

DESCRIPTION

The PERMACOL 2040-series are thermosetting single component adhesives especially developed for SMT purposes. These epoxy-based, solvent free smooth thixotropic adhesives are optimised for (jet) dispensing and screen printing applications.

BENEFITS

- Excellent adhesion and thermal resistance
- High green strength / non-sagging
- Fast cure
- RoHS and REACH compliant
- Halogen free

Type	Viscosity (D=30/s 23°C)	Green strength	Colour	Application
2040J	25 Pa·s	400 Pa	Red	Jet dispensing
2040D	45 Pa·s	900 Pa	Red	High speed dispensing
2040S/20	60 Pa·s	1300 Pa	Red	Stencil printing / high viscosity dispensing
2040S/40	100 Pa·s	1900 Pa	Red	Stencil printing

STORAGE

Store in its original packaging between 5°C to 10°C. Avoid exposure to high humidity and sunlight. Do not open the package while the adhesive is cold. Remove the adhesive from the fridge at least two hours before use. See packaging for the expiration date. Shelf life: 9 months.

Curing recommendations

The standard curing conditions are 3 minutes @ 125°C or 2 minutes @ 150°C. In practice the oven time might need to be longer to allow the PCB to heat up.

Do not return used glue in the packaging to avoid contamination.

CLEANING

At room temperature, the remaining uncured adhesive can be removed and cleaned by means of solvents as Ethanol, Acetone, Isopropanol (IPA) or MEK.

Cured adhesives must be removed mechanically. We advise to heat up the adhesive bond over 100°C. At this temperature, the adhesive dot will become softer and the component can easily be removed using torsion.

PACKAGING

The PERMACOL 2040-series can be supplied in all dispenser-specific syringes, tins, pots, and eurosyringes.

EN – Legal Disclaimer

The products of Permacol (the "Supplier"), are sold subject to the supplier's standard conditions of sale, which are included in applicable sales agreements, printed on the back side of invoices, or available upon request. Although the information, recommendations or advice contained herein is given in good faith, supplier makes no warranty or guarantee, express or implied, (I) that the results described herein will be obtained under end-use conditions, or (II) as to the effectiveness or safety of any design incorporating supplier's products, recommendations or advice. Nothing in this or any other document shall alter, vary, supersede or operate as a waiver of any of the supplier's standard conditions of sale.

Each user bears the full responsibility for making its own determination as to the suitability of Supplier's products, recommendations or advice for its own particular purpose. Each user must identify and perform tests and analyses sufficient to assure it that its finished parts will be safe and suitable for use under end-use conditions. Because actual use of products by the user is beyond the control of Supplier, such use is within the exclusive responsibility of the user, and Supplier cannot be held responsible for any loss incurred through incorrect or faulty use of the products. Further, no statement contained herein concerning a possible or suggested use of any product is intended or should be construed to grant any license under any patent or other intellectual property right of Supplier, or as a recommendation for the use of such material in the infringement of any patent or other intellectual property right.