

# perma FUTURA PLUS

Immediately ready for use

#### Ideal for use in wind turbines

perma FUTURA PLUS can be used in all types of applications with ambient temperatures from 0 °C to +40 °C. Depending on operating conditions, a lubricant volume of 120 cm<sup>3</sup> is dispensed in 1, 3, 6 or 12 months. Reliable function is based on an electrochemical reaction, which is started by simply turning the activation cap. The contained gas generator generates a pressure of max. 4 bar, which moves the piston forward and transports lubricant into the lubrication point. perma FUTURA PLUS is used for single-point lubrication of roller and sliding bearings, sliding guides, open gears, gear racks, spindles, shaft seals, chains etc. Main application areas are wind turbines and the food industry. perma FUTURA PLUS has a corrosion-proof plastic housing, which makes it ideal for hygienically clean environments.

More about our perma products can be found on our website *www.perma-tec.com* \_





MADE IN GERMANY



The Expert in Lubrication Solutions





## PRODUCT CHARACTERISTICS



SIMPLE ACTIVATION THROUGH INTEGRATED ACTIVATOR

No separate activator necessary Economical, permanent lubrication Quick and easy exchange without special tools



#### TRANSPARENT PLASTIC HOUSING WITH INTEGRATED SUPPORT FLANGE

Easy fill level check via permanently visible position of piston in lubrication system

Corrosion-proof



### **EX-PROOF CERTIFICATION**

Safe and reliable lubrication in explosive areas

Better workplace safety, since dangerous areas have to be visited for maintenance less often

## **TECHNICAL DATA**

**Drive** Electrochemical reaction via gas generator

Discharge period at +20 °C | 68 °F perma MULTI LC 150-2 (SF01) 1, 3, 6 or 12 months

Lubricant volume 120 cm<sup>3</sup> | 4.06 oz

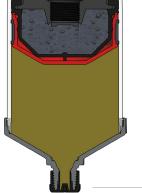
**Operating temperature** 0 °C to +40 °C | 32 °F to +104 °F

**Pressure build-up** Max. 4 bar | 58 psi

**Standard & special lubricants** Greases up to NLGI 2 | Oils

Dimensions perma FUTURA PLUS: Ø 70 x 117 mm





Activation cap with integrated gas generator (PA GF)

Transparent housing (PA)

Electrolyte fluid

(environmentally friendly citric acid)

Piston

Lubricant

With integrated support flange (PA GF) & retaining valve for oil-filled units (red plug)

Outside thread R1/4

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