

PRODUCT DESCRIPTION

The NEDEX hot edge (hottest edge) fences have the lowest $\Sigma\lambda d$ - and ψ -values. The material properties and strong constructions allow the bends to be twisted in normal bending machines with fences, which can lead to trouble-free use even in glass under high wind loads. Metallic or nonmetal coatings on the backsides ensure that the clinker is a vapor and argon barrier. The adhesion force of the surfaces of the surfaces contacting the sealant is high. Resistance to UV rays, surface scratch resistance, low thermal expansion coefficient is another important feature. They are produced from raw materials that do not evaporate (fog) on fully automatic production lines. Only for insulated glass manufacturing and air drying applications, for different applications please contact NEDEX Technical Department.

TECHNICAL SPECIFICATION

Technical characteristic	warmedge spacer for insulated glass application extruded of pvc polymer material and coated with an aluminium or PET foil
Appearance	black, grey, white (any other colour possible)
Thermal resistancy	between -40 Celsius and +90 Celsius
Thermal extension	$40 \cdot 10^{-6} / K$
Height of profile	7-7,5 mm
Weight of profile	52g/m for 16 mm width
Recycle code	"03"
Ψ – Value	0,031 W/mK (for 12 mm Isoprofil spacer in 3 IG PVC window frame) (for 16 mm Isoprofal spacer in 2 IG PVC window frame)
Fogging	less than 0,01 mg for 10 gram profile at testing conditions of 90 Celsius and 168 hours
Thickness	$1 \pm 0,15$ mm

APPLICATION

Preliminary statement

Prior to application it is necessary to read the Safety Data Sheet for information about precautionary measures and safety recommendations. Also, for chemical products exempt from compulsory labelling, the relevant precautions should always be observed.

Pre-treatment

Processes are established to have secured quality of the delivered material. All the production processes, incoming raw materials and the spacers are regularly monitored through random checks. Data will be stored for a period of 5 years.

Cleaning of surface

If the plastic surface get dirty by dust from outside or from other materials, it can be cleaned again with a lightly wet cloth pad or air. Dust can easily be removed with antistatic loaded compressed air or a moist cloth.

System performance

The IG producer must be sure of the whole system containing the spacer, connector/corner key, bending machine (thermally bending or welding), desiccant, butyl and sealant works well together. Compatibility of those different products, adhesion, dust and corner labour quality is important. After handling and transport of the frames, it is important to check if the connector/corner keys are still in the correct position, if not there is a risk for desiccant dust inside the IG unit.

STORAGE**Frost-sensitive**

None. Material must be stored at application conditions prior to use to avoid condensation.

Recommended storage temperature

10°C to +30°C. Must be protected from direct sunlight and/or thermal radiation. Storage at temperatures below +10°C and above +30°C does not cause damages to the product, but requires a control of initial moisture value.

Shelf life

24 months in original closed packaging

PACKAGING

Carton Boxes The amount per box is determined depending on spacer size.

Hazard Indications Safety Recommendations Transport Regulations

See Safety Data Sheet

Disclaimer:

The information, specified in this Product Information, is based on careful laboratory tests and prevailing practical experience. The information is not binding, which is also generally true for our practical customer service, given verbally, in writing and by tests, since, on account of the diversity of applications and use, also including possible industrial property rights of third parties. Analysis results and all information regarding state and suitability of our products are only guidelines with no obligation on our part. In addition, our General Sales and Delivery Conditions are applicable.

Warranty Information:

NEDEX warrants only that its product will meet its technical specifications. NEDEX shall in no event be liable for incidental or consequential damage.

NEDEX's liability expressed or implied is limited to the stated selling price of any goods found defective.

This Technical Data Sheet supersedes all previous editions.