

# Transponder

## Label

PART ID:  
**1093-01-366-00**

TECTUS PID 1093 is a high performance, premium synthetic RFID label product. Designed with an ultra high performance dipole antenna, the TECTUS PID 1093 provides market leading performance on plastic and non metallic assets. High specification polymer and adhesive materials ensure the product is durable for extended outdoor use including standard industrial wet cleaning processes.

### Main Specifications

Material	PET
Operating Temperature	-40°C to 85°C
IP Class	IP68
Compliance	RoHs & Reach, CE
Key Features	Ultra Thin, High Durability, Versatile
Options	Thermal Transfer



### Chip Specification (Chip 366)

Chip	Impinj - M730
Frequency	860~960MHz ( UHF )
Memory	TID 48 Bit; EPC 128 Bit
Norm	ISO 18000-6C / EPC Gen2 V2

### Full Specifications

Product ID	1093
Material	PET
Shape	Laminated
Long Description	TECTUS PID 1093 is a high performance, premium synthetic RFID label product. Designed with an ultra high performance dipole antenna, the TECTUS PID 1093 provides market leading performance on plastic and non metallic assets. High specification polymer and adhesive materials ensure the product is durable for extended outdoor use including standard industrial wet cleaning processes.
Key Features	Ultra Thin, High Durability, Versatile
Options	Thermal Transfer
Main Use	Plastic RTI's and containers, Plastic Pallets, Non-metallic industrial assets
Article Type	Label
Color	White

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Length [mm]	95
Width [mm]	21
Thickness [mm]	0.24
Weight [g]	0.5
Operating Temp °C (min)	-40
Operating Temp °C (max)	85
Storage Temp °C (min)	-40
Storage Temp °C (max)	85
IP Class	IP68
Chemical Resistance	Not Specified
Flame Resistance	Not Specified
Mechanical Resistance	Not Specified
Attachment Method	Sticker
Compliance	RoHs & Reach, CE

VARIANTS AND ICS

ID	Variant	Band	Type	ISO
1093-01-366-00	95x21x0.24mm	UHF	M730	ISO 18000-6C / EPC Gen2 V2

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