

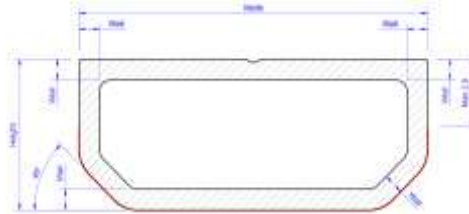
## Datasheet Swisspacer Essential



### Dimensions and Tolerances

(Please ask your sales representative for available dimensions and colours )

SWS	12	14	16	18
Height (mm) [+0.25/-0.05]	6,5	6,5	6,5	6,5
Width (mm) [+0.25/-0.10]	11,65	13,65	15,65	17,65
Wall (mm) [+/-0.05]	1,0	1,0	1,0	1,0



### Color-range



Black  
Standard  
Colour  
similar  
RAL 9005

### Thermal Performance

2-Box Modelling (Measured according IFT Guideline WA 17/1)	Thermal conductivity according to WA17/1	Box Height
	0,18 - 0,23 W/mK (Value determined internally, IFT validation and certificate pending)	6,5 mm

N°	TEST	NORMS	SPECIFICATIONS
10	Composition Glass fiber reinforced composite material Foil	EN 52612 & ISO 527-2 & DIN 53715	Thermoplastic + GF young modulus = 8000 MPa water absorption at 23°C < 0.03% High Tech Barrier Foil
20	SWS Colour resistance	ΔE<3.5	> 2 years
30	Compression resistance	Internal test SWS	Max Load: 50 N / cm
40	Coefficient Thermal Expansion	DIN 53752	28×10 <sup>-6</sup> ± 5 K <sup>-1</sup>
50	Fogging & volatile gas	IFT guideline VE17/2	No fogging in visual area
60	Second sealant adhesion	IFT guideline VE17/2	Adhesion according to norm with approved sealants  Overview of approved sealants available on request
70	Heat resistance	DIN EN ISO 306	Softening point of body material >165°C  Decomposition temperature of foil > 235°C

Art.-Number Essential: 111CCWWLPL where CC = Color Code WW = Width L = Linear connector P = Packaging L = Length