

# Transponder

## DISC TAG

**PART ID:****1033-01-101-00**

TECTUS transponders endure severe conditions while protecting data integrity. These small, thin discs enable discreet placement in a broad range of applications.

**Main Specifications**

Material	PPS with Epoxy
Operating Temperature	-40°C to 90°C
IP Class	IP68
Compliance	RoHs & Reach, CE
Key Features	Small Size, Heat Tolerant, High Durability
Options	Offset Print, Logo, Adhesive

**Chip Specification (Chip 101)**

Chip	Atmel - Q5
Frequency	125 kHz ( LF )
Memory	UID 32bit; User 224 Bit
Norm	

**Full Specifications**

Product ID	1033
Material	PPS with Epoxy
Shape	Potted
Short Description	TECTUS transponders endure severe conditions while protecting data integrity. These small, thin discs enable discreet placement in a broad range of applications.
Long Description	TECTUS transponders endure severe conditions while protecting data integrity. These small, thin discs enable discreet placement in a broad range of applications.
Key Features	Small Size, Heat Tolerant, High Durability
Options	Offset Print, Logo, Adhesive
Main Use	Commercial Laundry
Article Type	DISC TAG
Color	Black
Thickness [mm]	2
Weight [g]	0.3

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Operating Temp °C (min)	-40
Operating Temp °C (max)	90
Storage Temp °C (min)	-40
Storage Temp °C (max)	90
IP Class	IP68
Chemical Resistance	Not Specified
Flame Resistance	Not Specified
Mechanical Resistance	Not Specified
Attachment Method	Glue
Compliance	RoHs & Reach, CE

## VARIANTS AND ICS

ID	Variant	Band	Type	ISO
1033-01-101-00	D12x2mm	LF	Q5	
1033-01-152-00	D12x2mm	LF	EM4200/Unique	ISO/IEC 11784/85 Compatible
1033-01-113-00	D12x2mm	LF	HITAG S 2048	ISO/IEC 11784 & 11785 & 14223
1033-01-269-00	D12x2mm	HF	Vigo	ISO 15693