



JUDO MATS – TECHNICAL DATA SHEET

Dimensions EN 12503-3

- Length: 2000 / 1000 mm +/-3 mm
- Width: 1000 mm +/- 3 mm
- Thickness: 40 / 50 mm +/- 3 %

Shock absorption EN 12503-4 and restitution of energy

- SHOCK ABSORPTION (γ): excellent values at different fall heights for knee/elbow and waist
- RESTITUTION OF ENERGY (%): excellent values at different fall heights for knee/elbow and waist

		Knee and elbow		Waist	
		Fall height	Fall height	Fall height	Fall height
		20 cm	60 cm	20 cm	60 cm
Absorption (g)	Test value	20	46	26	55
γ max. (g) \leq	Norm value	30	60	40	65
Restitution of energy (%) \geq	Test value	42	28	37	29
	Norm value	25	21	29	25

Fire resistance

B2 classified according to DIN 4102

Vinyl Topcover

- Weight DIN EN ISO 2286-2: 740 g/m²
- Tensile strength DIN 53354: > 2000/2000 N/5 cm
- Tear resistance DIN 53363: > 200 / 200 N

Antiskid

Composition: 100 % polyester barrier with coating of special mixture of natural and synthetic latex rubber

Colour: grey

Profile: waffle pattern

Total weight: +/- 700 g/m²

Density of the foam insert DIN EN ISO 845

Tolerance on theoretical weight: +/- 10 %

Life expectancy

Even after 15 years of proper use there is no relevant loss of mechanical properties.