

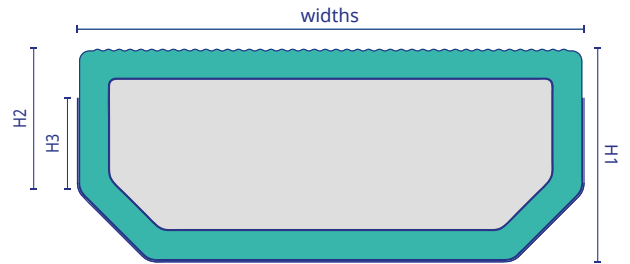
**Product
specification sheet
TGI-Spacer Precision**

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Material: Styrol-Acrylnitril-Copolymer (SAN) with glass fibre, multilayer barrier foil

Colors: Similar to RAL 7035, similar to RAL 7040, similar to RAL 8003, similar to RAL 8016, similar to RAL 9005, similar to RAL 9016

Certifications: EN 1279 2, 3 & 6, EN ISO 4892-2. It is a certified Passive House Component Class phA for Arctic Climate. The spacer will be covered by a DTA in summer 2019.



Spacer bar	Widths ± 0.05 [mm]	H1 ± 0.05 [mm]	H2 [mm]	H3 Butyl area [mm]
TGI-Spacer 12 mm	11.50	6.45	≈ 4.10	2.60
TGI-Spacer 14 mm	13.50	6.45	≈ 4.10	2.60
TGI-Spacer 16 mm	15.50	6.45	≈ 4.10	2.60
TGI-Spacer 18 mm	17.50	6.45	≈ 4.10	2.60
TGI-Spacer 20 mm	19.50	6.45	≈ 4.10	2.60

	Specification	Test method		Specification	Test method
	6000 mm +10/-0 mm	Measuring tape		0.31%	Test at ift Rosenheim according to EN 1279-6 Annex G
	≤ 13 kg	Dynamometer		No significant color change after 3000 h	EN ISO 4892-2 CSTB certified (French DTA)
	Rp 0.2 ≥ 55Nmm ² reference TGI-Spacer Precision 16 mm	3 point bending test		$\lambda_{eq'} 2B = 0.14 \text{ W}/(\text{m} \cdot \text{K})$	The equivalent thermal conductivity has been determined in accordance with the ift guideline WA-17engl/1 "Thermally improved spacers - Determination of the equivalent thermal conductivity by measurement"
	Inlet pressure 3 bar ≥ 1.5 bar - 2.5 bar	Manometer			