

S 100 FL

BUTYL RUBBER SEALANT

Description

One part butyl rubber based sealant that cures through evaporation of the solvent becoming a mass with elasto-plastic characteristics. For sealing joints subjected to limited movements and vibrations. Water resistant, can be overpainted. After the application the sealant can be exposed to high temperatures (80 °C) for short time.

During curing the product is subjected to shrinkage.

USES:

- Sealing overlaps and joints in the metal working industry
- Flanged joints in air conditioning and ventilation, silos
- Assembling of sandwich panels frames
- Air seal of mechanically fixed plates

PACKAGING : cartridges of 310 ml and drums

CHARACTERISTICS:

Composition	: butyl rubber, synthetic resins, fillers and organic solvents
Consistency	: tixotropic non-slumping paste in vertical joints sized 18x18 mm.
Curing system	: solvent evaporation
Colour	: grey, white
Overpainting	: can be overpainted with alkyd enamels
Application temperature	: in the range +5 °C+40 °C
Tack-free time	: 20-30 minutes
Complete curing	: 4-6 weeks

TYPICAL CHARACTERISTICS OF CURED SEALANT

Non-volatile content	: 70%
Shore A Hardness (UNI 4916)	: 40 c.a.
Resistance to temperature	: from -25 °C to +70 °C

The values in this table must not be considered as specifications



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sealants

Technical data sheet

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METHOD OF USE

Surface preparation: all surfaces should be dry and clean.

Adhesion: good onto metals and many different materials commonly used in the building industry.

Application: In deep joints insert a compressible backing material upon which the sealant can be extruded. For this purpose we suggest the use of our **Filtene**, a closed cell polyethylene foam profile.

Apply the sealant making sure of contact on the sides of the joint.

The thickness of the sealant must not be lower than 6 mm.

It is advisable to apply enough sealant to fill the joint without any need of tooling the surface.

STORAGE STABILITY

12 months from production date in the original container. Keep the product in a dry place at a temperature range between +5°C/+30°C.

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