



TS-970 Product Information

Product Description

TS-970 is a solvent-free, permanently plastic one-component sealant based on polyisobutylene, which does not cure. The material is remarkably softened by heat. The way it bonds is physical; the maximum adhesion is obtained after a pressing procedure and a sufficient storage time.

Application Areas

TS-970 is used for the manufacture of multipane insulating glass units according to the system of the organic spacer, in conjunction with PS-998 RS. TS-970 assumes the function of the conventional PIB-sealant and the drying agent all in one.

Technical Data

Colour:	black
Odour:	odourless
Consistency:	permanently plastic
Density:	approx. 1.24 g/cm ³
Solids:	100 %
In service temperature range:	- 40°C to 80°C
Short exposure (up to 1 h):	160°C

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 labeling, the relevant precautions should always be observed.

Pretreatment

All surfaces must be clean, dry and free of grease.

Application

By means of a special processing installation, TS-970 is applied directly at 115 - 125°C to the glass pane from the drum. The counter-pane is then laid onto the profile applied, and the insulating glass unit is pressed to the required dimension using a special press.

ADEQUATE TESTS: The information contained in this bulletin we believe is correct to the best of our knowledge and tests. The recommendations and suggestions herein are made without guarantee or representation as to results. We recommend that adequate tests be made in your laboratory or plant to determine if this product meets all of your requirements.

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Storage

Frost-sensitive	no, but adequate storage at work room temperature before use is necessary
Recommended storage temperature	+15°C to +25°C; protect from direct sun and/or heat irradiation. A storage at +5°C to +15°C as well as +25°C to +40°C does not affect the product, but influences probably the operation properties.
Shelf-life	12 months in the original packaging

Packaging

Drum, 200 l	approx. 190 kg as unpacked product* (Øi = 571,5 mm)
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* For the precise weight see indications on the label

Hazard Indications/ Safety Recommendations/ Transport Regulations	see Safety Data Sheet
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Insulating Glass Information	In addition to our Technical Data Sheet special Insulating Glass Information Sheets are published concerning the various aspects of manufacture and use of insulating glass units, which give further information for the application of our products. Make use of this possibility, please!
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Important

The above data, particularly the recommendations for application and use of our products is based on our knowledge and experience. Due to different materials and conditions of application which are beyond our knowledge and control we strongly recommend carrying out sufficient tests in order to ensure that our products are suitable for the intended process and applications. Except for willful acts any liability based on such recommendations or any oral advice is hereby expressly excluded.

This Technical Data Sheet supersedes all previous editions.

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