

## RFID HF Thermal Transfer Paper Label Tags from Philips Semiconductors

The paper label is a universally usable RFID-label.  
It can be used in a broad spectrum of applications.

It is, for example, perfectly suitable for the tagging of books, documents and packages.



Feature		Part Number	TTP-Label 55 x 55-PH35	TTP-Label 54 x 86-PH33
Product dimensions			55 x 55 mm	54 x 86 mm
Surface material			Paper	Paper
Technology	Type		i•Code™ SLI (ISO)	i•Code™ SLI (ISO)
	Manufacturer / Supplier		Philips Semiconductors	Philips Semiconductors
	Operating frequency		13.56 MHz	13.56 MHz
	Unique serial number		64 bit	64 bit
	User memory		896 bit	896 bit
	Antenna size		45 x 45 mm	45 x 76 mm
	Anticollision		Up to 50 labels/sec.	Up to 50 labels/sec.
	Operating distance*		Up to 1 m	Up to 1.50 m
Adhesive			Permanent	Permanent
Printability			Thermal transfer	Thermal transfer
Operating temperature			-20°C to +70°C	-20°C to +70°C
Storage temperature			20°C ±5°C	20°C ±5°C
Delivery form			250 pcs. on reel	250 pcs. on reel
Minimum order quantity			1,000 pcs.	1,000 pcs.

Part Number		TTP-Label 38/17-PH40 (CD/DVD Label)	TTP-Label 19 x 149-PH41 (Video L.)
Feature			
Product dimensions		Outer diam. 38 mm/17 mm	19 x 149 mm
Surface material		Paper	Paper
Technology	Type	i•Code™SLI (ISO)	i•Code™SLI (ISO)
	Manufacturer / Supplier	Philips Semiconductors	Philips Semiconductors
	Operating frequency	13.56 MHz	13.56 MHz
	Unique serial number	64 bit	64 bit
	User memory	896 bit	896 bit
	Antenna size	34/26 mm diameter	15 x 140 mm
	Anticollision	Up to 50 labels/sec.	Up to 50 labels/sec.
	Operating distance*	Up to 1 m	Up to 1 m
Adhesive		Permanent	Permanent
Printability		Thermal transfer	Thermal transfer
Operating temperature		-20°C to +70°C	-20°C to +70°C
Storage temperature		20°C ±5°C	20°C ±5°C
Delivery form		250 pcs. on reel	250 pcs. on reel
Minimum order quantity		1,000 pcs.	1,000 pcs.

\* Dependent on reader/antenna configuration and country specific emission/RF regulations

Individual variations can be made concerning the

- Inlay type (other chip technologies ISO 15693, UHF, etc... are available)
- Face material
- Adhesive
- Product dimensions
- Delivery form