

TECHNICAL DATA SHEET

0890 100 064

Power spray glue plus

Contact adhesive with high immediate adhesive strength and high heat resistance.

Fields of application:

Suitable for gluing fabric, polyether/polyester foam, foam rubber profiles, insulation materials, roof lining material, leather, felt, cardboard (together or onto rubber), metal (raw, phosphated, annealed, primed and painted, anodised), wood materials and polyester materials. Also suitable for gluing PE film (e.g. as sheeting for spray water protection inside car doors). This spray adhesive can also be used for finishing purposes and for linings (car roof linings).

Surfaces:

Suitable for gluing aluminium, stainless steel, copper, brass, steel/iron, ABS, GRP, rubber/foam rubber, hard foams, PE films, polycarbonate, polyurethane, wood (MDF, chipboard), laminated panels (Resopal, Ultrapas), cork, HPL, paper, cardboard, felt, fabric, leather (depending on the fat content), etc.

Not suitable for gluing soft PVC, PVC films, PMMA, synthetic leather, vinyl, chipboard cutting edges and polystyrene.

Properties:

- Excellent heat resistance up to 110°C ¹⁾
- Dries quickly – shorter processing time, as the material can be applied more quickly
- Spray head adjustable horizontally and vertically for optimal adjustment and application options
- No colour penetration through transparent hardening
- Silicone-free

Application:

Thoroughly clean surfaces to be adhered and then spray them. For absorbent and/or textured substrates/surfaces, the amount of adhesive applied must be increased and the whole surface sprayed until saturated. The spraying distance should be approx. 15 to 25 cm. Before joining

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together the surfaces to be adhered, allow the adhesive to flash off for 5 to 15 minutes (depending on the material and application). Using your knuckles, test to ensure that the adhesive no longer exhibits a gap-filling capacity at the thickest point of application (see note).

The processing time is approx. 45 minutes (depending on the ambient temperature).

Sufficient pressing force is essential to ensure positive adhesion. Tension-free bonds can be processed further immediately. Excess glue residues can be removed with acetone.

Technical data:

Chemical basis	Synthetic rubber
Colour	Transparent
Density	0.85 g/ml (active ingredient)
Solids content	approx. 30%
Application quantity/consumption	approx. 200 g/m ²
Spray pattern	fan-shaped
Ventilation time	5 to 15 minutes
Processing time	approx. 20 minutes
Complete hardening	approx. 60 minutes
Processing temperature	0 to +30°C
Temperature resistance ¹	to 110°C
Shear strength (PET film/PET film)	0.26 N/mm ²
Shelf life	12 months

¹ Depending on the test method

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Peel strength:

Adhesive applied on both sides with aerosol can; ventilation time: 5 minutes at room temperature (RT), then the two materials were joined and pressed together using a rubber roller. After storing at RT for 24 hours, the peel strength (180°) of the test specimens was tested at a speed of 100 mm/min.

Material combination	Adhesive
GRP/ foam-coated textile ²	42 N/mm
Beech/ TPO foam film ²	86 N/mm
Beech/ PVC foam film ²	45 N/mm
Beech/ leather ³	132 N/mm
Beech/ rubber	62 N/mm
ABS/ TPO foam film ²	79 N/mm
ABS/ PVC foam film ²	31 N/mm
ABS/ leather ³	115 N/mm
ABS/ rubber	45 N/mm

² Material breakage in back of foam

³ Partial material breakage in leather

Notes:

- After use, turn the can on its head and spray until the valve is empty.

This advice is based on our own research and experience. It is presented in good faith and may be considered reliable. However, due to the diverse processing, application and handling possibilities the information provided may not be considered legally binding. The same applies to the information provided by our technical and commercial customer service.

We recommend the users of our products to perform their own tests in order to determine whether our products are appropriate for the respective use and environment. We guarantee the consistent quality of our products. We reserve the right to implement technical changes and improvements.