



### Adhesive label with integrated RFID transponder, thermal transfer

#### RFID-Label 1601 and 1602 - High frequency (HF)

This adhesive label with integrated RFID transponder is ideal for clear identification and digital management of mobile and fixed equipment, raw materials and semi-finished or finished products. Thanks to the so-called UID (Unique Identifier, Unique Identification Number) and its integrated and freely usable data memory, objects can be easily inventorised and tracked within the framework of asset management (resource management) or the manufacturing execution system (production control system) (tracking, traceability) as well as monitored and managed. With the help of an IT infrastructure, specific information can be assigned to each individual object or location, which can be called up as required and thus serve to optimise processes. This has an immediate positive effect on process costs.

#### Features and benefits

- Adhesive label with integrated RFID transponder according to international Standards
- Can be printed with the help of thermal transfer printers
- Clear identification of objects and / or locations through unique numbering system
- Fast, secure and error-free data management
- Robust and durable with data retention
- Large range of functionalities according to corresponded infrastructure (Hardware, Software)
- Different colours available



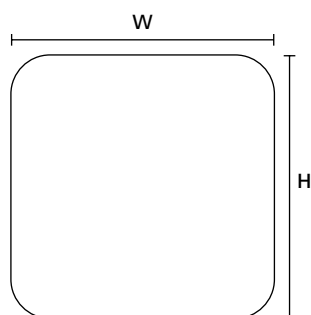
RFID HF labels for easy inventory and asset management.



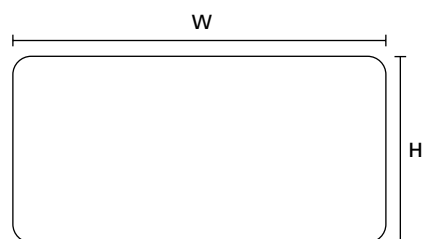
RFID adhesive labels – unique identification for thermal transfer printing.

MATERIAL	Type 1602, Paper (1602)		Type 1601, Polyester (1601)	
Frequency	860-960 MHz (UHF)			
Operating Temperature	-20 °C to +70 °C		-20 °C to +85 °C	-40 °C to +85 °C
Storage Temperature	+20 °C			
Curing Temperature	from +5 °C			from +15 °C
Thermal Transfer Printer	TT431, TT4030			
Recommended Ribbon Type	TT822OUT			

RoHS



Square Label



Rectangular label



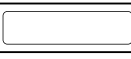
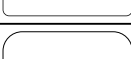

TYPE	Drawing	Frequency	Width (W)	Height (H)	Thickness (T)	Colour	Pack Cont.	Material	Article-No.
TAG110x13T1UHF		860-960 MHz (UHF)	110.0	13.0	1.10	White (WH)	800 pcs.	1601	556-00841

All dimensions in mm. Subject to technical changes. Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available.



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TYPE	Drawing	Frequency	Width (W)	Height (H)	Thickness (T)	Colour	Pack Cont.	Material	Article-No.
<b>TAG45x18T1UHF</b>		860-960 MHz (UHF)	45.0	18.0	0.11	White (WH)	5000 pcs.	1601	556-00839
<b>TAG54x24T1UHFM</b>		860-960 MHz (UHF)	54.0	24.0	1.80	White (WH)	450 pcs.	1601	556-00844
<b>TAG100x50T1UHF</b>		860-960 MHz (UHF)	100.0	50.0	0.24	White (WH)	2500 pcs.	1602	556-00843
<b>TAG55x14T1UHFM</b>		860-960 MHz (UHF)	55.0	14.0	1.10	White (WH)	800 pcs.	1601	556-00842
<b>TAG73x13T1UHF</b>		860-960 MHz (UHF)	73.0	13.0	0.11	White (WH)	5000 pcs.	1601	556-00840
<b>TAGS44T1UHF</b>		860-960 MHz (UHF)	44.0	44.0	0.10	White (WH)	2000 pcs.	1601	556-00845

All dimensions in mm. Subject to technical changes. Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available.