

Swisspacer V 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
Stainless steel	17*
Desiccant	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:



Stainless steel foil 25 μ m has been applied along the lower part of the profile.

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
Swisspacer V 11.5 mm.	12.1×9.6	0.28	0.26	0.21
Swisspacer V 14.5 mm.	15.1×9.6	0.27	0.26	0.17
Swisspacer V 15.5 mm.	16.1×9.6	0.27	0.26	0.16