

BOSS® 7128 SPRAY ADHESIVE

TECHNICAL DATA

Basis	Synthetic rubber
Curing system	Physical drying
Density**	0,83 g/ml
Viscosity (Brookfield)	Ca. 800 mPa.s
Total solid content	Ca. 30 %
Temperature resistance**	-20 °C → 90 °C
Evaporation time (=minimum time before bonding)	Ca. 5 min
Open time (23°C, 55% RV)*	Ca. 110 min.
Pressing times	15-30s, press, roll or tap well
Application temperature	5 °C → 30 °C
Spray pattern	Web

* These values may vary depending on environmental factors such as temperature, moisture, and type of substrates.

** This information relates to fully cured product.

Description

BOSS® 7128 spray adhesive is a ready-to-use, strong and fast contact adhesive based on synthetic rubbers. It is applied two-sided and carried in an aerosol.

Properties

- Universal use
- Short evaporation time
- Fast strength build-up
- High end strength
- Ready to use and very user friendly
- Dichloromethane (DCM) free
- Doesn't attack polystyrene
- Fast drying process
- Good adhesion to many materials
- Fast hand tight bond

Applications

- For bonding a broad range of materials (not suitable for uneven surfaces)
- Suitable for the fast bonding of e.g. plastics, metal, timber, porcelain, cork, leather, ceramics, cardboard, paper and rubber
- Suitable for bonding of low energy surfaces

Packaging

Colour: Transparent

Packaging: 500ml aerosol

Shelf life

At least 12 months in unopened packaging in a dry storage place at temperatures between +5 °C and +25 °C. Upright storage is recommended. The product should be stored in accordance to the rules of storage of inflammable substances. Consult material safety data sheet for more information.



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Substrates

Nature: The to be bonded materials should be flat and well fitting as well as clean, dry and free of dust and grease.

Surface preparation: No pretreatment required. Rough grinding of smooth surfaces improve the adhesion. A preliminary adhesion test on every surface is recommended. BOSS® 7128 spray adhesive can be applied on all substrates Beware of migration of the plasticizer from soft plastics, this might negatively influence the bond.

Application method

Application method: Shake can well before use. When processing keep the aerosol can at all times upright and fully press the nozzle. Spray at a distance of ca. 5 à 10 cm of the object. Apply the adhesive evenly to both to be bonded surfaces. Spray the lanes over the entire material, preferably having a halfway overlap of the previous lane in order to have covered the whole surface with 2 layers. Two light coats (with overlap) give better results than one thick coat. Wait at least 10 minutes (at 23°C and 50% R.H.) and join the two parts together. Then press firmly together. When making connections, the strength and not the duration of the compression will determine the ultimate strength. After spraying, hold the can upside down and press the spray head until only propellant and no more product comes out to prevent clogging up of the spray can.

Health- and Safety Recommendations

Take the usual labour hygiene into account. Use only in well-ventilated areas. In case of insufficient ventilation it is appropriate to wear respiratory protection. Consult label and material safety data sheet for more information. Since the can contains flammable propellant, all possible ignition sources should be removed before application.

Remarks

- Do not use in applications where continuous water immersion is possible.
- Not suitable for vinyl or other materials with a high content of plasticizers.
- The applied pressure and not the duration of the compression will determine the ultimate strength of the bond.
- Given the great diversity of possible surfaces, it is recommended to perform an adhesion test on both substrates prior to application.

Liability

The content of this technical data sheet is the result of tests, monitoring and experience. It is general in nature and does not constitute any liability. It is the responsibility of the user to determine by his own tests whether the product is suitable for the application.

Disclaimer: This technical data sheet replaces all previous versions. The directives contained within this documentation are the result of our experiments and experience, and have been submitted in good faith. Because of the diversity of the materials and substrates, in addition to the great number of possible applications that go beyond our control, we cannot accept any responsibility for the results obtained. Further, since the design, quality of the substrate, and processing conditions are beyond our control, no liability under this publication will be accepted. In every case, it's therefore recommended to carry out preliminary experiments. BOSS reserves the right to modify its products, without prior notice.

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