0.028



## Data sheet Psi values for windows

based on determination of the equivalent thermal conductivity of spacers by measurement

"Only valid for use with hotmelt-sealant"



Double-sheet insulating glass  $U_g$ =1.1 W/m $^2$ K

Triple-sheet insulating glass  $U_g$ =0.7 W/m<sup>2</sup>K

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	Product name		Spacer height in mm	Material	Thickness d in mm
Cross-section	Super Spacer Premium		4.7	Mylar foil Silicone foam	0.10 4.7
		Metal with thermal break	Plastic	Wood	Wood / Metal
Representative frame profile					
ative psi value double- rmally insulating glass W/mK	16 4	0.035	0.031	0.030	0.031

Two Box model Characteristic values	la	Space between panes in mm	$\lambda_{eq,2B}$ in W/mK	
	Space between panes	Space between panes in min	Box 1 · $h_1 = 5 \text{ mm}$	Box 2 · $h_2 = 4.7 \text{ mm}$
	$ \begin{array}{c c} \hline h_1 \downarrow & 2 \\ \hline h_1 \downarrow & 1 \end{array} $	Can be used for all spacer widths	0.24	0.15

0.029

The equivalent thermal conductivity has been determined in accordance with the ift guideline WA-17/1 "Thermally improved spacers – Determination of the equivalent thermal conductivity by measurement". The representative linear heat transfer coefficients calculated in this way (representative psi values) apply to typical frame profiles and glazing for the determination of the heat transfer coefficient UW of windows. They have been determined under the boundary conditions (frame profiles, glazing, glass mounting depth, back covering, primary and secondary sealant) defined in the ift guideline WA-08/2 "Thermally improved spacers – Part 1: Determination of the representative Psi value for

0.030



0.029

Representative psi value triplesheet thermally insulating glass W/mK