

NANOBAR WARMEDGE SPACER BAR TECHNICAL DATA SHEET

Overview Warmedge spacer bar for insulating glass manufacturing, extruded of high technology engineering plastic material and coated with aluminium foil as a gas diffusion barrier

Technical Characteristics

- UV and chemical resitancy
- high rigidty and stability
- gas tight
- very low psi values
- reduced thermal extension
- thermally bendable
- improved hole area for penetration
- as secondary sealant polysulfite, poliurethane, silicon and hotmelt possible
- primary sealing is made by butyl

Ψ - psi VALUE
Linear Heat Throughout at glass edge [W/mK] (acc.to EN ISO 10077-2:2012-06)

	Aluminium Windows	PVC Windows	Wood Windows	Wood/Aluminium Windows
DOUBLE GLAZING	0,036	0,032	0,031	0,032
TRIPLE GLAZING	0,031	0,030	0,029	0,03

Thermal Resistancy between -40 Celsius and +90 Celsius

Thermal Extension, linear 30 x K-1 x 10-6

Dimensions

Height, mm 7

Width, mm 7,5 - 9,5 - 11,5 - 13,5 - 15,5 - 17,5 - 19,5 - 21,5 - 23,5

Packing in Boxes, 5 meter profile length

Nominal Size	8 mm	10 mm	12 mm	14 mm	16 mm	18 mm	20 mm	22 mm	24 mm
meter/box	1600	1200	1040	880	750	720	640	525	480

Colours Black (RAL 9004), Dark Grey (RAL 7040), Light Grey (RAL 7035) (other colors upon request)

Fogging less than 0,01 mg for 10 gram profile at testing conditions of 90 Celsius and 168 hours

H - Test 0,3 MPa >10 minutes

Storage Guaranteed storage period is 12 months in the original packing, in dry storage facilities at temperatures between 10 and 30° C. Do not store in wet areas or under direct sun

NEDEX is certified by TÜV-Süd according to ISO 9001-2000