

TECHNICAL DATA SHEET

0890 100 050

Hot melt adhesive 101

Fields of application:

Ideal for the automotive industry for effective dent removal on different materials and surfaces by affixing pulling tabs. Also perfect for securing components and coil wires in the electrical industry.

Properties:

- Elastic
- Good thermostability
- Waterproof and resistant to ageing
- Good resistance to PVC softeners
- Slightly tacky

Application:

The adhesive surfaces must be free from dust, dirt, moisture, grease and release agents. Softeners in plastics and paints can impair the durability of the adhesive. Apply the hot melt adhesive as a spot, film or bead and immediately press the parts together. Applying brief pressure increases the strength.

Dent removal with dent lifter set:

1. Clean dent with a suitable cleaner
2. Apply hot melt adhesive centrally on a suitable adapter.
3. Affix adapter at deepest point and if necessary cool with compressed air.
4. Hook slide hammer or PinPuller into the adapter and reshape the dent.
5. After removing the dent, use a plastic wedge to slightly lift the hot-melt adhesive at a certain point. Spray adhesive remover spray (art. no. 0893141) into the gap and allow to take effect. The adhesive remover spreads into the gaps and loosens the adhesive residue from the surface.
6. The adhesive residue is removed from the surface in one piece in a matter of seconds.
If necessary, remove any residual adhesive residue with the pre-cleaner (art. no. 0893 200 1).

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Technical data:

Chemical basis	Polyamid
Colour	yellow
Dimensions	length approx. 200 mm, diameter approx. 12 mm
Density	approx. 1 g/cm ³
Open time	approx. 20 to 60 seconds (depending on the material and on the applied quantity)
Curing time	approx. 20 to 60 seconds (depending on material, application method and insulating effect of the materials)
Processing temperature	180 to 210°C
Softening point	approx. 140°C
Viscosity	approx. 3.500 mPas (at 190°C)
Shelf life from production	18 month (in original packaging and at room climate)

Remarks:

Polyamides in balance with air humidity. The moisture absorbed can cause foaming (vapour formation) when melting polyamides. We recommend resealing the packaging well after each removal, and if necessary to dry the hot melt adhesive for 48 hours at approx. 50°C prior to processing.

Heat occurring during storage (e.g. due to solar radiation) must be avoided due to the changes to the outer shape of the hot melt adhesive this can cause.

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.