

Technical Information

Product : **Tikal Tef-Gel**
Date : **05 / 2025** (This document supercedes all older versions.)

Productdescription

Tikal Tef-Gel is a watertight, PTFE-based paste which prevents the blooming of metal and also reliably prevents corrosion from galvanic flows between unequal metals. In all places where refined metals come into contact with less refined metals (eg. aluminium with stainless steel), a small amount of **Tikal Tef-Gel** suffices to prevent galvanic exchange of electrons and subsequent corrosion.

Applications

Tikal Tef-Gel is applied to the surface to be protected, smoothly and evenly, directly from the tube or using a small brush. **Tikal Tef-Gel** never dries up, which means there is no processing time. Use turpentine to clean tools or surroundings.

It does not drip or melt, is very waterresistant and sticks well.

Restrictions for applications

Tikal Tef-Gel never dries up, remains permanently liquid, so it cannot be painted over and is not suitable for lage area insulations.

In rare cases, Tikal Tef-Gel may cause stresscracking when in direct contact with **Polycarbonate**. This application should be tested under real conditions beforehand.

Pre-treatment and post-treatment

Metals must be degreased and clean, as well as dry and dust-free.

Colour / Packing

Colour: white

20 x 10g Tube single packed with application brush
Displaybox 20 x 10g Tube
60g Tin
360g Cartridge
500g Tin
25 Kg Pail

Certifications / Testing

- Several inhouse test
- Saltspray-fog test 2010 (SGS)

Technical Data

General	Remarks	Value
Chemical base		Synth ester with PTFE
Processing temperature		-20° to 150°
Shelflife		unlimited
Resting penetration	1/10 mm	220-240
NLGI Class		3
Kin. Viscosity at 40°C	mm ² /s	4800
Kin. Viscosity at 100°C	mm ² /s	330

Warranty / Liability

Tikal Marine Systems GmbH guarantees that all products conform to specifications within the minimum shelf-life indicated.

All technical information and processing information are based on our experience and our tests. The user is responsible for the sizing and choice of the application. We are not liable for consequential damage during application.

Safety notes

A safety datasheet can be accessed under www.tikal-online.de