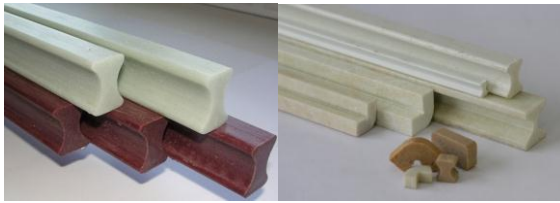
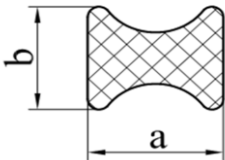


COMPOSITE INSULATING PROFILES



Composite insulating profiles for electrical devices (dry-type transformers, electric motors, coils). Profiles meet the European Directive 2011/95/EC restricting the use of hazardous substances in electrical and electronic equipment.

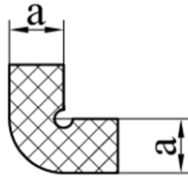
Dog Bone



Size: a x b, mm

8 x 6	16 x 12
10 x 8	18 x 14
12 x 10	20 x 16
13 x 10	22 x 20
14 x 10	24 x 16
15 x 10	

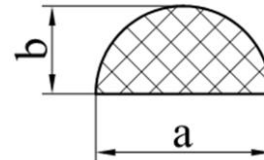
Corner Angel



Size: a x a, mm

6 x 6
7 x 7
8 x 8
10 x 10
12 x 12

Half Round



Size: a x b, mm

3 x 1,5	7 x 3,5
4 x 2	8 x 4
5 x 2,5	9 x 4,5
6 x 3	10 x 5
	12 x 6

Stock length: 2000 mm/2500 mm

Stock colour: Natural

Physical and Mechanical Properties of Fiberglass Profiles

Properties	Test methods	Unit	Mean value	
			HB F/H	V0 F/H
Mechanical properties				
Flexural strength across fibers, not less than	ASTM D790	MPa	650	550
Impact strength (IZOD)	ASTM D256	kJ/m ²	250	---
Barcol hardness, not less than	ASTM D2583		45	40
Electric strength across fibers, not less than	ASTM D149	kV/mm	5,0	5,0
Physical properties				
Density	ASTM D792 ISO 1183	g/cm ³	1,8 - 2,15	1,9 - 2,25
Water absorption, not more than	ISO 62	%	0,2	0,2
Fiber content		%	60 - 80	55 - 75
Thermal Class*		°C	155/180	155/180
Flammability	UL94	UL94 Class	HB	V0 (2,4 mm)
*Thermal Class is determined on the basis of Thermal Index (TI) definition according to IEC 60216.				

SPA «Severodonetsky Stekloplastic» Ltd.

2, Promyshlennaya street,
93404, Severodonetsk, Ukraine
Tel.: +38 0504758695
i.trukhlova@ssp-frp.com
i.trukhlova@gmail.com
www.ssp-frp.com