

## Technical Information

Product : **Tikal Tef-Gel**  
Date : **02 / 2022** (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 large area insulations.

## 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            | 220-250               |
| NLGI Class              |                    | 3                     |
| Kin. Viscosity at 40°C  | mm <sup>2</sup> /s | 5000                  |
| Kin. Viscosity at 100°C | mm <sup>2</sup> /s | 340                   |

## 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](http://www.tikal-online.de)