

RFID Thermal Transfer Clear Film Labels/Tags from Philips Semiconductors

UHF Clear Film Labels are build for universal use. We offer them in two styles to perform best on the major surfaces in the RFID applications: cardboard and plastic. A broad spectrum of applications in different kind of environments can be realized e.g. tagging of cardboard packages, applying on plastic transport boxes or labeling of shrink film on pallets. To fulfill the application needs, UHF paper and film labels are designed, converted and tested for the use in the most common RFID printers i.e. Zebra, DATAMAX, Toshiba TEC, SATO and Paxar Monarch Printers. Ideally Used for Cartoon and Papers



Feature	TTF-Label 86x54-PH59 for Plastic Surface	TTF-Label 12x180-PH46 for Plastic Surface
Product Dimensions	86 x 54 mm (3,4 x 2,1")	12 x 180 mm (0,5 x 7")
Surface material	Film	Film
Technology Type	UCode ePC 1.19	UCode HSL
Manufacturer / Supplier	Philips Semiconductors	Philips Semiconductors
Operating frequency	868 MHz	868 MHz
Unique ID / ePC number	96 bit ePC	64 bit
User memory	256 bit read / write	1728 bit (216 byte) read/ write
Antenna size	20 x 75 mm	1 x 174 mm
Anticollision	up to 100 labels / sec.	up to 100 labels / sec.
Operating distance*	up to 2 m (0,5 W ERP)	up to 2 m (0,5 W ERP)
Available Design for	e.g. Plastic Tray	e.g. Plastic Tray high perform.
Adhesive	permanent on plastic	permanent high performance
Printability	Thermal Transfer	Thermal transfer (if applicable)
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 3" (76mm) core	250 pcs. on 3" (76mm) core
Minimum order quantity	1.000 pcs.	1.000 pcs.

*Dependent on reader/antenna configuration, the environment in which the system is running and country specific emission/RF regulations