

Technical data sheet

2-K Epoxy Metal Kit

Available container sizes, order number and VPE

2-K Epoxy Metal Kit

SKU: 23920

Packing Unit 24

Description and properties

For quick repair of stripped threads, on pumps and housings (motor gearboxes, etc.) Tanks and vessels.

The parts to be repaired must be clean and free of oil and grease. Roughening increases the strength. Cut off the required amount of Metal Kit and knead for approx. 2 minutes until an even color is achieved and the material becomes warm. Then apply Metal Kit to the parts and model. Mechanical processing can be carried out after approx. 20 minutes. Final curing takes place after 24 hours. Do not process below 42°F outside temperature.





Epoxy resin repair putty	
Base	Epoxy resin - metal filled
Color	dark gray
Pot life	ca.3 - 4 minutes
Hand strength temperature dependent	8 - 10 minutes
Final strength	24 hours
Processing temperature	+50°F to +85°F
Curing temperature	+42°D to +45°F
Tensile shear strength DIN 53283	4.5 N/mm ²
Mixing ratio	1:1
Shore hardness D	87
Temperature range	-58°F to +356°F (short-term up to +572°F)
Shrinkage	approx. 0.05 %
Thermal conductivity	0.60 W/m-K
Electrical breakdown capability	3.0 kV/mm
Adhesive gap bridging	15 mm
Features	<ul style="list-style-type: none"> ○ Malleable like putty ○ Hard as metal ○ For repairs on the spot ○ Temperature resistant up to +356°F, briefly up to +573°F
Application examples	
<p>For quick repair to:</p> <ul style="list-style-type: none"> ○ Torn out threads ○ Pumps and housings ○ Tanks and containers ○ Hard plastic and stone 	

Danger and safety notice

Please observe the printed safety and hazard information before use.
 You can request the safety data sheet directly from us.

FERTAN LLC



IMPORTANT!

FERTAN 2-K Epoxy Metall Kit is a product of FERTAN LLC and its general terms and conditions apply exclusively. FERTAN does not assume any warranty for product properties and these are to be tested by each user according to his requirements. Information not contained in this data sheet must not induce the user to use the product for special purposes and FERTAN LLC.

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