

UHF ON METAL LABEL

IDT 6406ML



UHF



Low Cost



IP 68

IDT 6406ML, UHF On-Metal Slim Label is made for tagging metal surfaces and objects. The thin, soft, and flexible tag structure is suitable for curved and flat surfaces. The Labels are EPC CLASS 1 GEN 2 certified and optimized for thermal printers. It delivers excellent performance on metal surfaces and liquid-filled bottles with a read-range of up to 4.5 meters. It is available in ETSI and FCC frequency bands.

PHYSICAL PARAMETERS

Dimensions	64x6x1 mm
Housing Material	PET/Aluminium Foil/Foam
Mounting	Adhesive
Color	White

ENVIRONMENTAL SPECIFICATION

Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +120°C
Chemical Resistance	Resistant To Chemical Solvent and Moisture
Sealing	IP 68

UHF PERFORMANCE

Working Frequency	865 – 868 MHz (ETSI) / 902 – 928 MHz (FCC)
Standard Protocol	ISO/IEC 18000-6C, EPC Class 1 Gen 2v2
Chip Type	NXP UCode 8
EPC Memory	128 bits
TID Memory	96 bits
Read Range	4m, On-Metal

IDT 6406ML DIMENSION



OTHER FEATURES

Data Storage	> 10 years
Re-write	100,000 times
Customization	Logo, Barcode/QR Code, Number Printing, Encoding etc.
Support Printer	SATO CL4NX, Zebra ZT410 Silverline, Postek TX3r, Printonix etc.
Package	Reel core inner dimension: 76.2mm/3", 500 pcs/roll
Application	Metallic container tracking, Equipment & device tracking, IT Asset Tracking, Cosmetics and Wine Tracking etc.

ORDER INFORMATION

Part No.	IDT.UHF.6406.ML
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APPLICATION AREA



Warehouse



Cosmetics



Manufacturing



Logistics &
Supply Chain



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

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