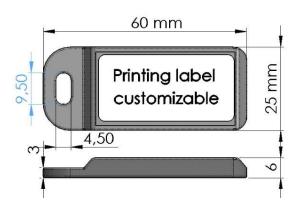


DS_E Product Datasheet - Page 1/2





S1 U

UHF OFF Metal **Global 840-960 MHz** 18000-6C EPC Class 1 Gen2

60x25x6

Pendant

Product Code

Usable

Frequency - ISO/IEC

Dimensions mm.

Mounting

UHF Rugged Tag PENDANT, made of very resistant rigid plastic, available in different versions, OFF Metal use.

Typical Applications: Industrial assets in harsh environments, outdoor applications

Services Available: Pre-encoding chip - Custom layout of printing including logo, text, numbers, QR code, barcode ecc.

different color for MOQ, special packaging

Available IC/Chip: Ucode-8, Monza 6/P









Product Code

S1 U

DS_E Product Datasheet - Page 2/2

Versioni	prodotto	disponibili

S1 U-01R_U8

UHF Tag made of ABS + PU resin, very resistant for general uses, storage temperature -40 ° / +

80°C

S1 U-02R_U8 UHF Tag made of ASA + PU resin, very resistant to UV rays, storage temperature -40 ° / + 80 °C

S1 U-03R U8 UHF Tag made of Nylof GF + PU resin, very resistant to shocks and chemicals, storage

temperature -40 ° / + 120 °C

Available versions and technical features				
Product Code:	S1 U-01R_U8	S1 U-02R_U8	S1 U-03R_U8	
Frequency	Global 840-960 MHz	Global 840-960 MHz	Global 840-960 MHz	
ISO Protocoll	18000-6C Gen2	18000-6C Gen2	18000-6C Gen2	
IC/Chip	Ucode-8	Ucode-8	Ucode-8	
EPC	128 bits	128 bits	128 bits	
User Memory	0 bits	0 bits	0 bits	
Reading Distance (1)	Up to 2,0 mt	Up to 2,0 mt	Up to 2,0 mt	
Opzional Chip:	Ucode-8, Monza 6/P			
Product certifications	RoHS compliant			
Housing Material	ABS + PU resin	ASA + PU Resin	Nylon GF + PU Resin	
Weight grams	8,0	8,0	8,0	
Standard Colors	RAL 7016 Medium Grey	RAL 5002 Medium Blue	RAL 7035 Light Grey	
IP Class Protection	IP68	IP68	IP68	
Operating Temp. C°(2)	-40/+85 °C	-40/+85 °C	-40/+85 °C	
Storage Temp. C° (3)	-40/+80 C°	-40/+80 C°	-40/+110 C°	
Chemical resistance	Α	В	С	

(1) With reader 2W ERP - (2) Continuous use - (3) For a short time $\,$

Category	Chemical resistance of housing
Α	RESISTANT: Water, salt, UV rays (not prolonged), acids (conc. <10%: hydrochloric, sulfuric, tartaric), basic (conc. <10%: ammonia, caustic soda, hydr. Potassium), mineral oils.
В	RESISTANT: Water, salt, UV rays (even prolonged), acids (conc. <10%: hydrochloric, sulfuric, tartaric), basic (conc. <10%: ammonia, caustic soda, hydr. Potassium), mineral oils.
С	RESISTANT: Water, salt, UV rays (not prolonged), acids (conc. <10%: citric, tartaric), basic (conc. <10%: ammonia, caustic soda, hydr. Potassium), hydrocarbons, mineral oils.
D	RESISTANT: Water, salt, UV rays (not prolonged), acids (conc. <10%: citric, tartaric), basic (conc. <10%: ammonia, caustic soda, hydr. Potassium), hydrocarbons, mineral oils.

To check the chemical resistance of the polymers in your process, we recommend that you always carry out a preliminary test with several samples.

Download from our website the document "CHEMICAL RESISTANCE of POLYMERS" or contact our offices for more information.



RFId Tag Manufacturer www.wintag.it

Wintag / Astraplast Srl Via Milazzo 4 Fagnano Olona (VA) Italy +39 0331.614136 - sales@wintag.it