

Clear Transponder DISC TAG

PART ID:
1011-02-104-00

Clear Disc Tag, coil antenna being packaged inside PET sheets, is a primitive form factor for tagging. It can also go with or without an adhesive backing.

Main Specifications

Material	PET
Operating Temperature	-25°C to 55°C
IP Class	IP65
Compliance	RoHs & Reach, CE
Key Features	Ultra Thin, Versatile, Cost-Effective
Options	Adhesive



Chip Specification (Chip 104)

Chip	NXP - HITAG 1
Frequency	125 kHz (LF)
Memory	UID 4 Byte; User 2048 Bit
Norm	ISO/IEC 11784 & 11785

Full Specifications

Product ID	1011
Name	Clear
Material	PET
Shape	Laminated
Short Description	Clear Disc Tag, coil antenna being packaged inside PET sheets, is a primitive form factor for tagging. It can also go with or without an adhesive backing.
Long Description	Clear Disc Tag, coil antenna being packaged inside PET sheets, is a primitive form factor for tagging. It can also go with or without an adhesive backing.
Key Features	Ultra Thin, Versatile, Cost-Effective
Options	Adhesive
Main Use	Embeddable RFID
Article Type	DISC TAG
Color	Transparent

©TECTUS reserves the right to change any information or data in this document without prior notice. The distribution and the update of this document is not controlled. TECTUS declines all responsibility for the use of products with any other specifications but the ones mentioned above. Any additional requirement for a specific customer application has to be validated by the customer himself at his own responsibility. Where application information is given, it is only advisory and does not form part of the specification.

Thickness [mm]	0.6
Operating Temp °C (min)	-25
Operating Temp °C (max)	55
Storage Temp °C (min)	-15
Storage Temp °C (max)	75
IP Class	IP65
Chemical Resistance	Not Specified
Flame Resistance	Not Specified
Mechanical Resistance	Not Specified
Attachment Method	Embed
Compliance	RoHs & Reach, CE

VARIANTS AND ICS

ID	Variant	Band	Type	ISO
1011-01-148-00	D20x0.6mm	LF	ATA5577	ISO/IEC 11784/85 Compatible
1011-01-152-00	D20x0.6mm	LF	EM4200/Unique	ISO/IEC 11784/85 Compatible
1011-01-104-00	D20x0.6mm	LF	HITAG 1	ISO/IEC 11784 & 11785
1011-01-113-00	D20x0.6mm	LF	HITAG S 2048	ISO/IEC 11784 & 11785 & 14223
1011-01-260-00	D20x0.6mm	HF	ICODE SLIX	ISO/IEC 15693 & 18000-3
1011-01-263-00	D20x0.6mm	HF	NTAG213	ISO/IEC 14443A & 18000-3
1011-02-152-00	D25x0.6mm	LF	EM4200/Unique	ISO/IEC 11784/85 Compatible
1011-02-104-00	D25x0.6mm	LF	HITAG 1	ISO/IEC 11784 & 11785
1011-02-105-00	D25x0.6mm	LF	HITAG 2	ISO/IEC 11784 & 11785
1011-02-244-00	D25x0.6mm	HF	MIFARE DESFire EV1	ISO/IEC 14443A & 18000-3
1011-02-245-00	D25x0.6mm	HF	MIFARE DESFire EV1	ISO/IEC 14443A & 18000-3
1011-02-246-00	D25x0.6mm	HF	MIFARE DESFire EV1	ISO/IEC 14443A & 18000-3
1011-03-152-00	D30x0.6mm	LF	EM4200/Unique	ISO/IEC 11784/85 Compatible
1011-03-105-00	D30x0.6mm	LF	HITAG 2	ISO/IEC 11784 & 11785
1011-03-112-00	D30x0.6mm	LF	HITAG S 256	ISO/IEC 11784 & 11785 & 14223
1011-03-260-00	D30x0.6mm	HF	ICODE SLIX	ISO/IEC 15693 & 18000-3
1011-03-244-00	D30x0.6mm	HF	MIFARE DESFire EV1	ISO/IEC 14443A & 18000-3
1011-03-206-00	D30x0.6mm	HF	MIFARE Classic EV1 1K	ISO/IEC 14443A & 18000-3
1011-04-105-00	D35x0.6mm	LF	HITAG 2	ISO/IEC 11784 & 11785
1011-04-206-00	D35x0.6mm	HF	MIFARE Classic EV1 1K	ISO/IEC 14443A & 18000-3
1011-05-112-00	D50x0.6mm	LF	HITAG S 256	ISO/IEC 11784 & 11785 & 14223
1011-05-152-00	D50x0.6mm	LF	EM4200/Unique	ISO/IEC 11784/85 Compatible