



PLASTIC EXTREMETAG

5.6mm Industrial RFID Tag
Part Number 105 0055

Product Overview

Small plastic transponder encased in PEEK (Polyetheretherketone) and sealed with a durable epoxy for embedding into almost any type of material.

Read and write critical maintenance, repair, compliance or operational data to the asset. Capable of withstanding extreme temperatures.



Specifications

Description	Details
Type	Read/Write
Memory	EEPROM 2k bit
Unique Identification	3 words of 16 bits laser ROM
EEPROM Retention	Minimum 10 years @ 55°C
EEPROM Protection	Programmable read and/or write protection on every word
Read Cycles	Unlimited
Write Cycles	Minimum 100,000
Material	PEEK plus resin
Sealing	IP 67
Diameter	5.6mm
Thickness	1.7mm
Storage Temperature	-80° to 150°C (-112° to 302°F)
Operating Temperature	-40° to 85°C (-40° to 185°F)



- Especially designed for integration or retrofitting within existing or new metallic devices
- Unique eXtremeTAG technology allows the TAG to be directly embedded into metallic instruments
- Designed to withstand multiple temperature cycles
- Once encapsulated in a specific metal housing, the chip is resistant to common cleaning and decontamination detergents used in sterilization processes