cost rates

Please feel free to use the following information for orientation. A request for quotation is obligatory before placing an order. All prices refer to a single test or a single measurement.

The tests listed here are an excerpt from the most frequently requested tests.

Tests according to standards other than those listed here can be requested at any time.

Biaxial tests and measurements with BIAx	Price in Euro
Force-controlled biaxial force-strain measurements with determination of the strains longitudinally and transversely on cross specimens, Test duration ≤ 2 hours For instance, compensation biax or tests according to standard: <ul style="list-style-type: none"> • MSAJ/M-02-1995 • DIN EN 17117-1* • DIN EN 17117-2 From 2 hours test duration, which is often the case especially for DIN EN 17117-1 and -2, a time surcharge is applied.	475,00
Force-controlled monoaxial force-strain measurements with determination of the strains longitudinally and transversely on approx. 200 mm wide specimens, test duration ≤ 2 hours For instance, Shear Test / Bias Extension Test	400,00
Surcharge for strain-controlled regulation of the above-mentioned bi- and monoaxial force-strain measurements (strain control possible for both or only one axis), including necessary preliminary test	475,00 400,00
Surcharge for temperature-controlled testing of the above-mentioned mono- and biaxial force-strain measurements, possible temperatures -20 °C to $+70\text{ °C}$	200,00
Surcharge to above mentioned bi- and monoaxial force-strain measurements for a test duration > 2 hours, per additional hour	55,00 25,00
Wide Panel Tear Test Biaxial tear propagation test according to the descriptions of the "European Design Guide for Tensile Surface Structures", adjusted to the ELLF testing machine. (Only possible at room temperature) Slit length: 2.5 cm, 5 cm, 7.5 cm (adapted slit lengths) Recommended series of 3 per slit length and fabric direction	610,00
Fabrication of special holding constructions of the test specimen	according to workload
* accredited test acc. to DIN EN ISO/IEC 17025	

Monoaxial Tests	Price in Euro	
	Temp. 23 °C	Temp. ≠ 23 °C
Tensile tests on strip specimens according to or following similar test methods: <ul style="list-style-type: none"> · DIN EN ISO 1421* · DIN 53354 (withdrawn) · DIN EN 12317 · DIN EN ISO 527-3* · DIN EN ISO 13934-1 		
1. In case of simple cuttings (Foil)	45,00	75,00
2. Sample preparation of coated textiles (ripple)	55,00	75,00
Tensile tests on strip specimens after creasing. Application of the crease according to or following similar test methods: <ul style="list-style-type: none"> · ASTM D 4851, sec.17 ("Crease-Fold-Test") 	60,00	85,00
Tear propagation tests on trapezoidal specimens with incision, according to or following: <ul style="list-style-type: none"> · DIN 53363 (withdrawn) · DIN EN 17679 · DIN EN 1875-3 	55,00	75,00
Determination of the adhesion strength according to or following: <ul style="list-style-type: none"> · DIN EN ISO 2411 · DIN 53357 (withdrawn) · DIN EN 15619, Annex B 	55,00	75,00
Fabrication of special holding constructions of the test specimen (e.g. adapter for fixing clamping profiles in the machine)	according to workload	
* accredited test acc. to DIN EN ISO/IEC 17025		

Material specifications	Price in Euro
Determination of the total mass per unit area or mass, according to or following: <ul style="list-style-type: none"> · DIN EN ISO 2286-2 · DIN EN 12127 	20,00
Determination of the thickness, according to or following: <ul style="list-style-type: none"> · DIN EN ISO 2286-3 · DIN 53370 	30,00
Determination of the total skew (fill bow) according to or following DIN EN ISO 13015	50,00
Determination of the number of threads per unit length (thread density) according to or following DIN EN 1049-2	120,00
Determination of fabric binding types according to or following: <ul style="list-style-type: none"> · DIN 61101-1 · ISO 9354 	90,00
Determination of the open area of mesh fabrics according to in-house procedure a-IML-AA-04	145,00
Microscopic examinations using a digital reflected light microscope	at cost

Long-term tests	Price in Euro	
	Time-to-failure tests on strip samples up to 100 mm width	Temp. 23 °C
The test duration is ≤ 1,000 h. The time until breakage is measured.	145,00	205,00
Creep tests on cross specimens/strip specimens	Temp. 23 °C	
The test duration is ≤ 1,000 h. The elongation is measured over time. According to or following DIN EN ISO 899-1	on request	
Fabrication of special holding constructions of the test specimen (e.g. adapter for fixing clamping profiles in the machine)	according to workload	
Visual Documentation		
Simple Video recording, per test specimen	60,00	
Photo documentation, per test series	60,00	
Video recording (synchronization with measurement data) / per test (exclusive set-up)	110,00	
Set-up of equipment for video recording (synchronization) / per order	120,00	
Cost rates for staff members		
Institute Leaders, per hour	160,00	
Further employees, per hour	120,00	

All prices are exclusive of VAT

Date: September 2023