

Swisspacer profiles

Manufacture:

Scanglas A/S
Glasvej 2
4220 Korsør
Denmark

Material data:

When modelling the profiles following material data has been used:

Materials	λ in W/m ² K
Swiss spacer	0.19
Aluminium	160*
Dessicant	0.13*
Butyl	0.24*
Polysulfide	0.40*

*Materials for which the manufacture has not specified exact material data, values from prEN ISO 10077-2 has been used:

Normal spacers:



Calculations on the spacers has been performed using 0.3 mm butyl rubber along both sides of the spacer and 3 mm polysulfide along the lower part of the spacer.

Profile id.	Dimensions (with butyl & polysulfide) d×h (mm)	Equivalent thermal conductivity [W/mK]		L-value [W/mK]
		Old method	New Method	New method
Swiss Spacer 7.5 mm.	8.1×9.6	0.44	0.42	0.50
Swiss Spacer 9.5 mm.	10.1×9.6	0.48	0.44	0.42
Swiss Spacer 11.5 mm.	12.1×9.6	0.50	0.47	0.37
Swiss Spacer 13.5 mm.	14.1×9.6	0.53	0.50	0.34
Swiss Spacer 14.5 mm.	15.1×9.6	0.54	0.50	0.32
Swiss Spacer 15.5 mm.	16.1×9.6	0.54	0.51	0.30
Swiss Spacer 17.5 mm.	18.1×9.6	0.56	0.54	0.29
Swiss Spacer 19.5 mm.	20.1×9.6	0.57	0.55	0.26
Swiss Spacer 27.5 mm	27.1×9.6	0.61	0.61	0.22