

RFID SILICON TAG

IDT SIL 5015



UHF



Low Cost



IP 68



Washable

ID TECH provides a highly reliable and versatile RFID Silicon Tag, which is specifically designed for various applications. The RFID tag has a compact size and flexible form factor, making it ideal for use in diverse settings such as retail, logistics, and healthcare. The silicon tag is constructed with a robust and durable material that can withstand harsh environments and harsh conditions, making it an ideal choice for harsh industrial settings. The tag is equipped with an advanced RFID chip, which provides a high read range and fast data transmission speed, making it ideal for real-time monitoring and tracking. Additionally, the RFID silicon tag is compatible with a wide range of RFID readers, making it a flexible choice for different application requirements. Overall, the RFID silicon tag provided by ID TECH is a reliable, high-performance, and cost-effective solution for a wide range of applications.

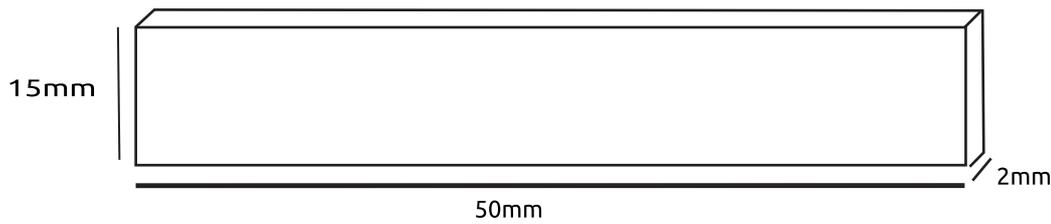
PHYSICAL PARAMETERS

Dimensions	50mm x 15mm x 2mm
Weight	8 gm \pm 1
Encasement / Material	Silicon
Packaging	Premium Plastic Packing

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	Washing: 90°C, 15 minutes, 200 cycle Pre-drying in Tumbler: 180°C, 30minutes Ironer: 180°C, 10 seconds, 200 cycles Sterilization Process: 135°C, 20 minutes
Storage Temperature	-40°C to +85°C
Chemical Resistance	Resistant To Chemical Solvent and Moisture
Shock & Vibration	MIL STD 810-G
Sealing	IP 68
Lifetime	Up to 100 Washes
Attachment	Heat Sealing, Encapsulation

IDT RFID SILICON TAG DIMENSION



UHF PERFORMANCE

Working Frequency	865 – 868 MHz / 902 – 928 MHz
Standard Protocol	ISO/IEC 18000-6C, EPC Class 1 Gen 2v2
Chip Type	Alien Higgs-9, Impinj M700/800 Series, UCODE 9 chip
EPC Memory	Chip Dependent
TID Memory	Chip Dependent
Read Range with Fixed Reader	Up to 6m (Reader & Chip Dependent)
Read Range with Handheld Reader	Up to 3m (Reader & Chip Dependent)

PERSONALIZATION

Pre-Encoding	Customer Specific Encoding of EPC
Customized Printed	Customer Specific Layout Including Logo, Text, Numbers, Barcode, etc.

ORDER INFORMATION

Part No.	IDT.RF.T.SIL.5015.BL (Blank)
-----------------	------------------------------

APPLICATION AREA



Retail



e-commerce



Logistics



Supply Chain



Laundry



ID TECH SOLUTIONS PVT. LTD.

610, Udyog Vihar Phase-5, Gurgaon, Haryana - 122016, INDIA | T. : +91-124 - 4255530 (6 Lines)

E.: info@idsolutionsindia.com | W: www.idsolutionsindia.com



The product specifications and descriptions listed in the specification sheet are subject to change anytime without notice.

©2023 ID Tech Solutions Pvt. Ltd. All Rights Reserved.