

Thickness Gauge

Thickness gauges for soft materials with different bases and measuring surfaces according to the most actual standards. These thickness gauges have a digital indicator for measuring fabrics, films, rubber, foil, sheets, etc according to the standards. Various models have a computerised indicator with data saving and built-in dwell timer function for the precision thickness measuring of leather, textiles, geosynthetics, fabrics, etc, according to the standards. It is also possible to manufacture custom thickness gauges with modified parameters such as measuring surfaces, force, range (up to 100 mm), depth (up to 200 mm), and timer period.



Technical details

Range	0 - 10 mm
Resolution	0.001 or 0.0001 mm
Jaw depth	50 mm
Accuracy	± 0.01 mm
Dwell time	5 or 30 seconds
Calibration	Acc. to ISO 17025

Standards

ISO 3034 · ISO 4593 · ISO 23529 · ISO 2286 · ISO 2589 · ISO 5084 · ISO 9863 · ASTM D1777 · ASTM 3767 · ASTM D5199 · DIN 53370 · DIN EN 1849



CUSTOM RANGE AND ANVILS ON REQUEST

Item No	Standard	Material	Range	Resol.	Depth	Accuracy	Base	Measuring surface		Force	
			mm	mm	mm	mm	mm	mm	cm ²	N	kPA
J1201	ASTM D1777-1	woven fabrics knitted fabrics	0-10	0,001	50	0,02	D38	D28,7	6,466	2,68±0,13	4,14±0,21
J1202	ASTM D1777-2	coated fabrics, narrow fabrics, webbing tapes, ribbons braids				0,015	D38	D9,5	0,7085	1,66±0,05	23,4±0,7
J1203	ASTM D1777-3	films, glass cloths, glass tapes.				0,002/0,012	D19	D6,3	0,3117	5,36±0,42	172±14
J1204	ASTM 3767-03-B	rubber 30-100mm				0,007	40x30	40x30	12	8±2	6,7
J1205	ASTM D3767-A1	rubber				0,01/ 1%	R12,5	R12,5 D10		0,8±0,1	
J1206	DIN 53370-F	plastic films				2% / 0,12	D10	D10	0,785	3,93	50
J1207	DIN 53370-P	foil				0,01-0,015	D10	R30 D5		0,5	
J1208	DIN EN 1849-2	waterproofing sheet flexible sheets				0,01	D10	D10	0,785	1,57	20±10
J1209	ISO 3034	corrugated fiberboard				0,02	D35,7	D35,7	10	20±0,5	20±0,5
J1210	ISO 4593-R	plastic, film and sheeting				0,001 / 0,002/	D10	R30/D5		0,5	
J1211	ISO 4593-P	plastic, film and sheeting				0,003/ 0,012	D10	D10	0,785	1	12,74
J1212	ISO 23529-A	rubber & elastomer				1%	D100	D10	0,785	0,8±0,16	10±2
J1213	ASTM D3767-03-A	<35IRHD									
	ISO 23529-A	rubber & elastomer	0,01	D10	D10	0,785	1,76±0,35	22±5			
	ASTM D3767-03-A	>35IRHD									

THICKNESS GAUGE WITH TIMER

Item No	Standard	Material	Range	Resol.	Depth	Accuracy	Base	Measuring surface		Force		Timer auto
			mm	mm	mm	mm	mm	mm	cm ²	N	kPA	sec.
J1231	ASTM D5199-01-B	geomembranes	0-10	0,0001	50	0,02	D6,35	D6,35	0,3167	0,633±0,006	20±0,2	5
J1232	ASTM D5199-01-A	geotextiles, geonets, geocomposite drainage materials				0,02	D76,4	D56,4	25	5±0,05	2±0,02	5
J1233	ISO 2286-3	rubber, plastic coated fabrics				0,02	D60	D10	0,785	1,88±1,9	24±2,4	30
J1234	ISO 2589	leather				0,015	D16 / D50	D10	0,785	3,85±0,1	49,1	5
J1235	ISO 5084-0	textiles				0,01-0,02	D100	D50,5	20	2±0,02	1±0,01	30
J1236	ISO 5084-A3	textiles				0,01-0,02	D100	D50,5	20	5±0,05	1±0,01	30
J1237	ISO 9863-1-C	polymeric and bituminous geosynthetic barriers				0,02	D56,4	D56,4	25	50±0,5	20±02	5
J1238	ISO 9863-1	polymeric and bituminous geosynthetic of non- inifrom thickness				0,015	R 1	R 1	25	0,6±0,1		5