



TECHNICAL DATASHEET °

Penloc® ZT

° Temporary Datasheet. The technical statements are only guidelines and can be changed at any time.

Penloc® ZT is a low breakaway strength, yet permits fastener disassembly and readjustment. For fasteners made of soft metal or screws with slotted heads.

Penloc® ZT is a self-hardening resin which cures in the absence of air when confined between closely fitting metal parts. It is intended primarily for use as a threadlocking agent being particularly useful on as-received, oiled parts where high strengths can be achieved.

Shelf life: at temperatures between +5 and +25 °C 1 year

Technical Data

Color	yellow
Resin	acrylat
Strength	Lowstrength
max. Spiel:	0,1 mm

UNCURED PROPERTIES

Viscosity (Brookfield LVT/25 °C) [mPa·s] ₁	200
Flash point [°C]	> 100
Density [g/cm ³]	approx. 1.12

Curing

Handling Strength	5 - 20 min.
Functional Strength	45 - 300 min.
Full Strength	6 - 24 hour

CURED PROPERTIES

Temperature Resistance	-55 to 150 °C
Breakaway Torque	12,5 Nm
Prevailing Torque	12 Nm
Compression Shear Strength	11,5 N/mm ²
Dielectric Strength	8.5 kV/mm

Our data sheets have been compiled to the best of our knowledge. The information included in our data sheets is exclusive information for the intended user and describes characteristics, with no declaration of commitment. We recommend trials in order to confirm that our products satisfy the particular application requirements. For an additional technical consultation, please contact our R&D department. In general, for guarantee claims, please refer to our standard terms and conditions.

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