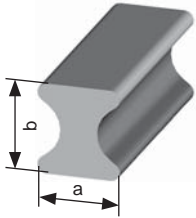
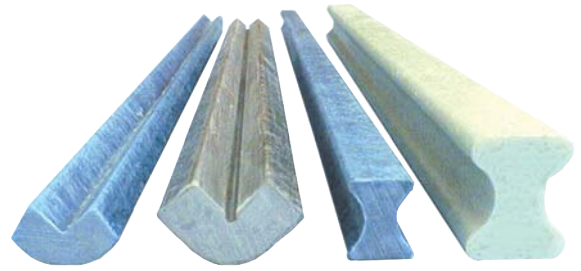
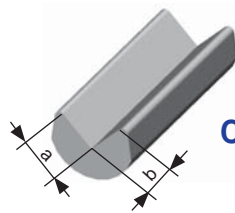


GRP Isolation profiles, especially for the electrical industry, are mostly used in transformers- and electric engine- constructions. Because of the wide availability of several dimensions, we can scover nearly every demand with our standard product range. With our own tool-production we can also enable a fast and cheap fabrication of customade profiles and special dimensions.



DOG BONES

	a (mm)	b (mm)
	5,3	8
	4,5	8
	8	6
	10	8
	11	10
	12	10
	13	10
	14	10
	15	10
	16	10
		12
		13
		14
	18	14
	19	10
		12
		16
	20	16
	22	20
	24	16
	25	22



CORNERPROFILES

	a (mm)	b (mm)
	4,9	4,9
	6	6
	7	7
	7,1	7,1
	8	8
	9	9
	10	10
	12	12
	16	16
	25	25
	39	39

Mechanical properties

Compressive strength (MPa)	450
Elongation at break (%)	2
E-modulus (MPa)	40.000

Electrical properties

Dielectric strength vertical (kV/mm)	12
Dielectric strength horizontal (kV/mm)	50
Dissipation factor at 50 Hz	13 x 10 ⁻³
Dielectric constant rel. at 50 Hz	5,5

Other properties

Continuous temperature (H)	180
Water absorption after 24h (%)	0,3
Glass content (%)	60 - 70
Density (g/cm ³)	2,0
Thermal expansion (mm/m*K)	12 x 10 ⁻⁶
Fire behavior UL94, halogenfree	V0
ROHS, ELV und REACH konform	